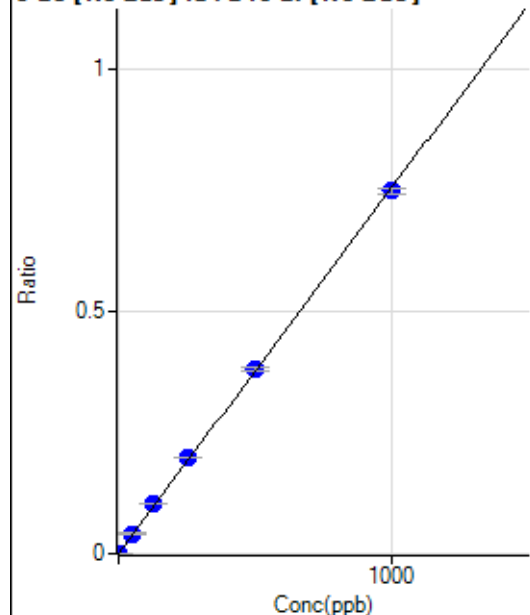


Batch Folder: D:\P8020218 ICPMS.b\
Analysis File: P8020218 ICPMS.batch.bin
DA Date-Time: 2018-02-02 14:27:06
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2018-02-02 14:06:39
2			
3	006CALS.d	S02	2018-02-02 14:13:38
4	007CALS.d	S03	2018-02-02 14:17:06
5	008CALS.d	S04	2018-02-02 14:20:35
6	009CALS.d	S05	2018-02-02 14:23:58
7	010CALS.d	S06	2018-02-02 14:27:15
8	011CALS.d	S07	2018-02-02 14:30:30
9	012CALS.d	S08	2018-02-02 14:33:41

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.19	0.0001	P	17.4
2	☐	0.100					
3	☐	1.000	0.991	809.30	0.0008	P	9.9
4	☐	50.000	55.057	40247.53	0.0416	P	1.5
5	☐	125.000	135.380	98868.85	0.1021	P	0.7
6	☐	250.000	263.874	194533.37	0.1990	P	1.1
7	☐	500.000	505.756	371456.09	0.3812	P	1.7
8	☐	1000.000	992.103	717344.35	0.7478	P	1.4
9	☐			609.29	0.0006	P	10.3

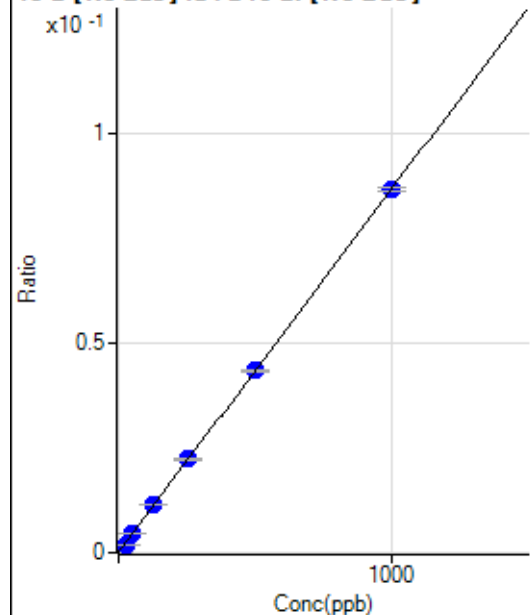
$$y = 7.5364\text{E-}004 * x + 9.0264\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.06248$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0001	P	27.4
2	☐	2.500					
3	☐	25.000	22.045	1969.66	0.0020	P	2.2
4	☐	50.000	53.032	4567.62	0.0047	P	3.4
5	☐	125.000	129.241	10954.63	0.0113	P	0.6
6	☐	250.000	256.133	21797.80	0.0223	P	3.1
7	☐	500.000	499.610	42263.14	0.0434	P	1.4
8	☐	1000.000	998.054	82998.05	0.0865	P	1.0
9	☐			4072.99	0.0043	P	5.4

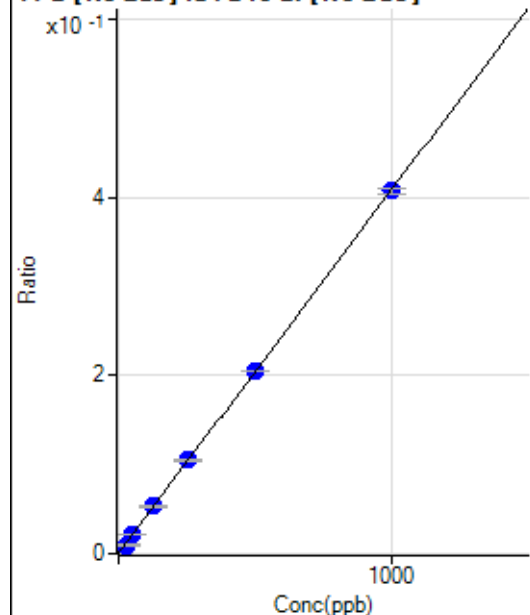
$$y = 8.6545\text{E-}005 * x + 1.2949\text{E-}004$$

$$R = 1.0000$$

$$DL = 1.229$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	550.04	0.0006	P	7.3
2	☐	2.500					
3	☐	25.000	22.298	9345.11	0.0097	P	3.4
4	☐	50.000	52.766	21380.55	0.0221	P	1.7
5	☐	125.000	130.175	51944.84	0.0537	P	2.9
6	☐	250.000	256.026	102615.46	0.1050	P	2.6
7	☐	500.000	500.973	199578.31	0.2048	P	0.7
8	☐	1000.000	997.289	390604.88	0.4072	P	1.3
9	☐			18440.20	0.0197	P	7.3

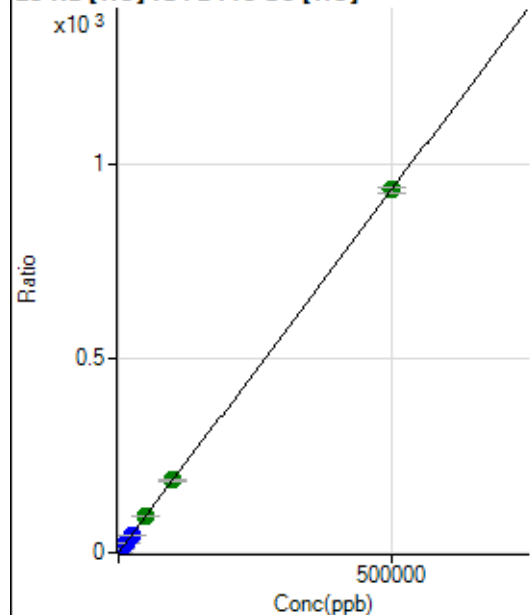
$$y = 4.0770\text{E-}004 * x + 5.7966\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.3098$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3789.56	0.1621	P	3.7
2	☐	50.000					
3	☐	500.000	444.893	22974.72	0.9912	P	1.4
4	☐	5000.000	4967.780	217116.06	9.4195	P	1.3
5	☐	12500.000	12312.531	518610.71	23.1063	P	1.3
6	☐	25000.000	24506.678	1008614.28	45.8299	P	1.8
7	☐	50000.000	50416.954	1951465.15	94.1133	A	1.2
8	☐	100000.00	100023.98	3670619.48	186.5552	A	3.6
9	☐	500000.00	499983.23	18988151.12	931.8727	A	1.7

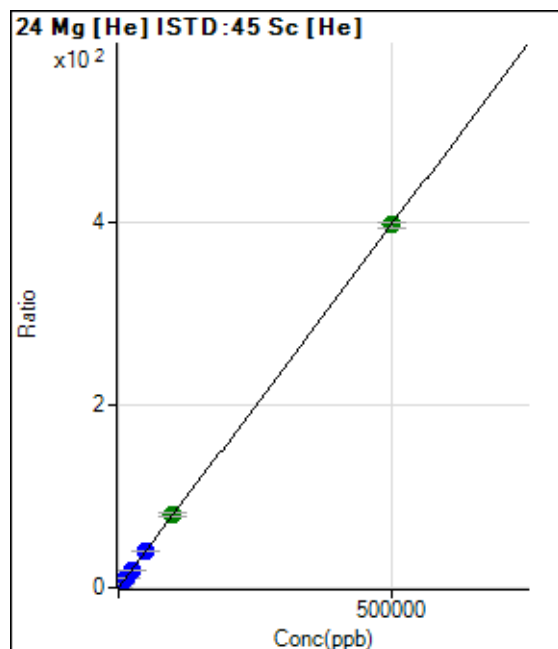
$$y = 0.0019 * x + 0.1621$$

$$R = 1.0000$$

$$DL = 9.787$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.80	0.0129	P	24.9
2	☐	50.000					
3	☐	500.000	456.833	8711.39	0.3758	P	0.9
4	☐	5000.000	4970.073	91297.87	3.9609	P	1.0
5	☐	12500.000	12437.832	222057.64	9.8928	P	0.9
6	☐	25000.000	24685.678	431826.02	19.6217	P	1.9
7	☐	50000.000	49975.217	823365.36	39.7101	P	1.5
8	☐	100000.00	101192.83	1581522.11	80.3941	A	4.4
9	☐	500000.00	499781.52	8089500.88	397.0075	A	1.8

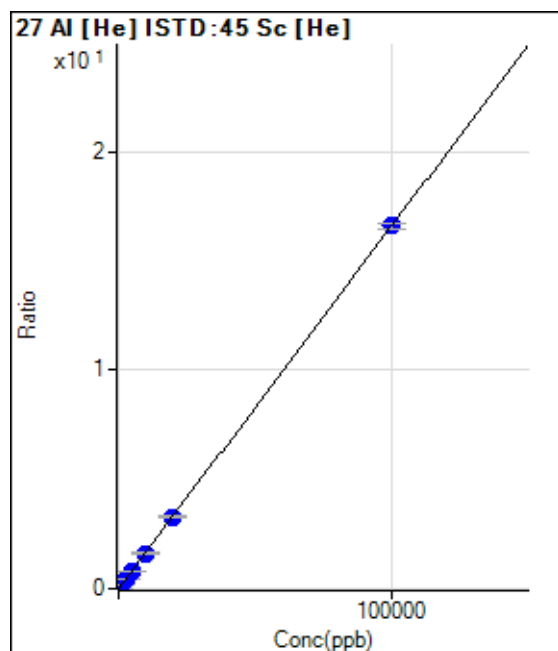
$$y = 7.9434\text{E-}004 * x + 0.0129$$

$$R = 1.0000$$

$$DL = 12.16$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0007	P	49.6
2	☐	2.000					
3	☐	20.000	10.829	58.33	0.0025	P	86.7
4	☐	1000.000	982.795	3778.45	0.1639	P	4.8
5	☐	2500.000	2431.118	9078.28	0.4044	P	2.7
6	☐	5000.000	4846.095	17722.88	0.8054	P	4.2
7	☐	10000.000	9651.190	33234.40	1.6033	P	4.1
8	☐	20000.000	19854.752	64879.53	3.2976	P	3.8
9	☐	100000.00	100073.52	338611.06	16.6180	P	1.9

$$y = 1.6605\text{E-}004 * x + 7.1272\text{E-}004$$

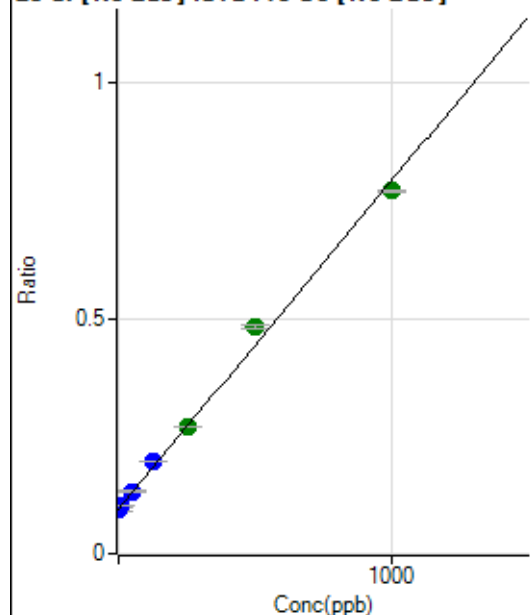
$$R = 1.0000$$

$$DL = 6.386$$

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	331661.56	0.0951	P	7.7
2	☐	1.000					
3	☐	10.000	8.040	371126.89	0.1007	P	0.8
4	☐	50.000	53.699	487839.74	0.1326	P	0.4
5	☐	125.000	144.714	711829.85	0.1961	P	0.8
6	☐	250.000	250.610	968687.05	0.2699	A	0.7
7	☐	500.000	556.664	1741678.32	0.4834	A	1.5
8	☐	1000.000	968.886	2709533.24	0.7710	A	0.3
9	☐			321134.19	0.0932	P	0.5

$$y = 6.9763\text{E-}004 * x + 0.0951$$

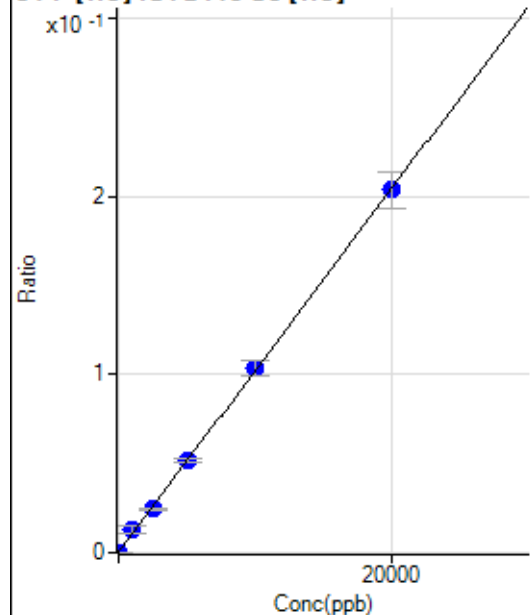
$$R = 0.9974$$

$$DL = 31.54$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-17.538	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	17.538	8.33	0.0004	P	99.0
4	☐	1000.000	1247.467	297.24	0.0129	P	30.4
5	☐	2500.000	2381.217	550.04	0.0245	P	3.7
6	☐	5000.000	5074.807	1144.54	0.0520	P	3.7
7	☐	10000.000	10099.065	2141.92	0.1033	P	8.2
8	☐	20000.000	19934.241	4003.51	0.2038	P	10.0
9	☐			0.00	0.0000	P	

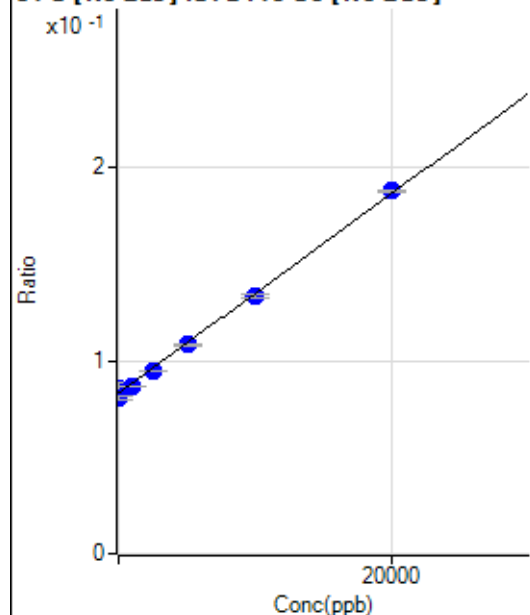
$$y = 1.0215\text{E-}005 * x + 1.7916\text{E-}004$$

$$R = 0.9999$$

$$DL = 52.1$$

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	495.044	299702.00	0.0859	P	7.2
2	☐	0.000					
3	☐	0.000	-495.044	297716.88	0.0808	P	1.5
4	☐	1000.000	655.547	319233.49	0.0867	P	0.5
5	☐	2500.000	2212.691	344217.58	0.0948	P	0.7
6	☐	5000.000	4815.356	388568.95	0.1083	P	0.6
7	☐	10000.000	9694.438	481074.71	0.1335	P	1.3
8	☐	20000.000	20252.078	661261.02	0.1882	P	0.8
9	☐			271030.59	0.0787	P	1.1

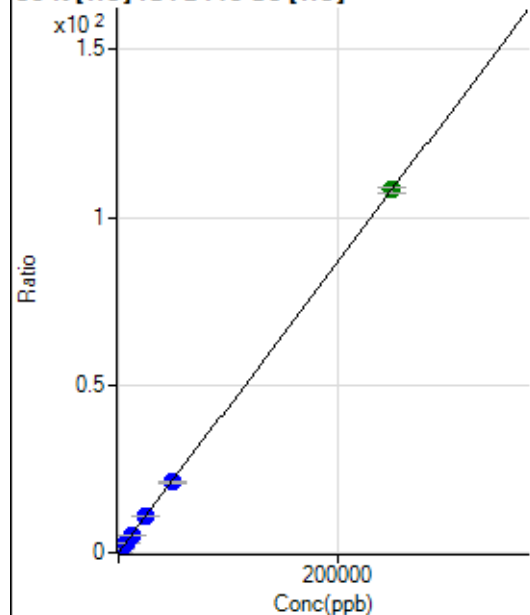
$$y = 5.1759\text{E-}006 * x + 0.0834$$

$$R = 0.9989$$

$$DL = 2152$$

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	1566.83	0.0670	P	10.0
2	☐	50.000					
3	☐	500.000	444.548	6001.54	0.2589	P	3.1
4	☐	2500.000	2526.048	26679.19	1.1575	P	1.6
5	☐	6250.000	6192.251	61498.82	2.7401	P	2.2
6	☐	12500.000	12286.120	118204.39	5.3707	P	1.4
7	☐	25000.000	24739.497	222836.07	10.7467	P	1.1
8	☐	50000.000	48419.846	412559.58	20.9690	P	3.8
9	☐	250000.00	250354.06	2203458.62	108.1405	A	1.9

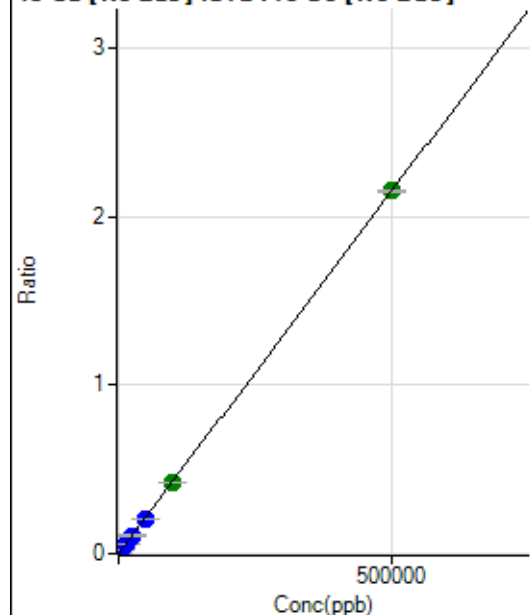
$$y = 4.3168\text{E-}004 * x + 0.0670$$

$$R = 1.0000$$

$$DL = 46.47$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	697.27	0.0002	P	16.2
2	☐	50.000					
3	☐	500.000	426.439	7480.14	0.0020	P	4.9
4	☐	5000.000	4992.999	79675.84	0.0217	P	0.5
5	☐	12500.000	12469.213	195237.96	0.0538	P	0.7
6	☐	25000.000	25037.909	386757.40	0.1078	P	1.6
7	☐	50000.000	48455.691	750783.25	0.2084	P	1.1
8	☐	100000.00	97441.905	1471876.28	0.4189	A	1.0
9	☐	500000.00	500665.06	7410897.21	2.1513	A	0.3

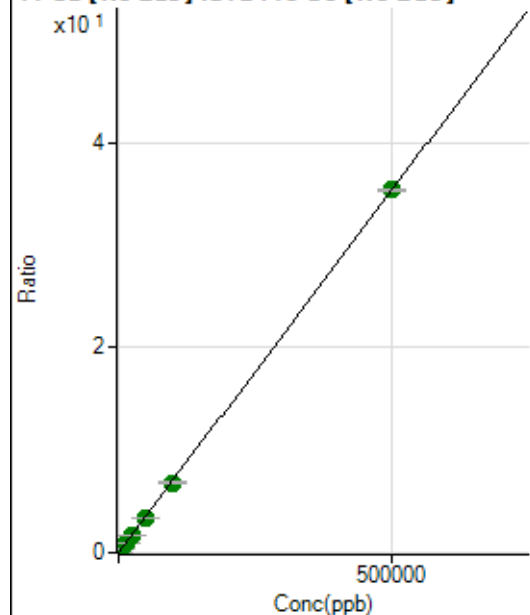
$$y = 4.2966\text{E-}006 * x + 1.9768\text{E-}004$$

R = 1.0000

DL = 22.37

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11694.32	0.0034	P	8.1
2	☐	50.000					
3	☐	500.000	426.772	123391.18	0.0335	P	0.9
4	☐	5000.000	4961.559	1301403.62	0.3536	A	0.6
5	☐	12500.000	12500.266	3216307.06	0.8859	A	1.0
6	☐	25000.000	24748.329	6282127.27	1.7506	A	0.6
7	☐	50000.000	47957.867	12210287.60	3.3891	A	1.1
8	☐	100000.00	96500.197	23951119.81	6.8162	A	1.1
9	☐	500000.00	500917.20	121829084.6	35.3675	A	0.8

$$y = 7.0599\text{E-}005 * x + 0.0034$$

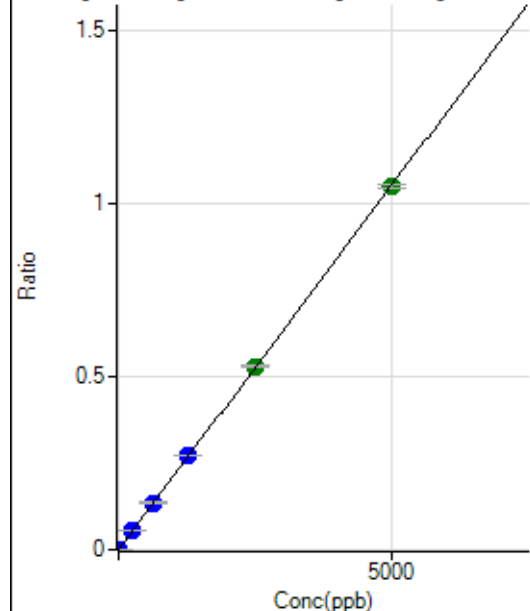
R = 1.0000

DL = 11.61

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	28.4
2	☐	0.500					
3	☐	5.000	4.554	3647.86	0.0010	P	6.1
4	☐	250.000	254.704	197335.35	0.0536	P	0.9
5	☐	625.000	643.074	491368.24	0.1353	P	1.1
6	☐	1250.000	1285.737	970947.28	0.2706	P	0.2
7	☐	2500.000	2515.890	1907258.27	0.5294	A	1.1
8	☐	5000.000	4980.627	3682463.45	1.0480	A	1.2
9	☐			758.39	0.0002	P	5.0

$$y = 2.1041\text{E-}004 * x + 3.1690\text{E-}005$$

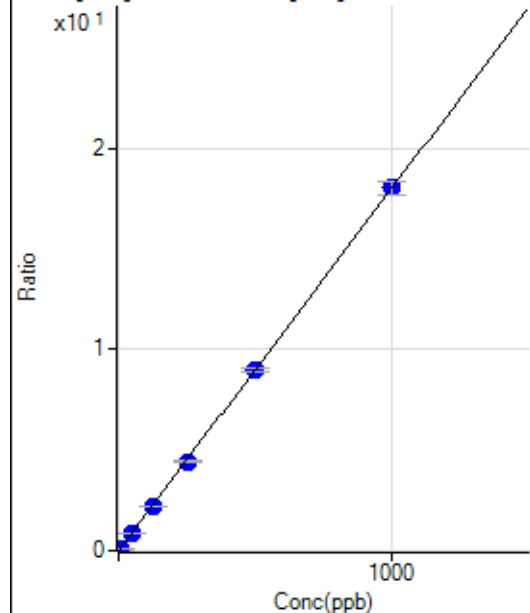
$$R = 1.0000$$

$$DL = 0.1281$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.44	0.0002	P	115.2
2	☐	0.500					
3	☐	5.000	4.304	1797.92	0.0776	P	4.8
4	☐	50.000	49.555	20540.76	0.8912	P	2.2
5	☐	125.000	123.079	49676.82	2.2132	P	1.4
6	☐	250.000	245.105	96994.65	4.4073	P	1.8
7	☐	500.000	498.351	185786.14	8.9607	P	1.9
8	☐	1000.000	1002.314	354569.59	18.0222	P	3.9
9	☐			65.56	0.0032	P	27.0

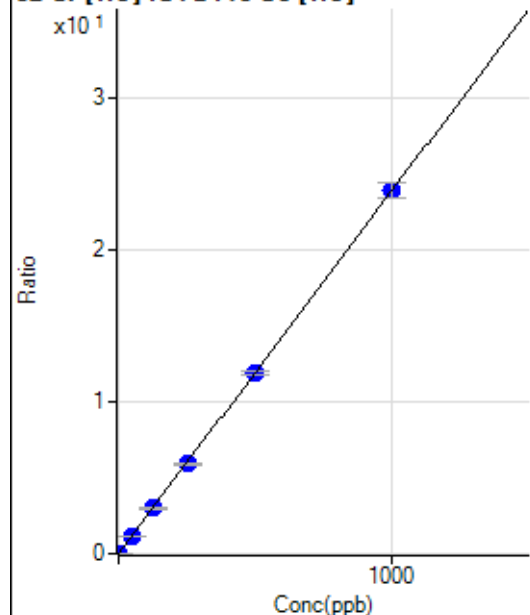
$$y = 0.0180 * x + 1.9109\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.03672$$

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	250.01	0.0107	P	19.4
2	☐	0.200					
3	☐	2.000	1.894	1293.42	0.0558	P	2.5
4	☐	50.000	49.702	27520.60	1.1939	P	0.2
5	☐	125.000	124.388	66702.46	2.9719	P	1.1
6	☐	250.000	247.378	129832.93	5.8997	P	2.2
7	☐	500.000	499.000	246517.99	11.8897	P	1.9
8	☐	1000.000	1001.247	469112.19	23.8461	P	4.2
9	☐			7265.35	0.3565	P	1.8

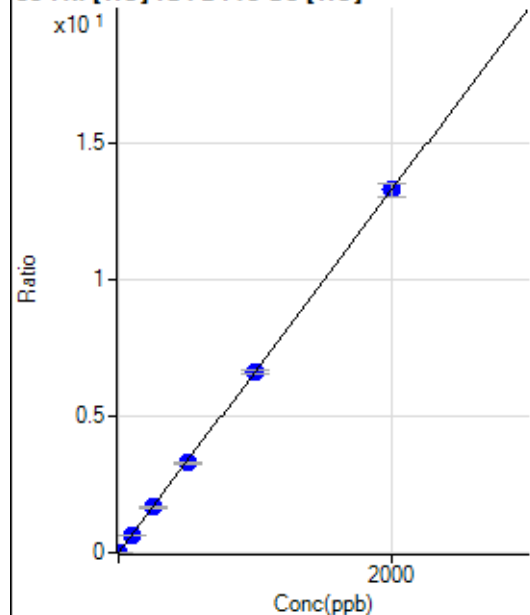
$$y = 0.0238 * x + 0.0107$$

$$R = 1.0000$$

$$DL = 0.2625$$

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	25.56	0.0011	P	74.1
2	☐	0.100					
3	☐	1.000	0.790	146.67	0.0063	P	13.6
4	☐	100.000	98.172	15040.48	0.6525	P	0.7
5	☐	250.000	249.302	37153.94	1.6553	P	1.1
6	☐	500.000	494.270	72195.20	3.2808	P	2.6
7	☐	1000.000	1000.356	137650.85	6.6389	P	1.8
8	☐	2000.000	2001.433	261319.50	13.2816	P	3.8
9	☐			830.04	0.0407	P	3.9

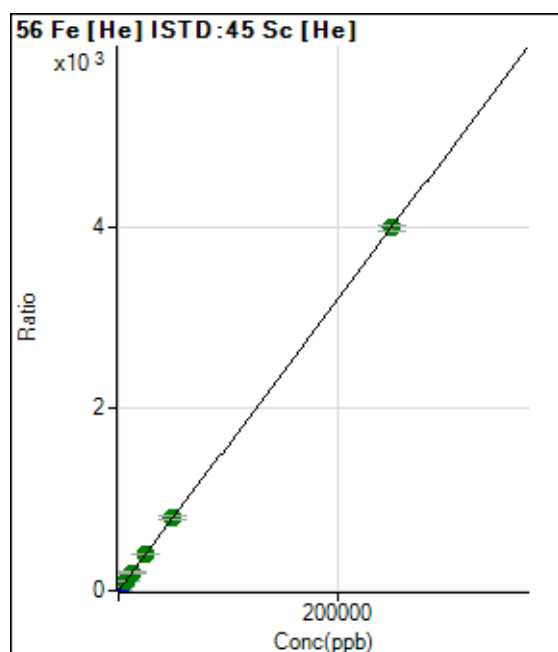
$$y = 0.0066 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 0.3655$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	840.79	0.0360	P	6.8
2	☐	5.000					
3	☐	50.000	45.651	17730.17	0.7649	P	1.5
4	☐	2500.000	2508.749	924173.71	40.0944	P	1.2
5	☐	6250.000	6375.395	2285725.25	101.8351	A	0.5
6	☐	12500.000	12477.387	4385320.41	199.2686	A	2.0
7	☐	25000.000	25314.917	8382180.51	404.2518	A	1.2
8	☐	50000.000	50545.157	15880360.65	807.1155	A	3.7
9	☐	250000.00	249857.38	81294381.45	3,989.632	A	1.7

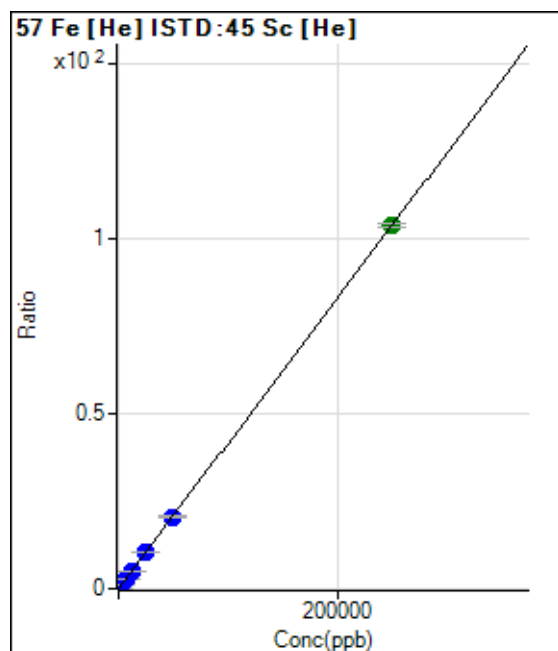
$$y = 0.0160 * x + 0.0360$$

$$R = 1.0000$$

$$DL = 0.4623$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.93	0.0011	P	80.5
2	☐	5.000					
3	☐	50.000	46.712	474.10	0.0205	P	13.4
4	☐	2500.000	2474.013	23665.03	1.0266	P	0.3
5	☐	6250.000	6148.919	57236.21	2.5499	P	0.2
6	☐	12500.000	12216.133	111456.89	5.0649	P	2.5
7	☐	25000.000	24835.649	213478.18	10.2959	P	1.6
8	☐	50000.000	49589.952	404442.77	20.5570	P	3.9
9	☐	250000.00	250115.42	2112767.42	103.6785	A	1.0

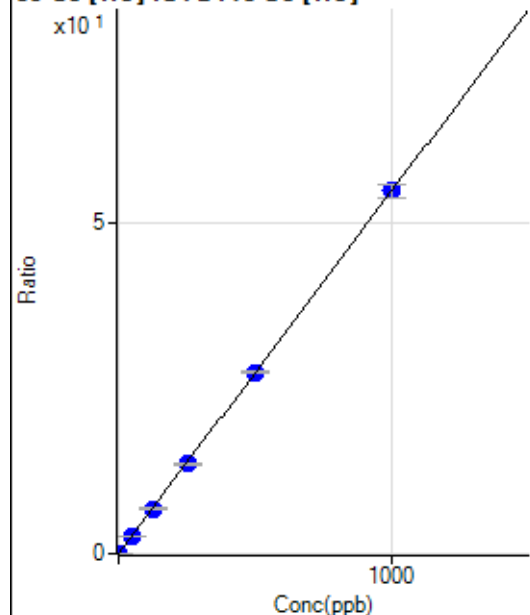
$$y = 4.1452E-004 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 6.446$$

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	48.89	0.0021	P	19.5
2	☐	0.100					
3	☐	1.000	0.948	1248.97	0.0539	P	2.7
4	☐	50.000	49.509	62406.86	2.7075	P	1.1
5	☐	125.000	123.893	152000.30	6.7723	P	1.4
6	☐	250.000	246.863	296924.84	13.4920	P	1.9
7	☐	500.000	499.989	566554.07	27.3242	P	1.4
8	☐	1000.000	1000.953	1076154.56	54.6996	P	4.0
9	☐			1394.54	0.0685	P	5.6

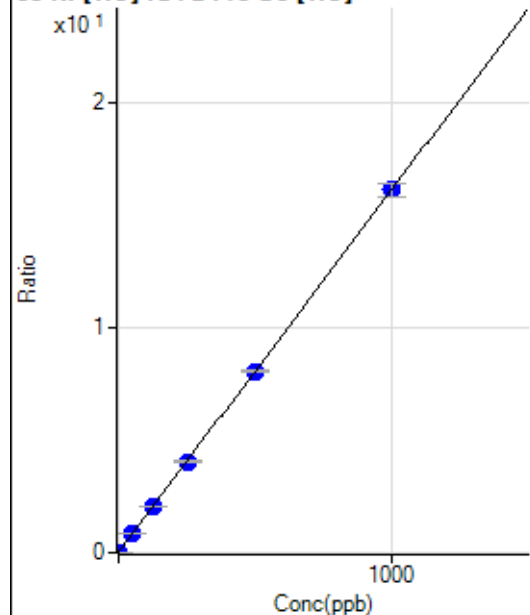
$$y = 0.0546 * x + 0.0021$$

$$R = 1.0000$$

$$DL = 0.02242$$

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	503.35	0.0215	P	9.2
2	☐	0.100					
3	☐	1.000	1.128	920.05	0.0397	P	4.9
4	☐	50.000	49.882	19016.50	0.8250	P	1.2
5	☐	125.000	124.791	45599.00	2.0315	P	0.4
6	☐	250.000	249.501	88915.81	4.0402	P	1.9
7	☐	500.000	500.176	167497.59	8.0778	P	1.1
8	☐	1000.000	1000.069	317327.23	16.1296	P	4.0
9	☐			3477.16	0.1706	P	1.0

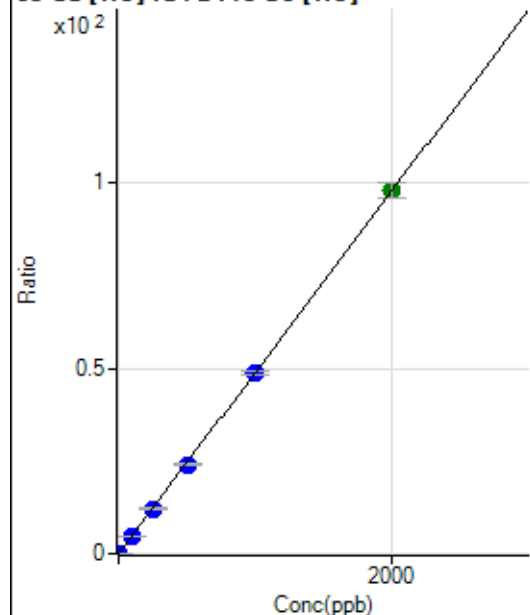
$$y = 0.0161 * x + 0.0215$$

$$R = 1.0000$$

$$DL = 0.3698$$

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	131.11	0.0056	P	7.5
2	☐	0.200					
3	☐	2.000	1.817	2184.66	0.0943	P	7.6
4	☐	100.000	98.912	111440.01	4.8347	P	1.2
5	☐	250.000	247.853	271716.32	12.1063	P	1.5
6	☐	500.000	492.951	529774.62	24.0725	P	1.9
7	☐	1000.000	998.350	1010700.97	48.7471	P	1.9
8	☐	2000.000	2002.910	1923849.02	97.7917	A	4.1
9	☐			2666.97	0.1308	P	1.7

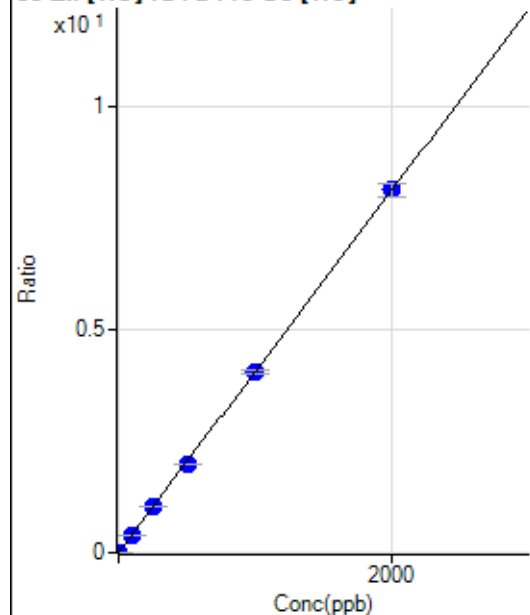
$$y = 0.0488 * x + 0.0056$$

$$R = 1.0000$$

$$DL = 0.02601$$

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	35.55	0.0015	P	19.2
2	☐	0.200					
3	☐	2.000	1.621	187.78	0.0081	P	8.4
4	☐	100.000	98.705	9262.11	0.4018	P	1.5
5	☐	250.000	254.299	23181.77	1.0329	P	1.8
6	☐	500.000	488.548	43640.85	1.9829	P	1.6
7	☐	1000.000	996.586	83833.52	4.0434	P	1.9
8	☐	2000.000	2004.098	159937.00	8.1295	P	4.0
9	☐			520.02	0.0255	P	6.3

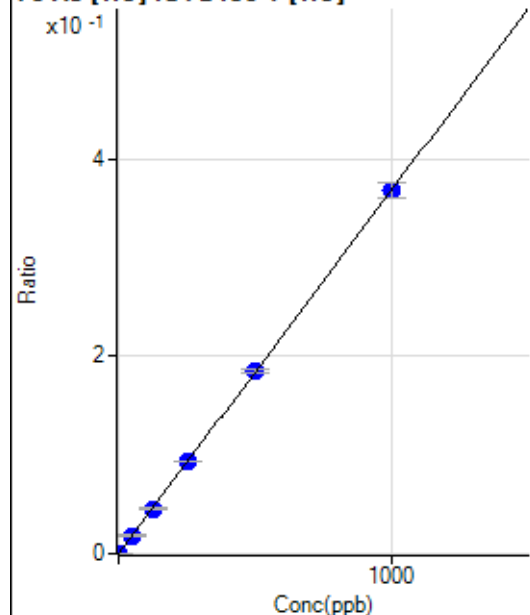
$$y = 0.0041 * x + 0.0015$$

$$R = 1.0000$$

$$DL = 0.2161$$

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	3.70	0.0000	P	50.0
2	☐	0.100					
3	☐	1.000	0.915	64.81	0.0004	P	25.8
4	☐	50.000	49.884	3310.92	0.0184	P	2.4
5	☐	125.000	124.177	8074.63	0.0457	P	2.6
6	☐	250.000	254.228	16219.48	0.0936	P	0.4
7	☐	500.000	501.729	31002.01	0.1847	P	2.2
8	☐	1000.000	998.187	59365.61	0.3675	P	4.1
9	☐			27.16	0.0002	P	26.0

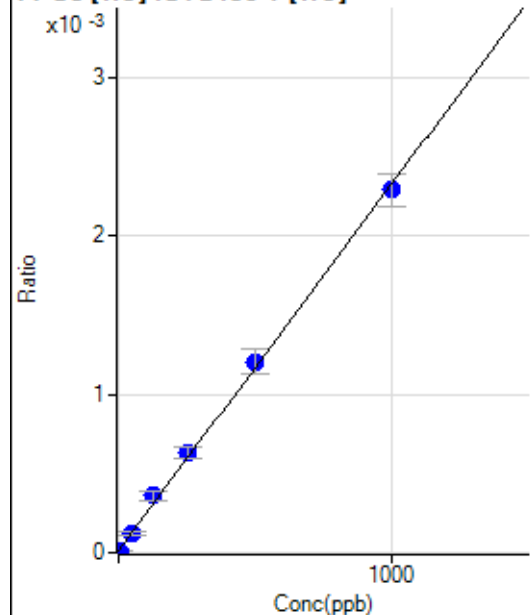
$$y = 3.6814\text{E-}004 * x + 2.0693\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.08428$$

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	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	-5.351	0.00	0.0000	P	
4	☐	50.000	45.272	21.11	0.0001	P	18.3
5	☐	125.000	149.504	63.33	0.0004	P	18.2
6	☐	250.000	265.966	108.89	0.0006	P	12.1
7	☐	500.000	516.797	203.34	0.0012	P	12.9
8	☐	1000.000	984.835	370.01	0.0023	P	9.2
9	☐			0.00	0.0000	P	

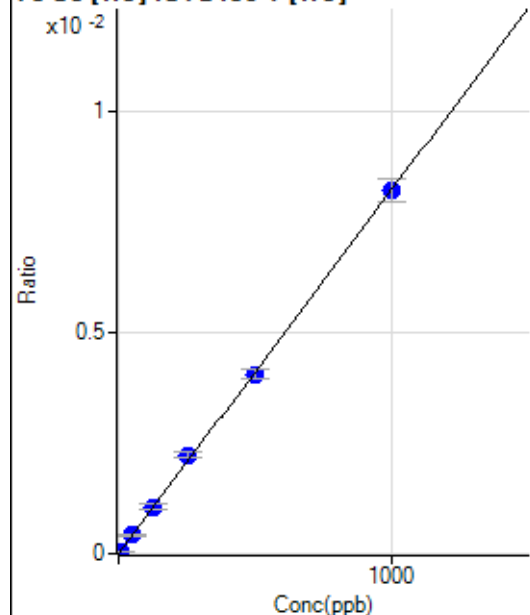
$$y = 2.3160\text{E-}006 * x + 1.2393\text{E-}005$$

$$R = 0.9992$$

$$DL = 13.9$$

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	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.562	6.79	0.0000	P	41.8
4	☐	50.000	50.902	75.31	0.0004	P	4.8
5	☐	125.000	129.462	187.66	0.0011	P	14.2
6	☐	250.000	271.983	387.05	0.0022	P	6.6
7	☐	500.000	492.736	679.04	0.0040	P	5.1
8	☐	1000.000	997.535	1322.92	0.0082	P	6.5
9	☐			1.85	0.0000	P	173.2

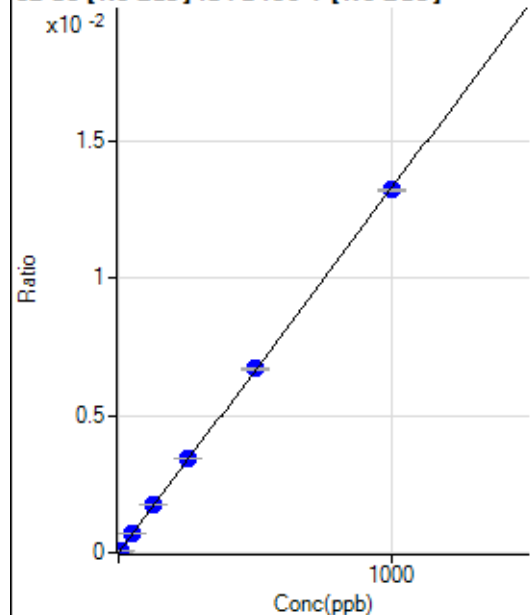
$$y = 8.2147\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

$$DL = 0$$

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	-25.35	0.0000	P	-186.
2	☐	0.500					
3	☐	5.000	4.893	448.08	0.0001	P	3.0
4	☐	50.000	53.121	5145.66	0.0007	P	0.6
5	☐	125.000	130.466	12768.88	0.0017	P	1.6
6	☐	250.000	256.905	25378.68	0.0034	P	0.3
7	☐	500.000	504.102	49779.04	0.0067	P	1.3
8	☐	1000.000	995.384	97684.79	0.0132	P	0.3
9	☐			70.41	0.0000	P	83.3

$$y = 1.3290\text{E-}005 * x - 3.9701\text{E-}006$$

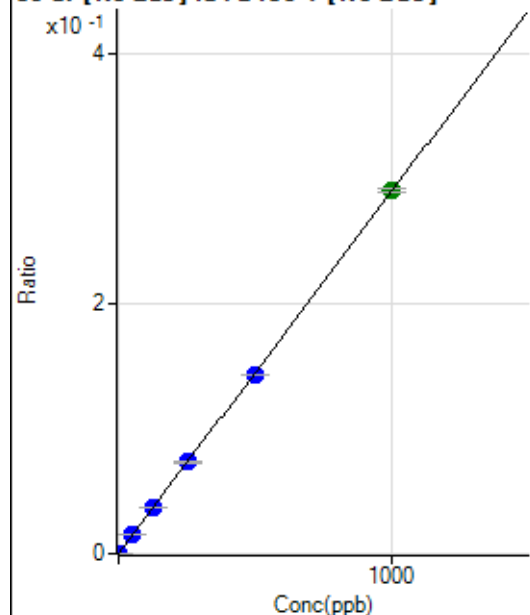
$$R = 1.0000$$

$$DL = 1.668$$

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	469.48	0.0001	P	15.5
2	☐	0.100					
3	☐	1.000	0.963	2544.81	0.0003	P	6.5
4	☐	50.000	51.146	109156.10	0.0149	P	0.5
5	☐	125.000	128.168	274715.40	0.0372	P	0.7
6	☐	250.000	252.607	545361.70	0.0733	P	0.7
7	☐	500.000	494.312	1065708.31	0.1433	P	0.5
8	☐	1000.000	1001.739	2145121.21	0.2904	A	0.9
9	☐			69256.76	0.0098	P	1.4

$$y = 2.8986E-004 * x + 6.7556E-005$$

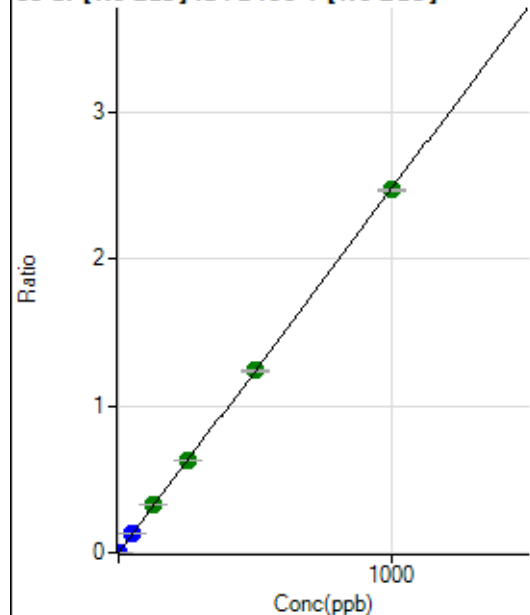
$$R = 1.0000$$

$$DL = 0.1085$$

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	133.34	0.0000	P	25.8
2	☐	0.100					
3	☐	1.000	0.934	17125.32	0.0023	P	2.6
4	☐	50.000	52.179	947987.18	0.1293	P	0.5
5	☐	125.000	132.010	2415062.18	0.3272	A	0.5
6	☐	250.000	255.907	4719742.47	0.6342	A	0.1
7	☐	500.000	500.723	9225949.68	1.2410	A	1.2
8	☐	1000.000	997.177	18254183.05	2.4714	A	0.3
9	☐			604973.05	0.0852	P	0.5

$$y = 0.0025 * x + 1.9279E-005$$

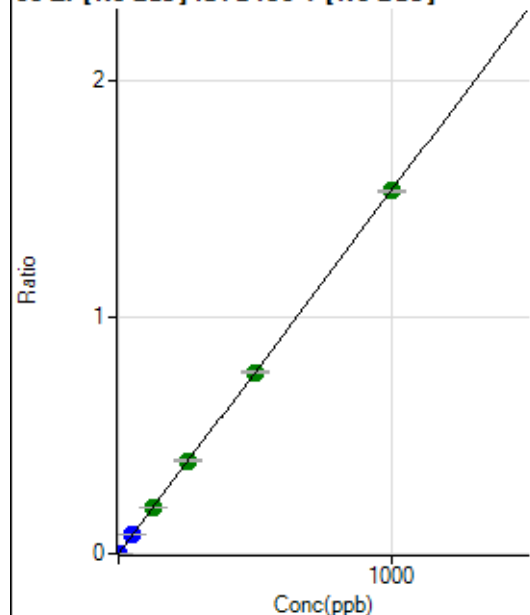
$$R = 1.0000$$

$$DL = 0.006012$$

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	455.58	0.0001	P	14.1
2	☐	0.100					
3	☐	1.000	0.912	10763.05	0.0015	P	3.4
4	☐	50.000	50.709	572214.79	0.0781	P	0.9
5	☐	125.000	128.459	1459091.54	0.1977	A	0.2
6	☐	250.000	255.685	2927334.01	0.3934	A	0.8
7	☐	500.000	498.752	5704364.41	0.7673	A	0.8
8	☐	1000.000	998.735	11348168.66	1.5364	A	0.3
9	☐			2469.77	0.0003	P	5.0

$$y = 0.0015 * x + 6.4688E-005$$

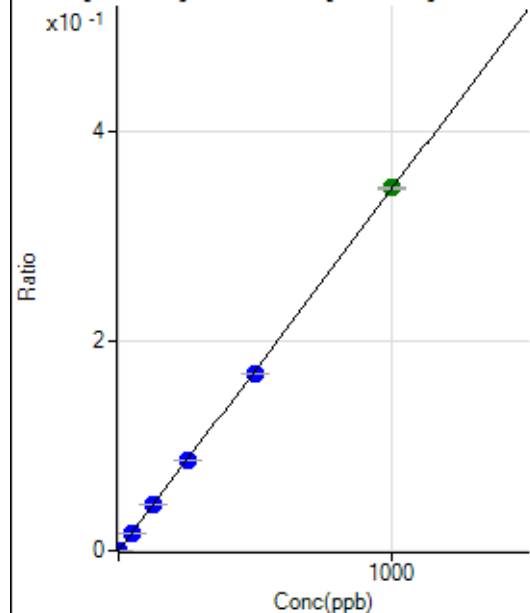
$$R = 1.0000$$

$$DL = 0.01773$$

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	105.56	0.0000	P	12.6
2	☐	0.100					
3	☐	1.000	0.886	2350.32	0.0003	P	5.7
4	☐	50.000	50.191	126870.35	0.0173	P	0.5
5	☐	125.000	126.037	320673.72	0.0434	P	0.6
6	☐	250.000	250.676	642874.19	0.0864	P	0.4
7	☐	500.000	490.574	1256809.88	0.1691	P	0.6
8	☐	1000.000	1004.405	2556357.33	0.3461	A	0.5
9	☐			483.36	0.0001	P	9.4

$$y = 3.4457E-004 * x + 1.5059E-005$$

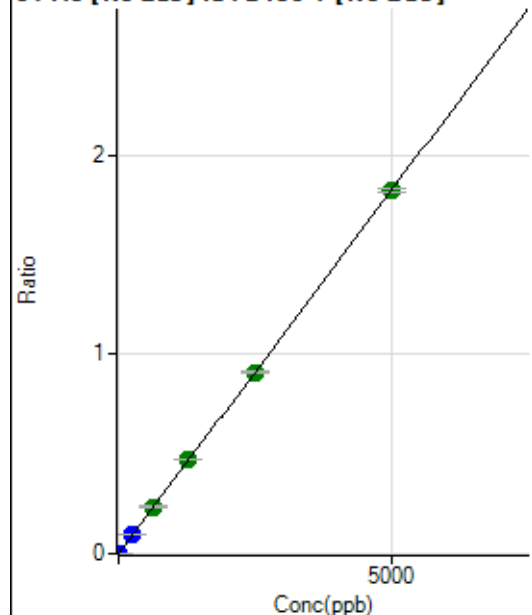
$$R = 0.9999$$

$$DL = 0.01658$$

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	202.79	0.0000	P	13.6
2	☐	0.500					
3	☐	5.000	4.470	12167.12	0.0017	P	1.6
4	☐	250.000	255.435	682666.26	0.0931	P	0.5
5	☐	625.000	647.720	1742959.30	0.2361	A	0.5
6	☐	1250.000	1286.664	3490314.53	0.4690	A	0.1
7	☐	2500.000	2493.250	6756751.89	0.9088	A	0.9
8	☐	5000.000	4991.098	13437505.51	1.8193	A	1.2
9	☐			5912.67	0.0008	P	3.8

$$y = 3.6451\text{E-}004 * x + 2.8870\text{E-}005$$

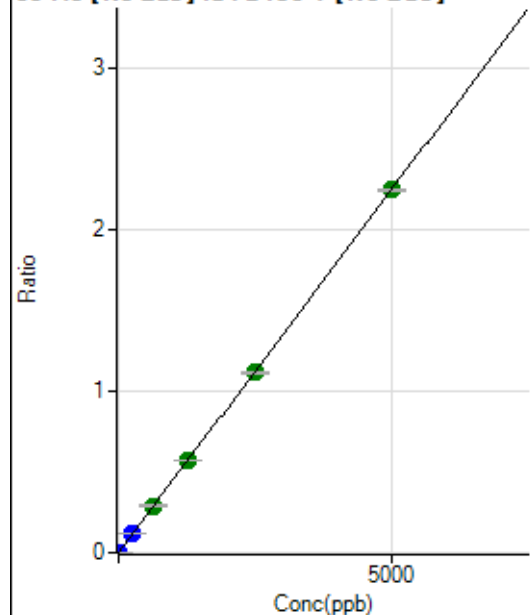
$$R = 1.0000$$

$$DL = 0.03223$$

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	66.67	0.0000	P	29.6
2	☐	0.500					
3	☐	5.000	4.429	14664.08	0.0020	P	0.9
4	☐	250.000	253.823	835553.62	0.1140	P	0.8
5	☐	625.000	648.667	2150369.67	0.2913	A	0.5
6	☐	1250.000	1279.750	4276791.50	0.5747	A	0.7
7	☐	2500.000	2482.974	8289936.90	1.1151	A	1.0
8	☐	5000.000	4997.927	16578177.80	2.2445	A	0.5
9	☐			9070.11	0.0013	P	2.4

$$y = 4.4908\text{E-}004 * x + 9.6630\text{E-}006$$

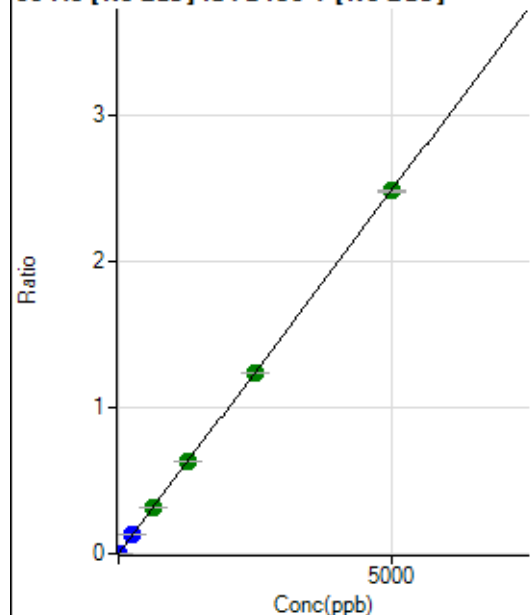
$$R = 1.0000$$

$$DL = 0.0191$$

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	116.67	0.0000	P	42.4
2	☐	0.500					
3	☐	5.000	4.489	16485.71	0.0022	P	2.7
4	☐	250.000	256.164	932612.20	0.1272	P	0.5
5	☐	625.000	646.618	2370561.29	0.3212	A	0.4
6	☐	1250.000	1275.420	4713781.23	0.6334	A	0.3
7	☐	2500.000	2491.252	9198554.20	1.2373	A	0.2
8	☐	5000.000	4995.009	18323158.57	2.4807	A	0.6
9	☐			12080.87	0.0017	P	2.8

$$y = 4.9664\text{E-}004 * x + 1.6978\text{E-}005$$

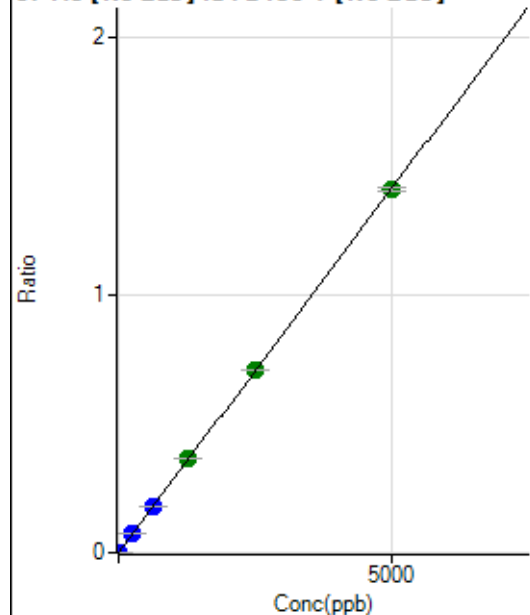
$$R = 1.0000$$

$$DL = 0.0435$$

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	41.67	0.0000	P	66.2
2	☐	0.500					
3	☐	5.000	4.347	9072.90	0.0012	P	2.0
4	☐	250.000	251.962	522671.06	0.0713	P	0.1
5	☐	625.000	626.498	1308723.81	0.1773	P	0.4
6	☐	1250.000	1285.737	2707654.66	0.3639	A	0.6
7	☐	2500.000	2512.541	5286169.30	0.7110	A	0.6
8	☐	5000.000	4984.511	10418736.95	1.4106	A	1.0
9	☐			5634.72	0.0008	P	3.3

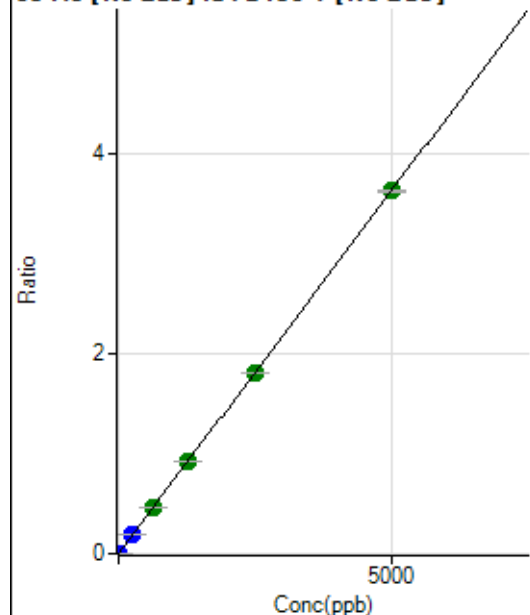
$$y = 2.8299\text{E-}004 * x + 6.1236\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.04297$$

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	58.34	0.0000	P	45.2
2	☐	0.500					
3	☐	5.000	4.506	24044.26	0.0033	P	0.7
4	☐	250.000	254.603	1353791.50	0.1847	P	0.4
5	☐	625.000	638.651	3419647.86	0.4633	A	1.0
6	☐	1250.000	1265.941	6833847.46	0.9183	A	0.2
7	☐	2500.000	2492.419	13441874.78	1.8080	A	0.5
8	☐	5000.000	4997.869	26778528.72	3.6255	A	0.8
9	☐			14241.41	0.0020	P	1.1

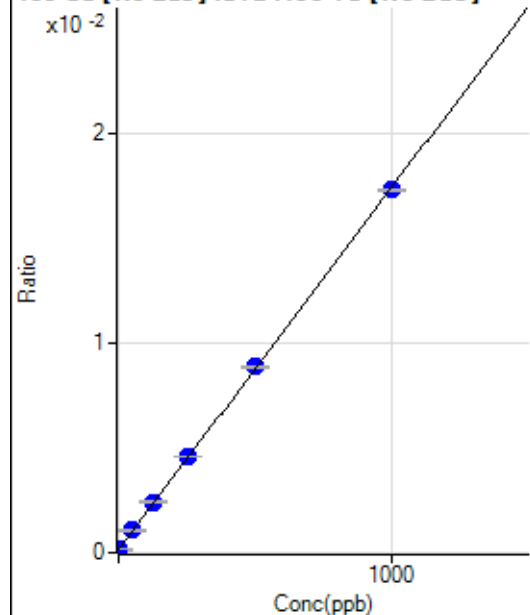
$$y = 7.2541\text{E-}004 * x + 8.2562\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01543$$

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	1294.57	0.0001	P	11.9
2	☐	0.100					
3	☐	1.000	0.934	1514.05	0.0002	P	2.8
4	☐	50.000	52.951	10226.48	0.0011	P	1.1
5	☐	125.000	132.012	23774.46	0.0024	P	1.8
6	☐	250.000	257.776	45703.48	0.0046	P	1.3
7	☐	500.000	505.608	89544.02	0.0089	P	0.9
8	☐	1000.000	994.228	175441.16	0.0173	P	0.9
9	☐			1425.13	0.0001	P	8.5

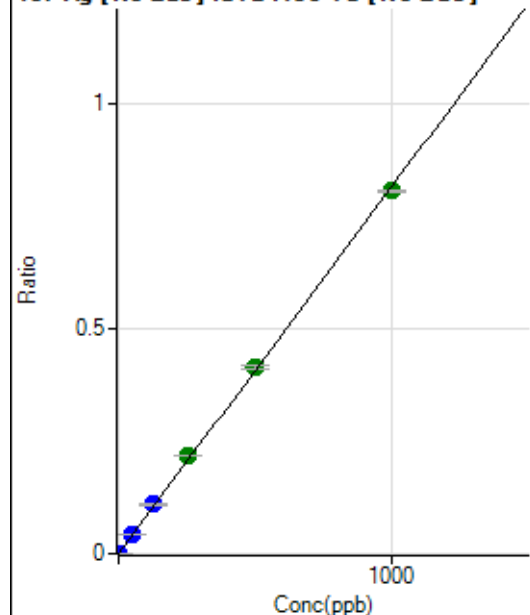
$$y = 1.7251\text{E-}005 * x + 1.4205\text{E-}004$$

$$R = 0.9999$$

$$DL = 2.928$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	57.2
2	☐	0.100					
3	☐	1.000	0.983	7738.69	0.0008	P	3.1
4	☐	50.000	54.218	427463.57	0.0441	P	0.3
5	☐	125.000	133.882	1070446.86	0.1089	P	0.8
6	☐	250.000	267.312	2166011.68	0.2175	A	0.9
7	☐	500.000	509.619	4188403.22	0.4146	A	1.4
8	☐	1000.000	989.541	8167624.23	0.8051	A	0.8
9	☐			630.60	0.0001	P	6.8

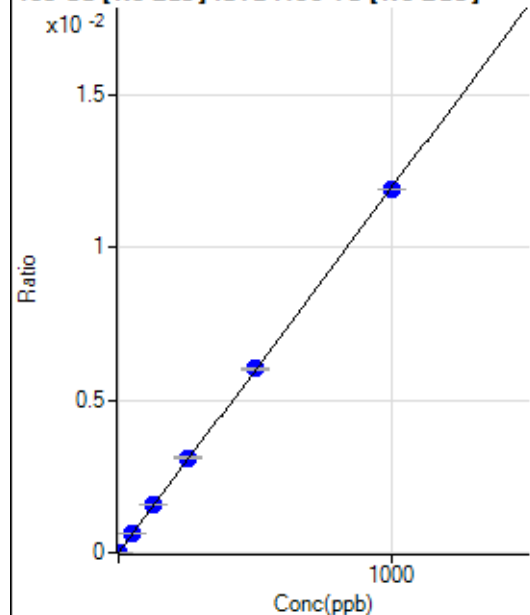
$$y = 8.1357\text{E-}004 * x + 8.9236\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01882$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.94	0.0000	P	95.0
2	☐	0.100					
3	☐	1.000	0.832	102.78	0.0000	P	30.0
4	☐	50.000	54.271	6298.84	0.0007	P	1.3
5	☐	125.000	132.631	15602.36	0.0016	P	0.4
6	☐	250.000	259.728	30958.08	0.0031	P	0.9
7	☐	500.000	504.170	60945.42	0.0060	P	1.4
8	☐	1000.000	994.315	120704.91	0.0119	P	0.1
9	☐			34.72	0.0000	P	25.0

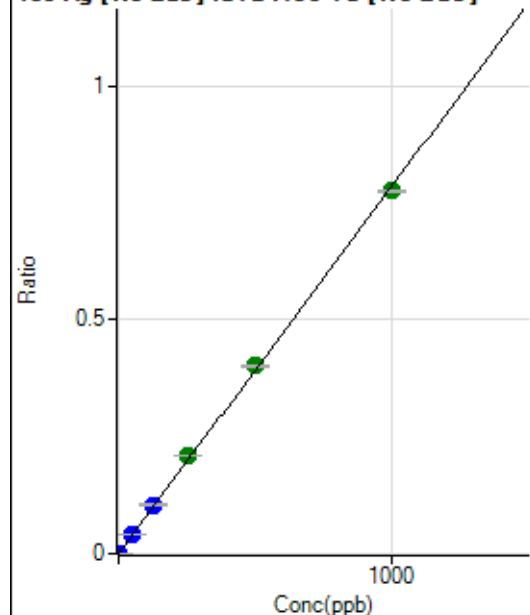
$$y = 1.1965\text{E-}005 * x + 7.8244\text{E-}007$$

$$R = 0.9999$$

$$DL = 0.1864$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	44.0
2	☐	0.100					
3	☐	1.000	0.954	7216.18	0.0008	P	3.8
4	☐	50.000	53.867	409803.30	0.0423	P	1.1
5	☐	125.000	133.102	1026971.95	0.1045	P	0.8
6	☐	250.000	266.913	2087133.73	0.2096	A	0.9
7	☐	500.000	511.640	4058000.96	0.4017	A	1.2
8	☐	1000.000	988.746	7875786.20	0.7763	A	0.2
9	☐			622.27	0.0001	P	7.6

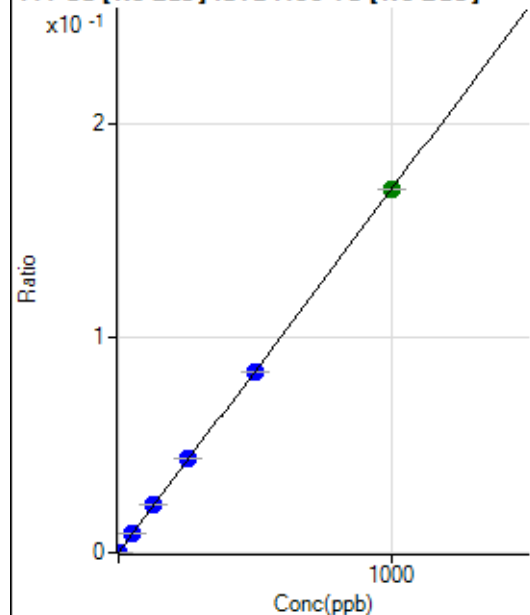
$$y = 7.8513\text{E-}004 * x + 4.9371\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.008298$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	915.23	0.0001	P	11.0
2	☐	0.100					
3	☐	1.000	0.961	2518.57	0.0003	P	5.5
4	☐	50.000	53.200	88273.17	0.0091	P	1.5
5	☐	125.000	130.534	218250.13	0.0222	P	0.4
6	☐	250.000	258.398	436874.89	0.0439	P	0.7
7	☐	500.000	497.471	852184.95	0.0844	P	0.4
8	☐	1000.000	998.313	1716453.91	0.1692	A	0.1
9	☐			1301.08	0.0001	P	6.5

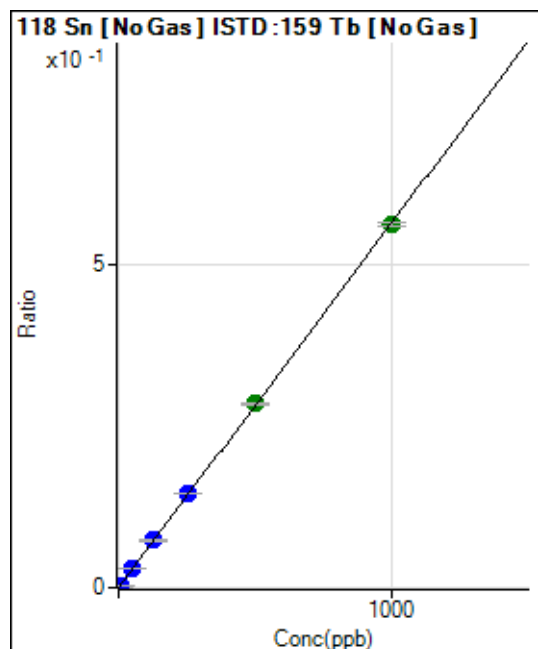
$$y = 1.6937\text{E-}004 * x + 1.0037\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1952$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	819.51	0.0001	P	10.7
2	☐	0.500					
3	☐	5.000	4.525	25233.01	0.0026	P	0.7
4	☐	50.000	52.316	286100.48	0.0295	P	0.6
5	☐	125.000	129.645	717775.75	0.0730	P	1.4
6	☐	250.000	256.815	1440168.59	0.1446	P	0.8
7	☐	500.000	504.453	2868533.29	0.2840	A	0.4
8	☐	1000.000	995.376	5683407.85	0.5602	A	1.0
9	☐			5996.04	0.0006	P	3.1

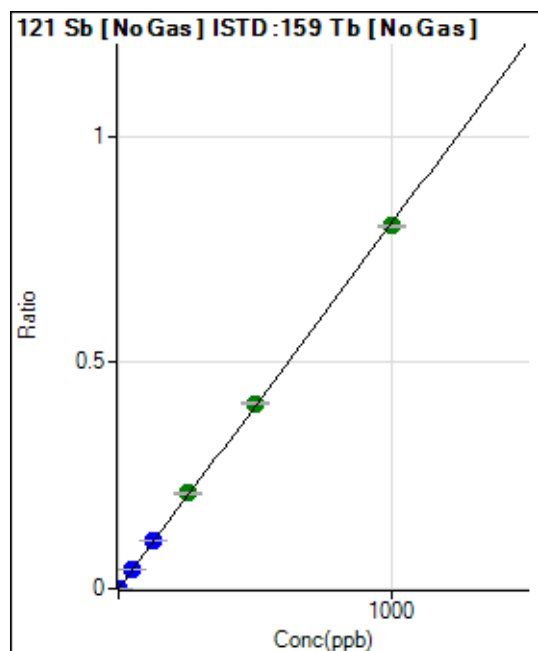
$$y = 5.6272\text{E-}004 * x + 8.9832\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.05113$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	43.4
2	☐	0.200					
3	☐	2.000	1.809	14074.70	0.0015	P	4.1
4	☐	50.000	52.194	408644.17	0.0422	P	0.4
5	☐	125.000	129.568	1028765.98	0.1047	P	0.4
6	☐	250.000	260.614	2097043.69	0.2106	A	0.8
7	☐	500.000	506.934	4137383.95	0.4096	A	0.7
8	☐	1000.000	993.199	8140741.41	0.8024	A	0.5
9	☐			11561.15	0.0012	P	2.8

$$y = 8.0790\text{E-}004 * x + 9.3246\text{E-}006$$

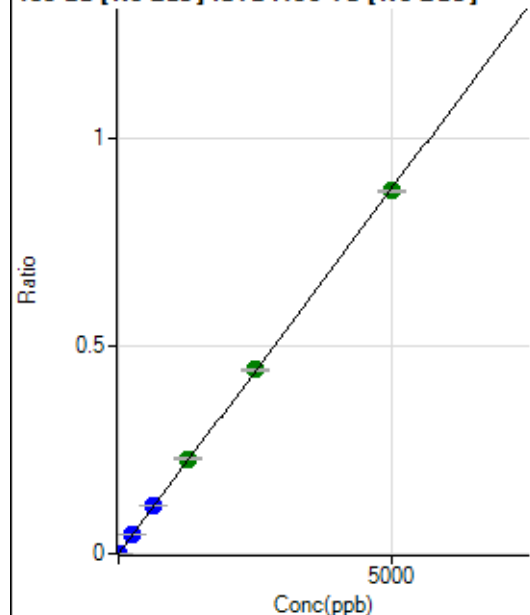
$$R = 0.9999$$

$$DL = 0.01504$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	52.8
2	☐	1.000					
3	☐	10.000	9.245	15601.47	0.0016	P	2.6
4	☐	250.000	260.143	443472.35	0.0458	P	0.8
5	☐	625.000	649.959	1123757.25	0.1144	P	0.7
6	☐	1250.000	1304.338	2285491.30	0.2295	A	1.2
7	☐	2500.000	2521.354	4481277.40	0.4436	A	1.0
8	☐	5000.000	4972.113	8874938.13	0.8748	A	0.7
9	☐			2366.99	0.0002	P	3.3

$$y = 1.7594E-004 * x + 3.3125E-006$$

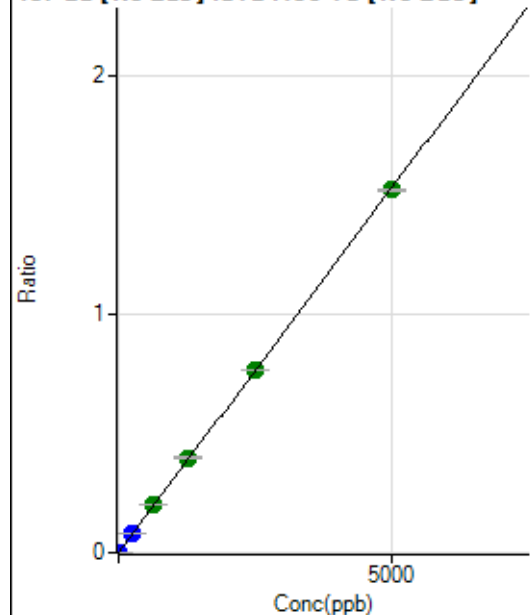
$$R = 0.9999$$

$$DL = 0.02982$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	34.4
2	☐	1.000					
3	☐	10.000	9.052	26577.74	0.0028	P	2.7
4	☐	250.000	263.474	781067.46	0.0806	P	0.5
5	☐	625.000	656.656	1974239.30	0.2009	A	1.5
6	☐	1250.000	1304.575	3975138.46	0.3991	A	0.8
7	☐	2500.000	2507.807	7750884.98	0.7673	A	0.4
8	☐	5000.000	4977.824	15450757.81	1.5230	A	0.4
9	☐			4273.12	0.0004	P	4.3

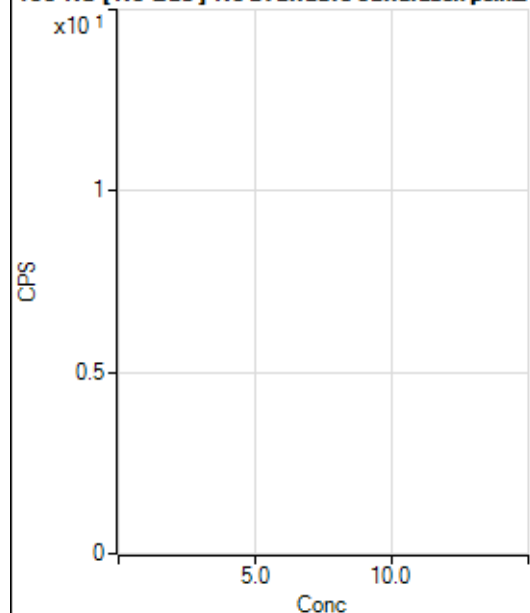
$$y = 3.0595E-004 * x + 7.0815E-006$$

$$R = 0.9999$$

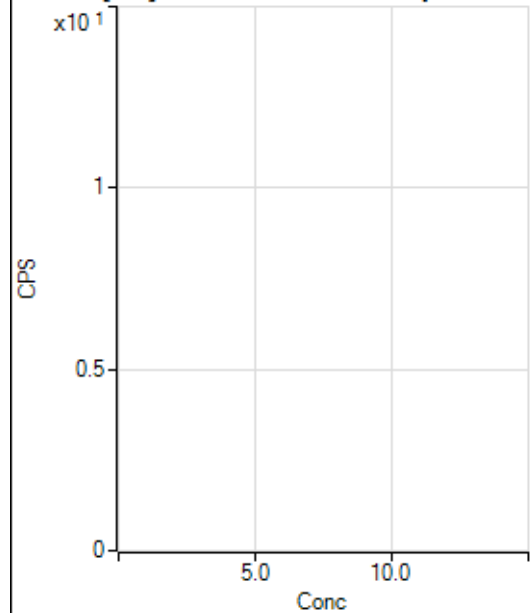
$$DL = 0.02391$$

Weight: <None>

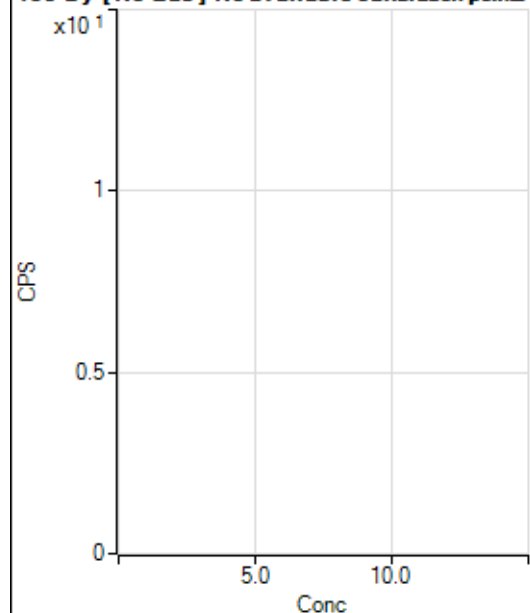
Min Conc: 0

150 Nd [No Gas] No available calibration points

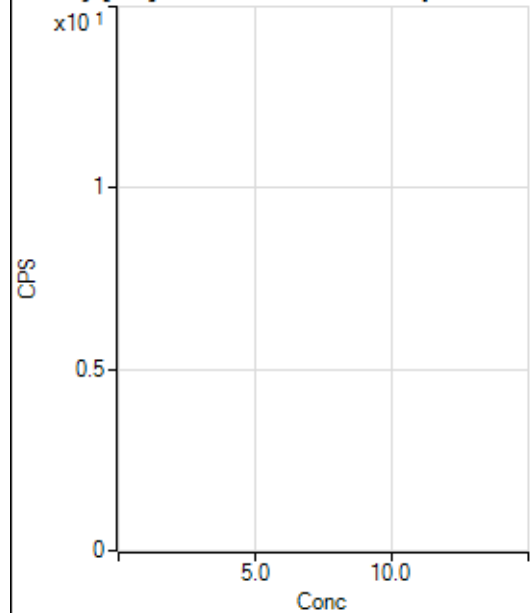
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			15.55		P	24.8
4	☐			40.00		P	16.7
5	☐			62.23		P	65.5
6	☐			117.78		P	21.4
7	☐			208.90		P	10.3
8	☐			353.35		P	14.7
9	☐			86.67		P	35.3

150 Nd [He] No available calibration points

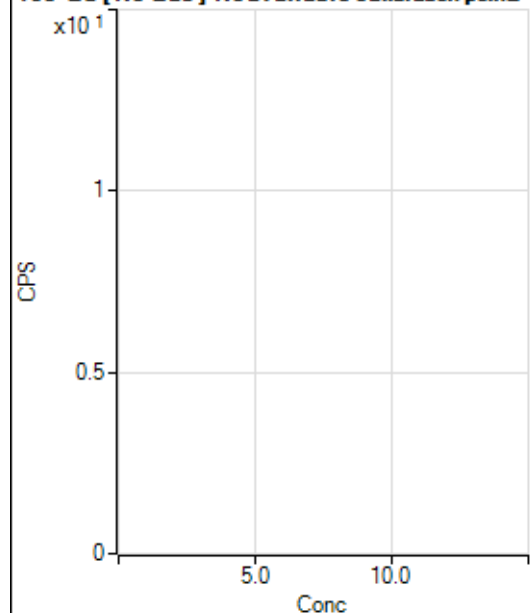
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			0.00		P	
6	☐			1.11		P	173.2
7	☐			3.33		P	173.2
8	☐			3.33		P	100.1
9	☐			7.78		P	65.5

156 Dy [No Gas] No available calibration points

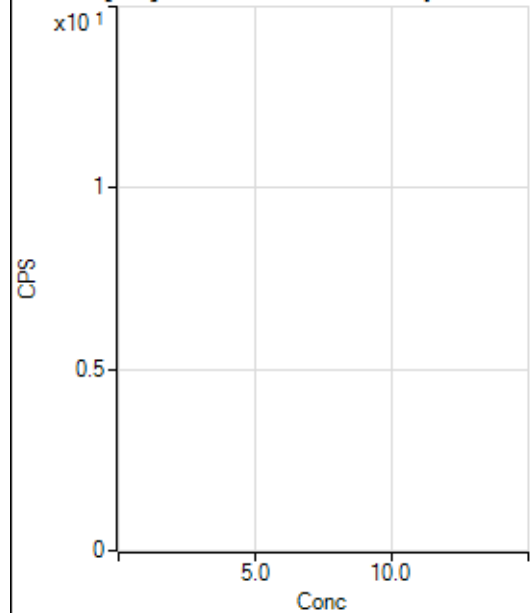
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐						
3	☐			2.78		P	173.2
4	☐			16.67		P	NaN
5	☐			30.55		P	15.7
6	☐			27.78		P	86.6
7	☐			55.56		P	34.6
8	☐			97.23		P	19.8
9	☐			80.56		P	21.5

156 Dy [He] No available calibration points

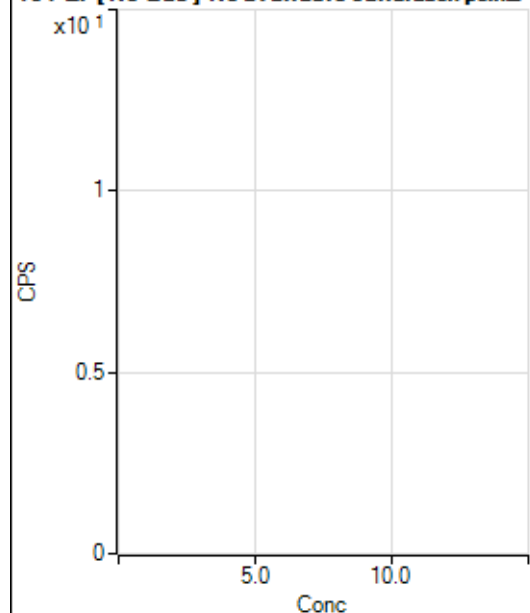
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			3.33		P	100.1
4	☐			1.11		P	173.2
5	☐			1.11		P	173.2
6	☐			3.33		P	0.0
7	☐			4.45		P	86.6
8	☐			7.78		P	107.8
9	☐			4.44		P	173.2

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

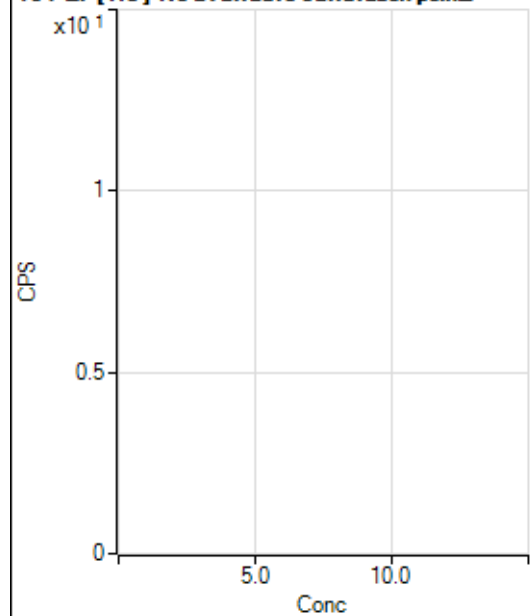
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	48.0
2	☐						
3	☐			52.78		P	48.2
4	☐			55.56		P	48.2
5	☐			30.56		P	15.7
6	☐			38.89		P	24.7
7	☐			63.89		P	19.9
8	☐			44.45		P	57.3
9	☐			102.78		P	40.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			2.22		P	86.6
4	☐			3.33		P	173.2
5	☐			2.22		P	86.6
6	☐			6.67		P	100.0
7	☐			7.78		P	89.2
8	☐			7.78		P	65.5
9	☐			10.00		P	33.3

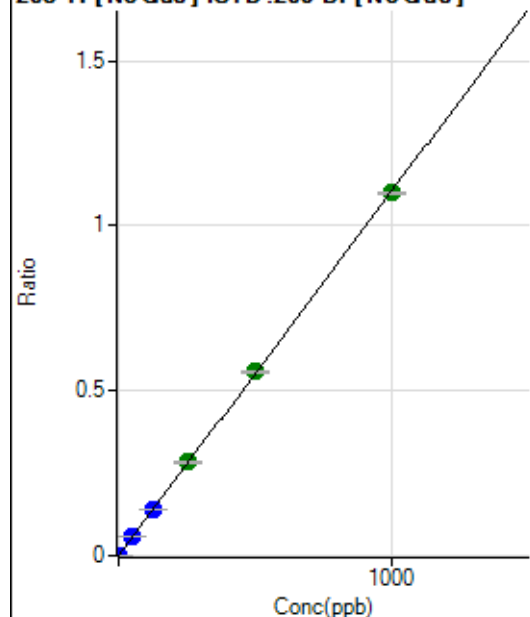
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐						
3	☐			36.12		P	58.1
4	☐			19.45		P	24.7
5	☐			50.00		P	33.3
6	☐			27.78		P	45.8
7	☐			58.34		P	24.7
8	☐			69.45		P	45.4
9	☐			52.78		P	50.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐						
3	☐			6.67		P	100.0
4	☐			5.56		P	34.7
5	☐			3.33		P	0.0
6	☐			4.44		P	43.4
7	☐			5.56		P	34.7
8	☐			6.67		P	50.0
9	☐			6.67		P	50.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	169.45	0.0000	P	33.0
2	☐	0.100					
3	☐	1.000	0.887	6290.72	0.0010	P	6.7
4	☐	50.000	50.843	350779.83	0.0562	P	0.2
5	☐	125.000	126.635	889549.48	0.1399	P	0.3
6	☐	250.000	256.146	1826510.24	0.2829	A	0.9
7	☐	500.000	504.523	3636736.54	0.5571	A	1.0
8	☐	1000.000	995.955	7164486.27	1.0998	A	0.6
9	☐			3989.71	0.0007	P	5.0

$$y = 0.0011 * x + 2.8089E-005$$

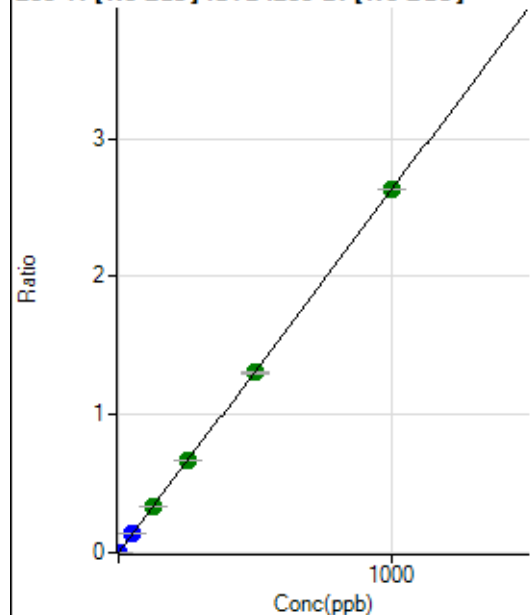
$$R = 1.0000$$

$$DL = 0.02519$$

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	355.58	0.0001	P	24.8
2	☐	0.100					
3	☐	1.000	0.906	15240.34	0.0024	P	1.4
4	☐	50.000	50.797	834397.60	0.1336	P	0.5
5	☐	125.000	129.384	2163874.68	0.3402	A	0.4
6	☐	250.000	256.179	4349370.02	0.6736	A	0.6
7	☐	500.000	495.870	8510251.23	1.3037	A	0.6
8	☐	1000.000	999.933	17126480.77	2.6290	A	0.2
9	☐			8650.57	0.0014	P	8.7

$$y = 0.0026 * x + 5.8714E-005$$

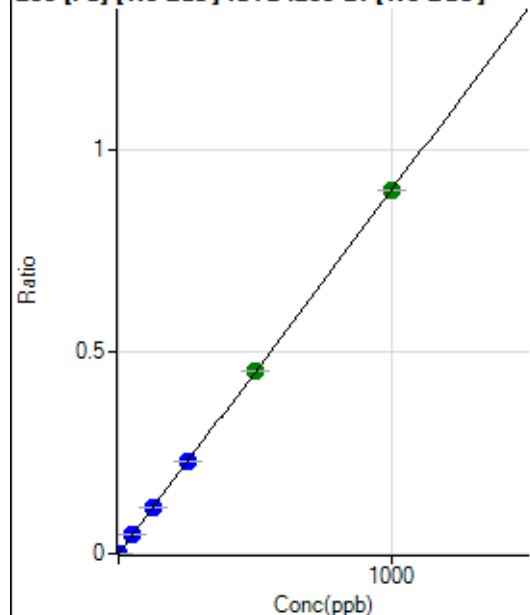
$$R = 1.0000$$

$$DL = 0.01665$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	331.49	0.0001	P	17.9
2	☐	0.100					
3	☐	1.000	0.863	5191.96	0.0008	P	1.0
4	☐	50.000	50.618	285201.05	0.0457	P	0.8
5	☐	125.000	125.981	722404.77	0.1136	P	0.3
6	☐	250.000	251.608	1464432.40	0.2268	P	0.2
7	☐	500.000	502.804	2957997.87	0.4532	A	0.5
8	☐	1000.000	998.043	5859413.61	0.8994	A	0.1
9	☐			11392.48	0.0019	P	1.7

$$y = 9.0114\text{E-}004 * x + 5.3698\text{E-}005$$

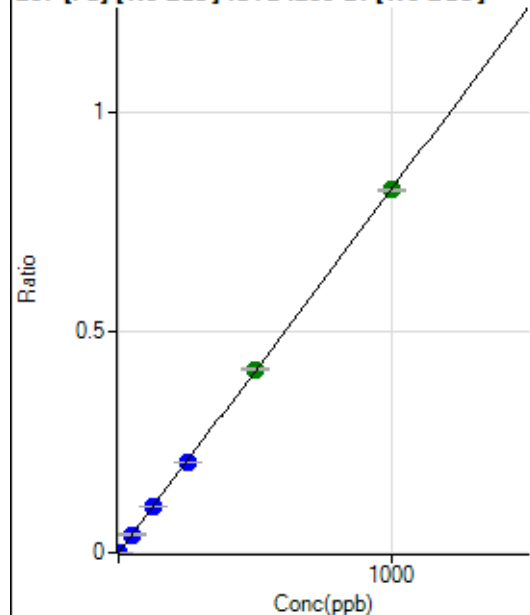
$$R = 1.0000$$

$$DL = 0.03194$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.72	0.0000	P	5.8
2	☐	0.100					
3	☐	1.000	0.899	4886.25	0.0008	P	1.7
4	☐	50.000	50.124	258326.23	0.0414	P	0.5
5	☐	125.000	125.191	656709.29	0.1033	P	0.0
6	☐	250.000	249.501	1328466.64	0.2057	P	0.6
7	☐	500.000	503.823	2711586.52	0.4154	A	0.7
8	☐	1000.000	998.183	5361214.88	0.8230	A	0.3
9	☐			9841.13	0.0016	P	3.7

$$y = 8.2442\text{E-}004 * x + 4.1315\text{E-}005$$

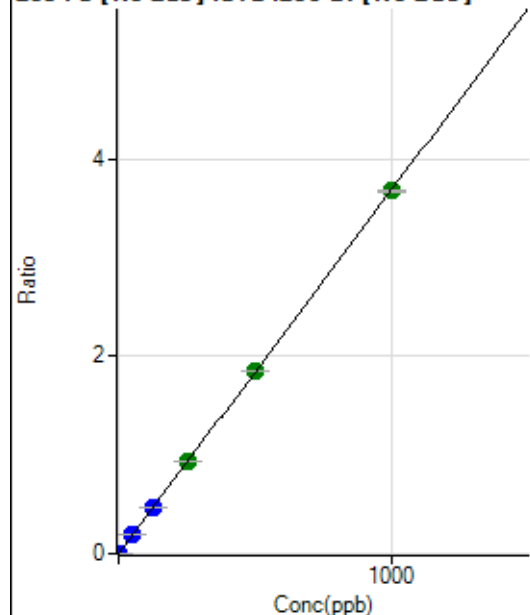
$$R = 1.0000$$

$$DL = 0.008675$$

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	1242.65	0.0002	P	1.3
2	☐	0.100					
3	☐	1.000	0.877	21442.87	0.0034	P	0.7
4	☐	50.000	50.320	1159696.55	0.1857	P	0.3
5	☐	125.000	125.730	2949172.17	0.4637	P	0.2
6	☐	250.000	254.090	6049470.29	0.9369	A	0.7
7	☐	500.000	502.551	12094062.60	1.8528	A	0.3
8	☐	1000.000	997.595	23958124.38	3.6776	A	0.3
9	☐			45017.58	0.0075	P	1.5

$$y = 0.0037 * x + 2.0273E-004$$

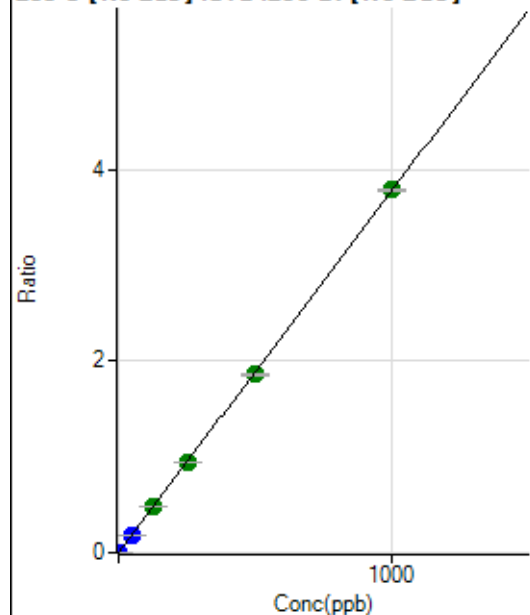
$$R = 1.0000$$

$$DL = 0.002151$$

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	33.33	0.0000	P	7.4
2	☐	0.100					
3	☐	1.000	0.829	19560.60	0.0031	P	2.1
4	☐	50.000	49.174	1158508.90	0.1855	P	0.2
5	☐	125.000	125.612	3013925.05	0.4739	A	0.7
6	☐	250.000	250.318	6097442.97	0.9443	A	0.8
7	☐	500.000	492.912	12137619.80	1.8594	A	0.4
8	☐	1000.000	1003.429	24659134.06	3.7853	A	0.6
9	☐			1658.53	0.0003	P	5.6

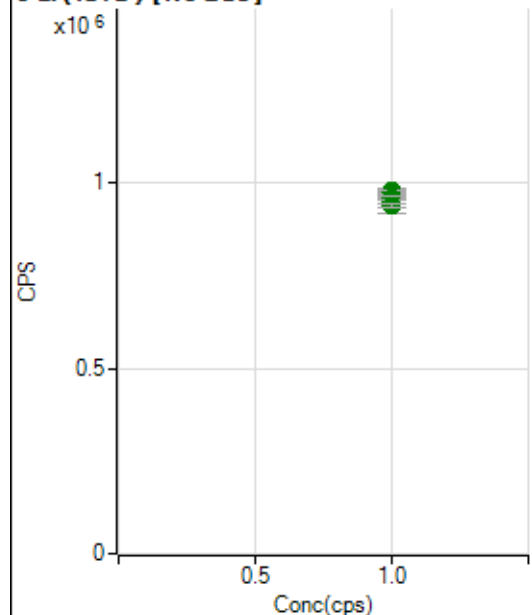
$$y = 0.0038 * x + 5.4579E-006$$

$$R = 1.0000$$

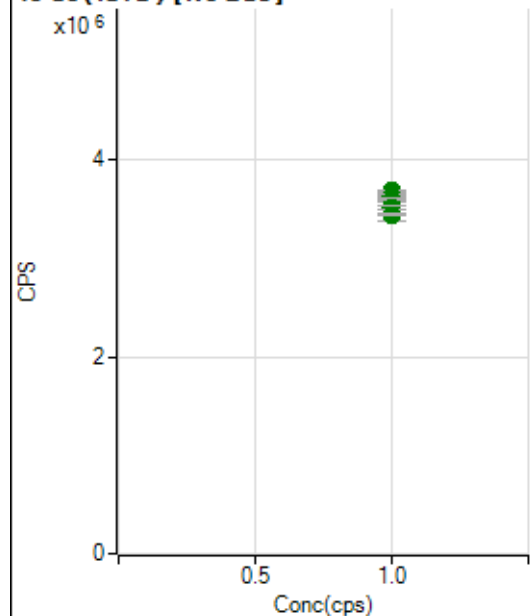
$$DL = 0.0003216$$

Weight: <None>

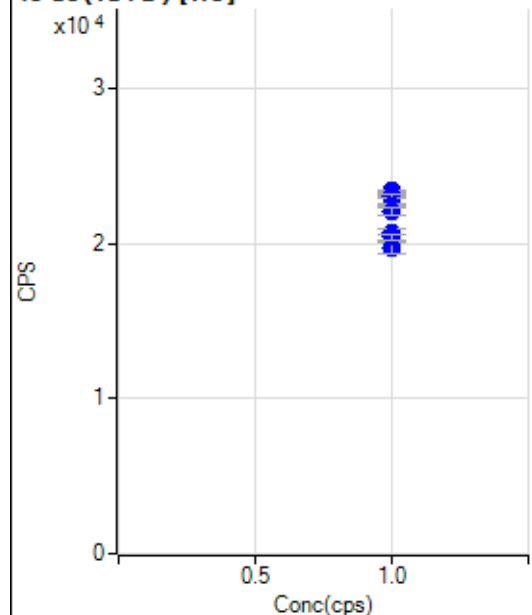
Min Conc: 0

6 Li (ISTD) [No Gas]

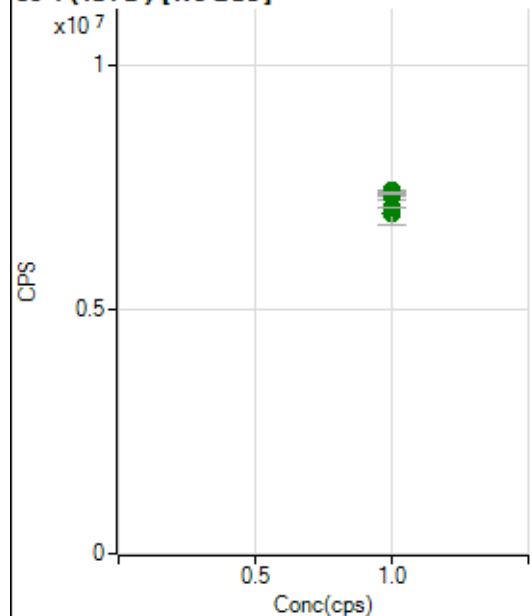
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		946950.21		A	6.7
2	☐	1.000					
3	☐	1.000		966576.64		A	1.5
4	☐	1.000		967883.52		A	0.8
5	☐	1.000		968208.55		A	0.8
6	☐	1.000		977810.80		A	0.9
7	☐	1.000		974431.23		A	1.1
8	☐	1.000		959428.94		A	1.5
9	☐	1.000		937965.98		A	1.3

45 Sc (ISTD) [No Gas]

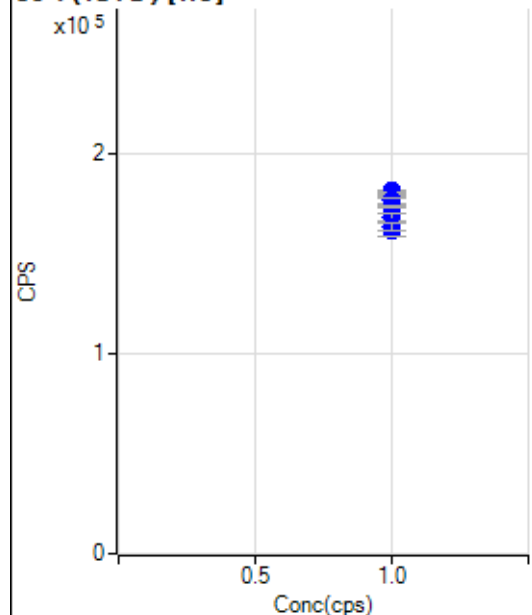
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3500577.48		A	7.3
2	☐	1.000					
3	☐	1.000		3685282.81		A	0.7
4	☐	1.000		3680133.33		A	0.4
5	☐	1.000		3630900.00		A	0.8
6	☐	1.000		3588708.50		A	0.5
7	☐	1.000		3602985.06		A	0.9
8	☐	1.000		3514156.24		A	1.1
9	☐	1.000		3444742.18		A	0.4

45 Sc (ISTD) [He]

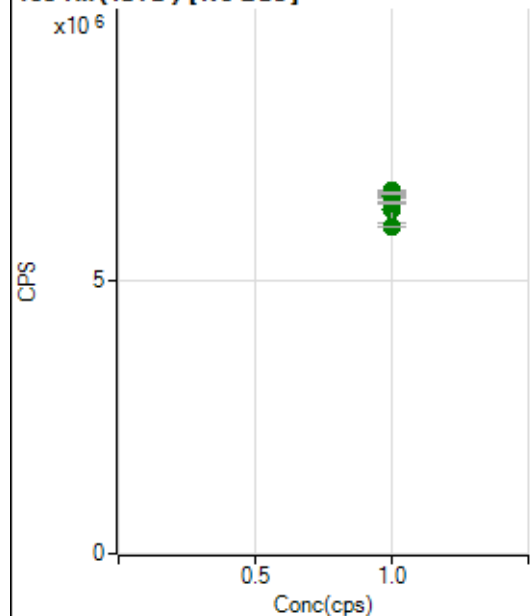
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23366.33		P	0.8
2	☐	1.000					
3	☐	1.000		23181.59		P	1.5
4	☐	1.000		23051.30		P	1.1
5	☐	1.000		22445.86		P	0.7
6	☐	1.000		22013.00		P	2.0
7	☐	1.000		20737.75		P	1.6
8	☐	1.000		19694.09		P	3.9
9	☐	1.000		20380.53		P	1.8

89 Y (ISTD) [No Gas]

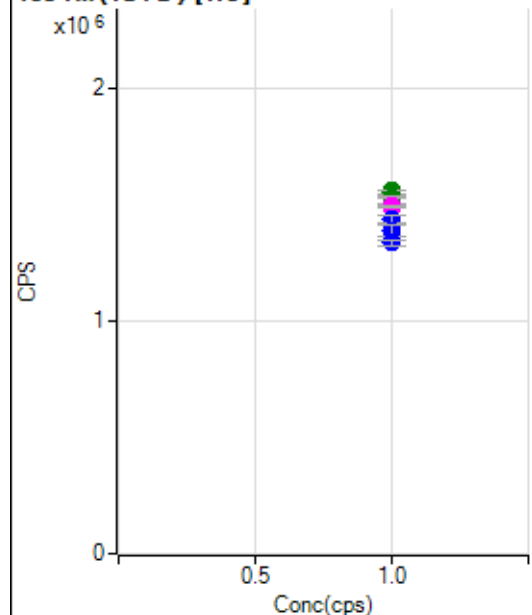
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6997154.48		A	7.1
2	☐	1.000					
3	☐	1.000		7337947.32		A	0.4
4	☐	1.000		7329626.21		A	0.1
5	☐	1.000		7381516.49		A	0.7
6	☐	1.000		7441549.47		A	0.3
7	☐	1.000		7434541.35		A	0.2
8	☐	1.000		7386330.17		A	0.7
9	☐	1.000		7100304.89		A	0.4

89 Y (ISTD) [He]

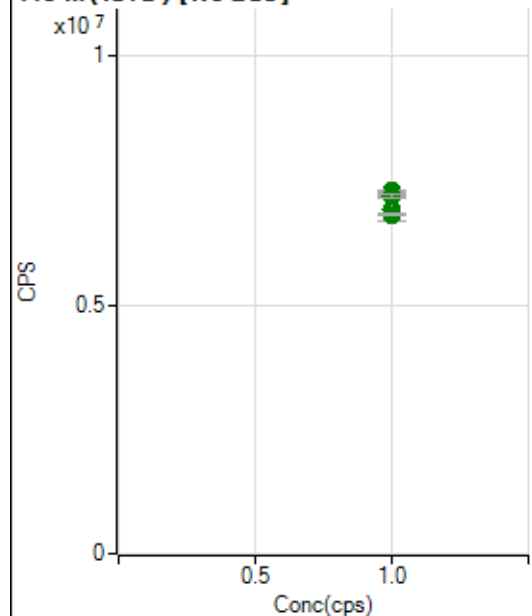
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		178846.01		P	0.3
2	☐	1.000					
3	☐	1.000		181188.08		P	0.4
4	☐	1.000		180083.30		P	0.4
5	☐	1.000		176586.98		P	1.5
6	☐	1.000		173261.65		P	0.4
7	☐	1.000		167885.41		P	2.6
8	☐	1.000		161724.97		P	4.1
9	☐	1.000		163049.32		P	2.5

103 Rh (ISTD) [No Gas]

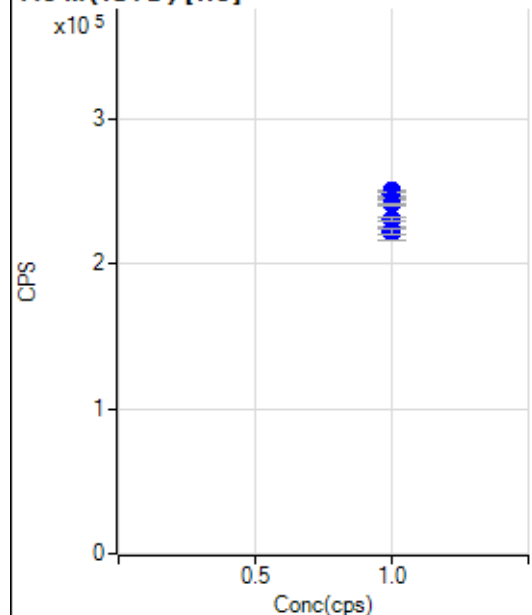
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6319017.33		A	7.9
2	☐	1.000					
3	☐	1.000		6654615.55		A	0.7
4	☐	1.000		6631609.26		A	0.5
5	☐	1.000		6564416.29		A	0.7
6	☐	1.000		6599422.15		A	0.3
7	☐	1.000		6601910.65		A	0.4
8	☐	1.000		6425874.36		A	0.4
9	☐	1.000		5999070.40		A	0.2

103 Rh (ISTD) [He]

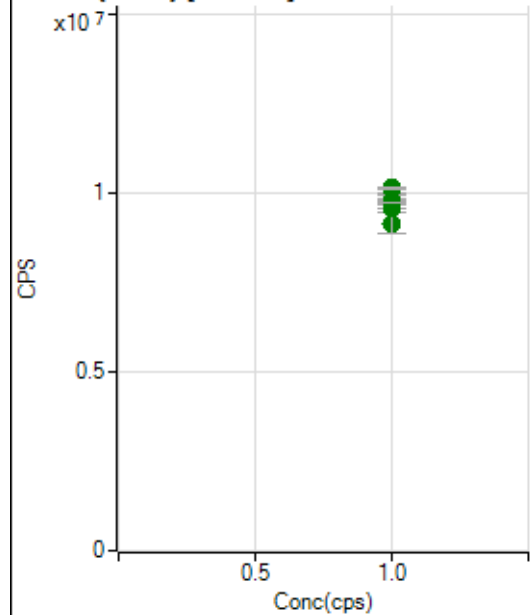
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1559019.42		A	0.1
2	☐	1.000					
3	☐	1.000		1550888.64		A	0.9
4	☐	1.000		1530461.71		A	0.4
5	☐	1.000		1497902.70		M	0.4
6	☐	1.000		1489827.29		M	0.5
7	☐	1.000		1436638.66		P	1.9
8	☐	1.000		1386838.28		P	3.9
9	☐	1.000		1335330.37		P	1.8

115 In (ISTD) [No Gas]

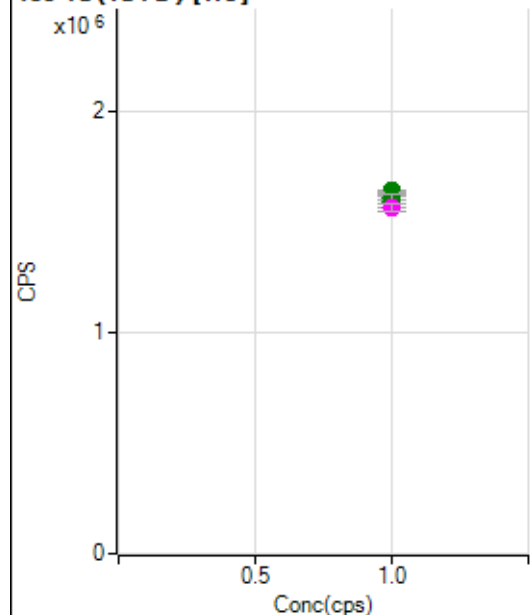
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6941548.56		A	7.5
2	☐	1.000					
3	☐	1.000		7215721.13		A	0.3
4	☐	1.000		7209234.42		A	0.4
5	☐	1.000		7275837.25		A	0.9
6	☐	1.000		7297238.67		A	0.6
7	☐	1.000		7287638.71		A	0.7
8	☐	1.000		7193379.86		A	0.7
9	☐	1.000		6825748.67		A	0.2

115 In (ISTD) [He]

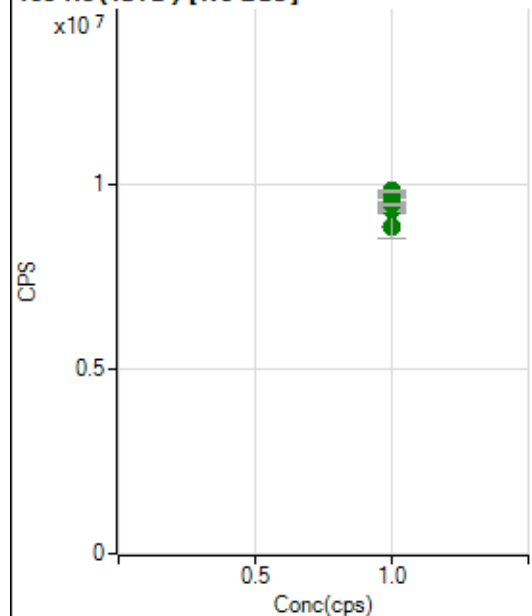
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		246437.21		P	0.6
2	☐	1.000					
3	☐	1.000		250691.97		P	0.4
4	☐	1.000		248828.50		P	0.9
5	☐	1.000		244975.53		P	0.8
6	☐	1.000		241456.98		P	0.5
7	☐	1.000		231175.72		P	1.3
8	☐	1.000		221498.42		P	4.4
9	☐	1.000		222948.64		P	1.6

159 Tb (ISTD) [No Gas]

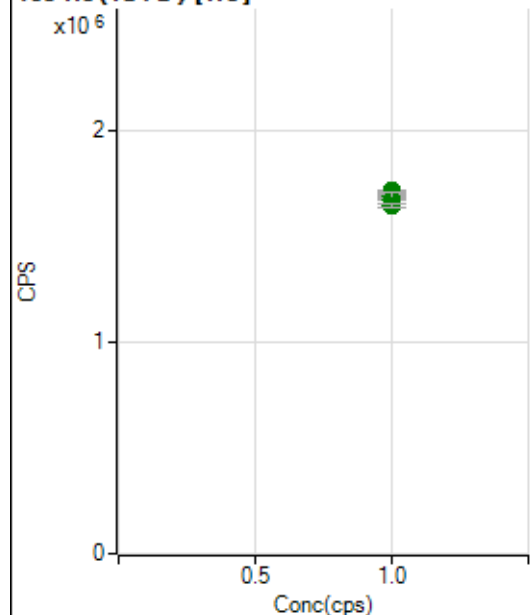
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9158329.38		A	6.7
2	☐	1.000					
3	☐	1.000		9572390.20		A	0.2
4	☐	1.000		9688823.95		A	0.3
5	☐	1.000		9827203.67		A	0.8
6	☐	1.000		9959498.88		A	0.4
7	☐	1.000		10102077.91		A	0.3
8	☐	1.000		10145286.17		A	0.2
9	☐	1.000		9738969.85		A	0.2

159 Tb (ISTD) [He]

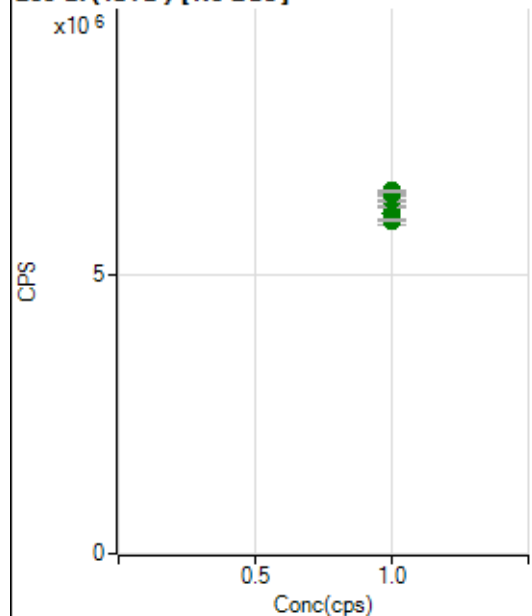
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1638840.83		A	0.2
2	☐	1.000					
3	☐	1.000		1631279.80		A	0.7
4	☐	1.000		1621475.01		A	0.4
5	☐	1.000		1622962.34		A	1.0
6	☐	1.000		1628846.09		A	0.9
7	☐	1.000		1610289.89		A	1.6
8	☐	1.000		1590249.44		A	3.9
9	☐	1.000		1564060.25		M	2.5

165 Ho (ISTD) [No Gas]

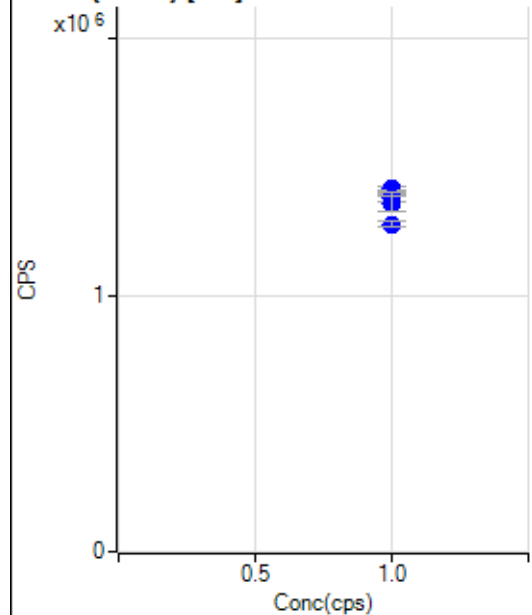
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8845408.62		A	7.6
2	☐	1.000					
3	☐	1.000		9302070.09		A	0.6
4	☐	1.000		9289227.55		A	0.7
5	☐	1.000		9527902.73		A	0.1
6	☐	1.000		9634732.94		A	0.5
7	☐	1.000		9726781.29		A	0.3
8	☐	1.000		9803416.80		A	0.5
9	☐	1.000		9439674.95		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1706425.18		A	1.4
2	☐	1.000					
3	☐	1.000		1714669.23		A	0.5
4	☐	1.000		1689716.85		A	1.2
5	☐	1.000		1708623.17		A	0.3
6	☐	1.000		1707526.35		A	0.6
7	☐	1.000		1686504.87		A	1.6
8	☐	1.000		1670898.01		A	4.0
9	☐	1.000		1644333.46		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6128272.55		A	7.1
2	☐	1.000					
3	☐	1.000		6243693.52		A	0.6
4	☐	1.000		6245091.92		A	0.2
5	☐	1.000		6360328.73		A	0.4
6	☐	1.000		6457321.22		A	0.6
7	☐	1.000		6527581.22		A	0.2
8	☐	1.000		6514570.60		A	0.4
9	☐	1.000		5996324.63		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1395002.46		P	0.2
2	☐	1.000					
3	☐	1.000		1414584.01		P	0.9
4	☐	1.000		1410839.34		P	0.4
5	☐	1.000		1408140.03		P	0.1
6	☐	1.000		1406471.84		P	0.1
7	☐	1.000		1383284.41		P	2.2
8	☐	1.000		1357676.81		P	4.3
9	☐	1.000		1277076.93		P	1.5

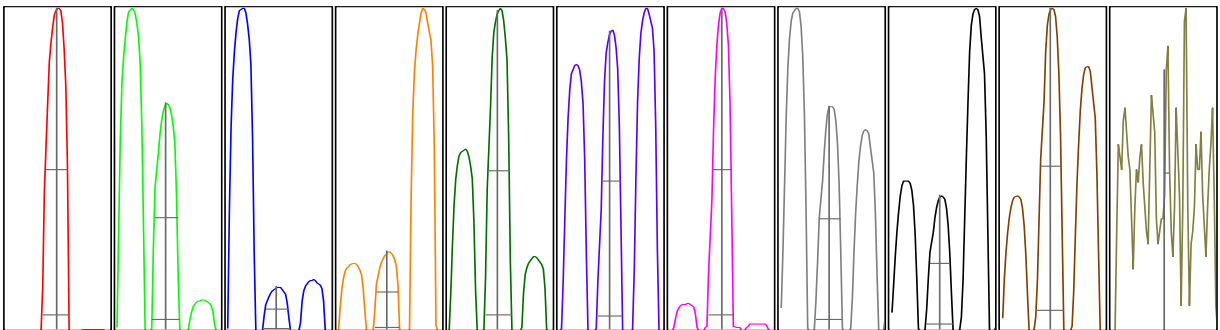
US EPA Tune Check Sample Report

Batch Folder D:\P8020218 ICPMS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4068	0.71	5.00	
24	24614	0.68	5.00	
25	3336	0.91	5.00	
26	3787	0.53	5.00	
59	52443	0.95	5.00	
113	8049	0.97	5.00	
115	103933	0.91	5.00	
206	26842	0.88	5.00	
207	24288	0.74	5.00	
208	58091	0.82	5.00	
220	1	25.09		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4067	4064	4091	4022	4094
24	24831	24511	24640	24396	24692
25	3359	3330	3346	3287	3360
26	3806	3788	3802	3756	3781
59	52972	52053	52776	51794	52622
113	8134	8012	8067	7935	8099
115	105129	103012	103992	102967	104565
206	26860	26727	27001	26508	27114
207	24320	24241	24356	24018	24507
208	58485	57671	58333	57484	58480
220	1	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	6675	9.00	8.9 - 9.1		0.777	0.900	
24	40388	23.95	23.9 - 24.1		0.784	0.900	
25	5442	24.95	24.9 - 25.1		0.785	0.900	
26	6343	25.95	25.9 - 26.1		0.738	0.900	
59	90114	58.95	58.9 - 59.1		0.774	0.900	
113	14818	113.00	112.9 - 113.1		0.730	0.900	
115	190427	115.05	114.9 - 115.1		0.735	0.900	
206	48030	205.95	205.9 - 206.1		0.776	0.900	
207	43163	206.95	206.9 - 207.1		0.775	0.900	
208	103404	207.95	207.9 - 208.1		0.780	0.900	
220	1	220.05	-				

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
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.8	V	Deflect	14.2	V
Extract 2	-235.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	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	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5715	1.75	
89	1236	2.12	
205	10288	1.41	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5790	5544	5770	5710	5761
89	1247	1190	1242	1251	1251
205	10438	10049	10351	10302	10300

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.8	V	Deflect	3.0	V
Extract 2	-235.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	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	5.0	mL/min	OctP RF	200	V			

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 14:06:39 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.15	2.11	0.04	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.03	0.03	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.02	0.01	-0.02	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.39	0.04	-0.43	0.00	N/A	ppb
Boron	11-1	0.11	-0.09	-0.02	0.00	N/A	ppb
Cadmium	111-1	0.01	0.06	-0.07	0.00	N/A	ppb
Cadmium	106-1	0.01	0.97	-0.98	0.00	N/A	ppb
Cadmium	108-1	-0.07	0.06	0.01	0.00	N/A	ppb
Calcium	43-1	5.32	-8.52	3.20	0.00	N/A	ppb
Calcium	44-1	-2.16	4.47	-2.31	0.00	N/A	ppb
Chromium	52-2	0.00	-0.09	0.09	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.01	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.16	0.01	0.15	0.00	N/A	ppb
Iron	57-2	-0.95	2.46	-1.51	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	1.19	3.33	-4.52	0.00	N/A	ppb
Manganese	55-2	0.14	-0.04	-0.10	0.00	N/A	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:06:39	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.02	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.02	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	-0.04	-0.10	0.00	N/A	ppb
Phosphorus	31-2	-17.54	-17.54	-17.54	-17.54		ppb
Potassium	39-2	17.88	-8.42	-9.45	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.67	-5.35	2.68	0.00	N/A	ppb
Selenium	78-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	82-1	0.32	-0.64	0.33	0.00	N/A	ppb
Silicon	28-1	-5.12	12.09	-6.98	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	-0.01	0.00	0.00	N/A	ppb
Sodium	23-2	0.30	3.10	-3.40	0.00	N/A	ppb
Strontium	86-1	-0.03	0.04	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-148.77	1880.55	-246.65	495.04	242.58	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.02	0.00	0.00	N/A	ppb
Titanium	47-1	-0.04	0.00	0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.08	-0.03	-0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:06:39	DataFile Name :	004CALB.d

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

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:13:38	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.31	4.25	25.92	10.83	121.05	ppb
Antimony	121-1	1.88	1.82	1.73	1.81	4.09	ppb
Arsenic	75-2	0.86	1.19	0.69	0.91	27.36	ppb
Barium	135-1	8.98	9.28	9.47	9.24	2.65	ppb
Barium	137-1	9.30	9.05	8.81	9.05	2.69	ppb
Beryllium	9-1	0.96	1.11	0.90	0.99	11.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.62	21.62	21.90	22.05	2.35	ppb
Boron	11-1	21.81	21.84	23.24	22.30	3.67	ppb
Cadmium	111-1	0.90	0.92	1.06	0.96	8.84	ppb
Cadmium	106-1	0.76	0.81	1.23	0.93	27.72	ppb
Cadmium	108-1	0.74	1.14	0.62	0.83	32.36	ppb
Calcium	43-1	440.68	399.48	439.16	426.44	5.48	ppb
Calcium	44-1	422.49	426.89	430.93	426.77	0.99	ppb
Chromium	52-2	1.96	1.84	1.88	1.89	3.05	ppb
Cobalt	59-2	0.96	0.96	0.92	0.95	2.84	ppb
Copper	63-2	1.97	1.68	1.80	1.82	8.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.09	44.83	46.03	45.65	1.56	ppb
Iron	57-2	53.18	46.97	39.99	46.71	14.13	ppb
Lead	206-1	0.87	0.87	0.85	0.86	1.07	ppb
Lead	207-1	0.89	0.89	0.92	0.90	1.75	ppb
Lead	208-1	0.87	0.88	0.88	0.88	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	460.59	452.30	457.60	456.83	0.92	ppb
Manganese	55-2	0.92	0.80	0.66	0.79	16.40	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:13:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.55	4.41	4.45	4.47	1.58	ppb
Molybdenum	95-1	4.44	4.38	4.46	4.43	0.92	ppb
Molybdenum	96-1	4.63	4.39	4.45	4.49	2.73	ppb
Molybdenum	97-1	4.34	4.44	4.27	4.35	2.00	ppb
Molybdenum	98-1	4.50	4.54	4.47	4.51	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	0.99	1.21	1.13	10.74	ppb
Phosphorus	31-2	18.23	51.92	-17.54	17.54	198.06	ppb
Potassium	39-2	453.64	423.30	456.70	444.55	4.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-5.35	-5.35	-5.35	-5.35		ppb
Selenium	78-2	6.24	4.95	2.49	4.56	41.81	ppb
Selenium	82-1	4.73	4.96	4.99	4.89	2.82	ppb
Silicon	28-1	8.02	6.87	9.22	8.04	14.63	ppb
Silver	109-1	0.91	0.96	0.98	0.95	3.83	ppb
Silver	107-1	1.01	0.99	0.95	0.98	3.13	ppb
Sodium	23-2	450.48	436.31	447.89	444.89	1.70	ppb
Strontium	86-1	0.87	1.00	1.02	0.96	8.07	ppb
Strontium	88-1	0.95	0.94	0.91	0.93	2.62	ppb
Sulfur	34-1	-721.24	-509.37	-254.52	-495.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.88	0.95	0.83	0.89	6.91	ppb
Thallium	205-1	0.91	0.89	0.91	0.91	1.38	ppb
Tin	118-1	4.52	4.56	4.49	4.52	0.75	ppb
Titanium	47-1	4.27	4.84	4.55	4.55	6.31	ppb
Uranium	238-1	0.85	0.81	0.83	0.83	2.09	ppb
Vanadium	51-2	4.36	4.08	4.48	4.30	4.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.43	1.72	1.71	1.62	10.33	ppb
Zirconium	90-1	0.88	0.91	0.94	0.91	3.60	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:13:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.83	0.92	0.91	0.89	5.94	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:17:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	953.55	1037.48	957.35	982.80	4.82	ppb
Antimony	121-1	52.12	52.41	52.06	52.19	0.36	ppb
Arsenic	75-2	48.90	49.57	51.19	49.88	2.36	ppb
Barium	135-1	257.70	260.94	261.79	260.14	0.83	ppb
Barium	137-1	262.09	264.89	263.45	263.47	0.53	ppb
Beryllium	9-1	54.93	54.31	55.93	55.06	1.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	53.11	51.12	54.87	53.03	3.54	ppb
Boron	11-1	51.71	53.28	53.30	52.77	1.73	ppb
Cadmium	111-1	52.58	54.09	52.93	53.20	1.49	ppb
Cadmium	106-1	53.14	53.50	52.21	52.95	1.25	ppb
Cadmium	108-1	53.70	54.05	55.06	54.27	1.31	ppb
Calcium	43-1	5020.19	4971.47	4987.33	4993.00	0.50	ppb
Calcium	44-1	4977.43	4927.01	4980.23	4961.56	0.60	ppb
Chromium	52-2	49.82	49.62	49.67	49.70	0.21	ppb
Cobalt	59-2	50.05	49.52	48.95	49.51	1.11	ppb
Copper	63-2	99.37	99.81	97.56	98.91	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2520.40	2532.06	2473.78	2508.75	1.23	ppb
Iron	57-2	2478.86	2465.78	2477.40	2474.01	0.29	ppb
Lead	206-1	50.22	50.58	51.05	50.62	0.82	ppb
Lead	207-1	49.83	50.33	50.21	50.12	0.52	ppb
Lead	208-1	50.19	50.31	50.46	50.32	0.27	ppb
Lithium	6-1						%
Magnesium	24-2	4994.00	5004.18	4912.03	4970.07	1.02	ppb
Manganese	55-2	98.95	97.95	97.62	98.17	0.70	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:17:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	254.22	256.97	255.11	255.44	0.55	ppb
Molybdenum	95-1	253.46	256.02	251.99	253.82	0.80	ppb
Molybdenum	96-1	255.79	257.64	255.06	256.16	0.52	ppb
Molybdenum	97-1	251.79	251.85	252.25	251.96	0.10	ppb
Molybdenum	98-1	253.32	254.99	255.50	254.60	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.86	50.50	49.29	49.88	1.22	ppb
Phosphorus	31-2	1628.79	1255.04	858.57	1247.47	30.88	ppb
Potassium	39-2	2575.99	2496.27	2505.88	2526.05	1.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	50.82	50.44	34.56	45.27	20.50	ppb
Selenium	78-2	49.02	53.69	49.99	50.90	4.84	ppb
Selenium	82-1	53.17	52.77	53.43	53.12	0.62	ppb
Silicon	28-1	53.89	52.78	54.43	53.70	1.57	ppb
Silver	109-1	53.19	54.39	54.02	53.87	1.14	ppb
Silver	107-1	54.32	54.31	54.02	54.22	0.31	ppb
Sodium	23-2	5006.28	5005.36	4891.70	4967.78	1.33	ppb
Strontium	86-1	51.23	51.37	50.84	51.15	0.54	ppb
Strontium	88-1	52.47	51.92	52.14	52.18	0.53	ppb
Sulfur	34-1	758.48	595.49	612.68	655.55	13.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	50.78	50.78	50.97	50.84	0.22	ppb
Thallium	205-1	50.63	51.08	50.68	50.80	0.49	ppb
Tin	118-1	52.01	52.30	52.64	52.32	0.60	ppb
Titanium	47-1	255.46	252.23	256.42	254.70	0.86	ppb
Uranium	238-1	49.19	49.26	49.07	49.17	0.19	ppb
Vanadium	51-2	50.31	50.04	48.32	49.56	2.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	100.36	97.52	98.23	98.71	1.50	ppb
Zirconium	90-1	51.14	50.72	50.27	50.71	0.85	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:17:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.49	50.13	49.96	50.19	0.54	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:20:35	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2477.86	2356.88	2458.61	2431.12	2.67	ppb
Antimony	121-1	129.86	129.90	128.94	129.57	0.42	ppb
Arsenic	75-2	126.92	120.68	124.93	124.18	2.56	ppb
Barium	135-1	652.36	652.78	644.75	649.96	0.70	ppb
Barium	137-1	653.14	667.74	649.09	656.66	1.49	ppb
Beryllium	9-1	135.61	136.20	134.34	135.38	0.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	129.43	129.87	128.42	129.24	0.57	ppb
Boron	11-1	125.77	131.95	132.80	130.18	2.95	ppb
Cadmium	111-1	130.49	131.13	129.98	130.53	0.44	ppb
Cadmium	106-1	134.92	130.75	130.37	132.01	1.91	ppb
Cadmium	108-1	133.02	132.83	132.05	132.63	0.39	ppb
Calcium	43-1	12439.38	12563.46	12404.80	12469.21	0.67	ppb
Calcium	44-1	12424.39	12641.54	12434.87	12500.27	0.98	ppb
Chromium	52-2	123.78	125.93	123.45	124.39	1.08	ppb
Cobalt	59-2	124.31	125.44	121.93	123.89	1.45	ppb
Copper	63-2	247.03	252.03	244.50	247.85	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6381.08	6405.96	6339.15	6375.40	0.53	ppb
Iron	57-2	6158.93	6134.52	6153.31	6148.92	0.21	ppb
Lead	206-1	126.20	126.12	125.62	125.98	0.25	ppb
Lead	207-1	125.23	125.13	125.22	125.19	0.05	ppb
Lead	208-1	125.69	126.03	125.48	125.73	0.22	ppb
Lithium	6-1						%
Magnesium	24-2	12563.62	12340.13	12409.74	12437.83	0.92	ppb
Manganese	55-2	246.23	251.83	249.84	249.30	1.14	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:20:35	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	644.40	648.51	650.25	647.72	0.46	ppb
Molybdenum	95-1	650.97	650.44	644.60	648.67	0.54	ppb
Molybdenum	96-1	643.67	648.62	647.56	646.62	0.40	ppb
Molybdenum	97-1	624.61	629.36	625.52	626.50	0.40	ppb
Molybdenum	98-1	631.03	642.75	642.17	638.65	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.45	125.31	124.62	124.79	0.37	ppb
Phosphorus	31-2	2301.92	2364.61	2477.12	2381.22	3.73	ppb
Potassium	39-2	6205.30	6323.00	6048.45	6192.25	2.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	117.12	163.12	168.27	149.50	18.83	ppb
Selenium	78-2	112.55	126.91	148.93	129.46	14.15	ppb
Selenium	82-1	128.09	131.99	131.32	130.47	1.60	ppb
Silicon	28-1	143.16	147.36	143.63	144.71	1.59	ppb
Silver	109-1	133.48	133.98	131.84	133.10	0.84	ppb
Silver	107-1	134.06	134.84	132.75	133.88	0.79	ppb
Sodium	23-2	12279.65	12483.61	12174.33	12312.53	1.28	ppb
Strontium	86-1	127.26	128.15	129.09	128.17	0.72	ppb
Strontium	88-1	131.27	132.32	132.44	132.01	0.49	ppb
Sulfur	34-1	2070.96	2320.03	2247.09	2212.69	5.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	126.64	127.05	126.21	126.63	0.33	ppb
Thallium	205-1	129.57	129.85	128.73	129.38	0.45	ppb
Tin	118-1	131.26	130.00	127.68	129.65	1.40	ppb
Titanium	47-1	635.77	650.13	643.33	643.07	1.12	ppb
Uranium	238-1	124.74	126.45	125.64	125.61	0.68	ppb
Vanadium	51-2	124.90	122.97	121.37	123.08	1.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	253.29	259.36	250.25	254.30	1.83	ppb
Zirconium	90-1	128.17	128.71	128.50	128.46	0.21	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:20:35	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	125.48	125.75	126.88	126.04	0.59	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:23:58	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4719.83	4739.87	5078.59	4846.09	4.16	ppb
Antimony	121-1	258.30	262.39	261.15	260.61	0.81	ppb
Arsenic	75-2	255.31	253.64	253.73	254.23	0.37	ppb
Barium	135-1	1287.33	1305.85	1319.83	1304.34	1.25	ppb
Barium	137-1	1297.69	1298.96	1317.08	1304.58	0.83	ppb
Beryllium	9-1	266.54	260.87	264.22	263.87	1.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	252.69	250.32	265.39	256.13	3.16	ppb
Boron	11-1	255.07	249.97	263.04	256.03	2.57	ppb
Cadmium	111-1	256.95	257.96	260.29	258.40	0.66	ppb
Cadmium	106-1	261.76	255.29	256.28	257.78	1.35	ppb
Cadmium	108-1	258.44	262.41	258.33	259.73	0.90	ppb
Calcium	43-1	25512.61	24831.25	24769.86	25037.91	1.65	ppb
Calcium	44-1	24858.63	24796.79	24589.57	24748.33	0.57	ppb
Chromium	52-2	241.41	248.76	251.97	247.38	2.19	ppb
Cobalt	59-2	241.53	248.88	250.18	246.86	1.89	ppb
Copper	63-2	482.48	496.32	500.05	492.95	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12188.53	12593.59	12650.04	12477.39	2.02	ppb
Iron	57-2	11877.00	12300.11	12471.29	12216.13	2.50	ppb
Lead	206-1	251.83	251.10	251.89	251.61	0.17	ppb
Lead	207-1	249.72	247.89	250.89	249.50	0.60	ppb
Lead	208-1	253.51	252.59	256.16	254.09	0.73	ppb
Lithium	6-1						%
Magnesium	24-2	24155.09	24949.24	24952.70	24685.68	1.86	ppb
Manganese	55-2	479.18	501.08	502.55	494.27	2.65	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:23:58	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1287.04	1284.92	1288.04	1286.66	0.12	ppb
Molybdenum	95-1	1279.07	1271.43	1288.75	1279.75	0.68	ppb
Molybdenum	96-1	1278.05	1271.23	1276.97	1275.42	0.29	ppb
Molybdenum	97-1	1287.22	1277.69	1292.30	1285.74	0.58	ppb
Molybdenum	98-1	1266.62	1262.68	1268.52	1265.94	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	244.41	250.16	253.94	249.50	1.92	ppb
Phosphorus	31-2	4874.31	5100.90	5249.21	5074.81	3.72	ppb
Potassium	39-2	12089.28	12356.91	12412.17	12286.12	1.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	300.85	235.58	261.46	265.97	12.36	ppb
Selenium	78-2	252.76	274.57	288.62	271.98	6.64	ppb
Selenium	82-1	257.17	255.91	257.63	256.91	0.35	ppb
Silicon	28-1	251.75	252.41	247.67	250.61	1.02	ppb
Silver	109-1	264.09	267.87	268.78	266.91	0.93	ppb
Silver	107-1	265.37	266.45	270.12	267.31	0.93	ppb
Sodium	23-2	24000.99	24718.13	24800.92	24506.68	1.79	ppb
Strontium	86-1	254.53	250.76	252.53	252.61	0.75	ppb
Strontium	88-1	256.05	255.57	256.10	255.91	0.11	ppb
Sulfur	34-1	4966.20	4731.87	4748.00	4815.36	2.72	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	257.02	253.64	257.78	256.15	0.86	ppb
Thallium	205-1	257.77	254.49	256.28	256.18	0.64	ppb
Tin	118-1	254.90	256.60	258.95	256.82	0.79	ppb
Titanium	47-1	1288.40	1285.01	1283.81	1285.74	0.19	ppb
Uranium	238-1	252.51	248.50	249.94	250.32	0.81	ppb
Vanadium	51-2	240.44	245.66	249.21	245.11	1.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	480.16	490.13	495.35	488.55	1.58	ppb
Zirconium	90-1	254.99	253.97	258.09	255.68	0.84	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:23:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	251.20	249.59	251.23	250.68	0.37	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:27:15	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9246.14	10035.16	9672.27	9651.19	4.09	ppb
Antimony	121-1	506.23	510.67	503.90	506.93	0.68	ppb
Arsenic	75-2	489.42	510.50	505.26	501.73	2.19	ppb
Barium	135-1	2527.06	2543.88	2493.12	2521.35	1.03	ppb
Barium	137-1	2505.23	2519.68	2498.51	2507.81	0.43	ppb
Beryllium	9-1	515.25	503.62	498.40	505.76	1.71	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	493.31	498.15	507.38	499.61	1.43	ppb
Boron	11-1	504.67	500.10	498.15	500.97	0.67	ppb
Cadmium	111-1	495.12	499.53	497.76	497.47	0.45	ppb
Cadmium	106-1	505.27	510.26	501.29	505.61	0.89	ppb
Cadmium	108-1	496.18	509.59	506.73	504.17	1.40	ppb
Calcium	43-1	48401.67	49024.82	47940.58	48455.69	1.12	ppb
Calcium	44-1	48090.54	48403.97	47379.09	47957.87	1.10	ppb
Chromium	52-2	489.32	507.74	499.94	499.00	1.85	ppb
Cobalt	59-2	493.56	507.80	498.60	499.99	1.44	ppb
Copper	63-2	982.26	1018.93	993.86	998.35	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24993.38	25611.38	25339.99	25314.92	1.22	ppb
Iron	57-2	24406.70	25202.19	24898.07	24835.65	1.62	ppb
Lead	206-1	502.94	505.11	500.35	502.80	0.47	ppb
Lead	207-1	502.57	507.63	501.27	503.82	0.67	ppb
Lead	208-1	501.56	504.35	501.75	502.55	0.31	ppb
Lithium	6-1						%
Magnesium	24-2	49265.60	50747.05	49913.00	49975.22	1.49	ppb
Manganese	55-2	981.83	1016.99	1002.25	1000.36	1.77	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:27:15	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2496.93	2514.35	2468.47	2493.25	0.93	ppb
Molybdenum	95-1	2503.26	2489.79	2455.86	2482.97	0.98	ppb
Molybdenum	96-1	2490.92	2496.69	2486.15	2491.25	0.21	ppb
Molybdenum	97-1	2519.17	2523.48	2494.97	2512.54	0.61	ppb
Molybdenum	98-1	2494.13	2503.70	2479.42	2492.42	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.37	504.98	501.18	500.18	1.08	ppb
Phosphorus	31-2	10058.54	10949.04	9289.62	10099.06	8.22	ppb
Potassium	39-2	24493.94	25015.18	24709.36	24739.50	1.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	530.29	443.84	576.26	516.80	13.01	ppb
Selenium	78-2	464.07	509.08	505.07	492.74	5.06	ppb
Selenium	82-1	503.30	511.24	497.77	504.10	1.34	ppb
Silicon	28-1	551.14	568.64	550.22	556.66	1.86	ppb
Silver	109-1	507.18	518.43	509.30	511.64	1.17	ppb
Silver	107-1	504.44	517.81	506.62	509.62	1.41	ppb
Sodium	23-2	50056.08	51121.12	50073.66	50416.95	1.21	ppb
Strontium	86-1	492.37	496.81	493.75	494.31	0.46	ppb
Strontium	88-1	498.76	507.32	496.10	500.72	1.17	ppb
Sulfur	34-1	9693.30	10023.98	9366.04	9694.44	3.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	503.04	509.93	500.60	504.52	0.96	ppb
Thallium	205-1	492.45	498.74	496.43	495.87	0.64	ppb
Tin	118-1	502.44	505.13	505.79	504.45	0.35	ppb
Titanium	47-1	2515.40	2543.97	2488.30	2515.89	1.11	ppb
Uranium	238-1	494.32	490.56	493.86	492.91	0.42	ppb
Vanadium	51-2	489.14	508.50	497.42	498.35	1.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	976.19	1013.49	1000.08	996.59	1.90	ppb
Zirconium	90-1	501.86	500.03	494.36	498.75	0.78	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:27:15	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.26	493.09	487.37	490.57	0.59	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:30:30	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19310.96	20720.68	19532.62	19854.75	3.82	ppb
Antimony	121-1	997.94	992.99	988.67	993.20	0.47	ppb
Arsenic	75-2	967.95	1044.85	981.76	998.19	4.11	ppb
Barium	135-1	5004.28	4975.39	4936.66	4972.11	0.68	ppb
Barium	137-1	4997.20	4960.75	4975.53	4977.82	0.37	ppb
Beryllium	9-1	999.28	1000.93	976.10	992.10	1.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	986.48	1005.15	1002.53	998.05	1.01	ppb
Boron	11-1	997.29	1010.41	984.17	997.29	1.32	ppb
Cadmium	111-1	996.85	999.05	999.05	998.31	0.13	ppb
Cadmium	106-1	1003.77	991.84	987.07	994.23	0.87	ppb
Cadmium	108-1	995.53	994.49	992.92	994.32	0.13	ppb
Calcium	43-1	96881.57	98552.29	96891.84	97441.90	0.99	ppb
Calcium	44-1	95409.71	97573.36	96517.53	96500.20	1.12	ppb
Chromium	52-2	969.40	1049.30	985.04	1001.25	4.23	ppb
Cobalt	59-2	972.35	1046.29	984.23	1000.95	3.97	ppb
Copper	63-2	1938.60	2096.45	1973.68	2002.91	4.14	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49255.30	52674.22	49705.94	50545.16	3.68	ppb
Iron	57-2	47951.80	51718.73	49099.32	49589.95	3.89	ppb
Lead	206-1	998.09	999.13	996.91	998.04	0.11	ppb
Lead	207-1	996.30	1002.12	996.13	998.18	0.34	ppb
Lead	208-1	994.87	997.44	1000.48	997.60	0.28	ppb
Lithium	6-1						%
Magnesium	24-2	98294.02	106267.93	99016.54	101192.83	4.36	ppb
Manganese	55-2	1956.44	2088.46	1959.40	2001.43	3.77	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:30:30	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4943.61	4972.97	5056.72	4991.10	1.18	ppb
Molybdenum	95-1	4987.56	4980.39	5025.83	4997.93	0.49	ppb
Molybdenum	96-1	4983.03	4971.21	5030.79	4995.01	0.63	ppb
Molybdenum	97-1	4987.41	4935.24	5030.88	4984.51	0.96	ppb
Molybdenum	98-1	4985.17	4963.75	5044.68	4997.87	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	971.02	1046.09	983.09	1000.07	4.03	ppb
Phosphorus	31-2	18133.60	22074.08	19595.03	19934.24	9.99	ppb
Potassium	39-2	47161.50	50559.55	47538.48	48419.85	3.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	954.12	1087.29	913.10	984.84	9.25	ppb
Selenium	78-2	961.30	1072.23	959.08	997.54	6.49	ppb
Selenium	82-1	992.56	998.03	995.56	995.38	0.28	ppb
Silicon	28-1	971.25	964.52	970.88	968.89	0.39	ppb
Silver	109-1	989.98	986.58	989.67	988.75	0.19	ppb
Silver	107-1	998.12	984.75	985.75	989.54	0.75	ppb
Sodium	23-2	97257.82	104073.55	98740.58	100023.98	3.58	ppb
Strontium	86-1	1000.17	993.58	1011.47	1001.74	0.90	ppb
Strontium	88-1	998.31	993.63	999.58	997.18	0.31	ppb
Sulfur	34-1	20184.32	20559.23	20012.69	20252.08	1.38	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	992.29	992.58	1003.00	995.96	0.61	ppb
Thallium	205-1	999.49	1001.73	998.58	999.93	0.16	ppb
Tin	118-1	1004.77	985.43	995.92	995.38	0.97	ppb
Titanium	47-1	4913.69	5025.82	5002.37	4980.63	1.19	ppb
Uranium	238-1	996.24	1006.79	1007.26	1003.43	0.62	ppb
Vanadium	51-2	973.65	1047.21	986.09	1002.31	3.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1941.40	2094.27	1976.62	2004.10	3.99	ppb
Zirconium	90-1	996.13	997.97	1002.10	998.73	0.31	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:30:30	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1000.50	1002.03	1010.68	1004.40	0.55	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:33:41	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100105.53	101990.75	98124.28	100073.52	1.93	ppb
Antimony	121-1	1.43	1.44	1.51	1.46	2.85	ppb
Arsenic	75-2	0.36	0.53	0.31	0.40	29.72	ppb
Barium	135-1	1.31	1.38	1.40	1.36	3.34	ppb
Barium	137-1	1.45	1.34	1.45	1.41	4.39	ppb
Beryllium	9-1	0.76	0.64	0.82	0.74	11.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	50.55	49.96	45.59	48.70	5.56	ppb
Boron	11-1	49.47	48.17	42.84	46.83	7.51	ppb
Cadmium	111-1	0.23	0.14	0.22	0.20	25.99	ppb
Cadmium	106-1	0.73	-0.58	0.59	0.25	290.47	ppb
Cadmium	108-1	0.29	0.26	0.15	0.23	32.01	ppb
Calcium	43-1	502143.78	500660.24	499191.18	500665.07	0.29	ppb
Calcium	44-1	496388.98	502083.85	504278.80	500917.21	0.81	ppb
Chromium	52-2	14.84	14.38	14.36	14.53	1.87	ppb
Cobalt	59-2	1.20	1.29	1.15	1.21	5.73	ppb
Copper	63-2	2.51	2.59	2.60	2.57	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	252187.11	252391.31	244993.74	249857.39	1.69	ppb
Iron	57-2	250693.01	252320.60	247332.67	250115.43	1.02	ppb
Lead	206-1	2.03	2.09	2.03	2.05	1.73	ppb
Lead	207-1	1.86	1.98	1.99	1.94	3.79	ppb
Lead	208-1	1.95	2.00	1.99	1.98	1.56	ppb
Lithium	6-1						%
Magnesium	24-2	502924.27	506629.17	489791.13	499781.53	1.77	ppb
Manganese	55-2	5.70	6.05	6.16	5.97	4.05	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:33:41	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.30	2.12	2.20	2.21	3.98	ppb
Molybdenum	95-1	2.81	2.90	2.76	2.82	2.43	ppb
Molybdenum	96-1	3.35	3.50	3.32	3.39	2.80	ppb
Molybdenum	97-1	2.89	2.71	2.75	2.78	3.35	ppb
Molybdenum	98-1	2.72	2.76	2.78	2.75	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.27	9.35	9.15	9.26	1.09	ppb
Phosphorus	31-2	-17.54	-17.54	-17.54	-17.54		ppb
Potassium	39-2	253643.52	252651.65	244767.04	250354.07	1.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-5.35	-5.35	-5.35	-5.35		ppb
Selenium	78-2	4.26	0.00	0.00	1.42	173.21	ppb
Selenium	82-1	1.72	0.51	0.90	1.04	59.44	ppb
Silicon	28-1	-2.77	-2.04	-3.25	-2.69		ppb
Silver	109-1	0.07	0.08	0.08	0.08	8.19	ppb
Silver	107-1	0.06	0.07	0.07	0.07	7.94	ppb
Sodium	23-2	503333.03	506342.65	490274.03	499983.24	1.71	ppb
Strontium	86-1	33.92	33.00	33.33	33.42	1.39	ppb
Strontium	88-1	34.58	34.30	34.24	34.37	0.52	ppb
Sulfur	34-1	-1102.70	-794.60	-810.01	-902.43		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.61	0.57	0.55	0.58	5.23	ppb
Thallium	205-1	0.57	0.53	0.48	0.53	9.03	ppb
Tin	118-1	0.96	0.90	0.95	0.93	3.64	ppb
Titanium	47-1	0.86	0.96	0.88	0.90	5.89	ppb
Uranium	238-1	0.07	0.07	0.08	0.07	5.70	ppb
Vanadium	51-2	0.15	0.13	0.22	0.17	28.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.05	5.47	6.22	5.91	6.70	ppb
Zirconium	90-1	0.20	0.18	0.17	0.18	6.10	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:33:41	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.18	0.15	0.15	12.13	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:45:00	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	511.51	551.38	426.73	496.54	12.82	ppb
Antimony	121-1	210.37	205.60	209.08	208.35	1.18	ppb
Arsenic	75-2	200.83	207.76	202.85	203.81	1.75	ppb
Barium	135-1	103.74	102.23	105.77	103.91	1.71	ppb
Barium	137-1	104.81	104.28	105.00	104.70	0.36	ppb
Beryllium	9-1	102.77	101.62	103.04	102.47	0.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	553.36	564.74	564.34	560.81	1.15	ppb
Boron	11-1	552.10	560.02	571.60	561.24	1.75	ppb
Cadmium	111-1	108.96	105.91	107.89	107.59	1.44	ppb
Cadmium	106-1	172.44	164.08	169.84	168.79	2.53	ppb
Cadmium	108-1	135.72	135.39	141.46	137.52	2.48	ppb
Calcium	43-1	2144.48	2145.62	2165.59	2151.90	0.55	ppb
Calcium	44-1	2055.70	2044.54	2057.09	2052.44	0.34	ppb
Chromium	52-2	97.48	98.71	97.76	97.98	0.66	ppb
Cobalt	59-2	99.57	101.25	100.90	100.57	0.88	ppb
Copper	63-2	99.64	100.84	99.06	99.85	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1010.88	1023.70	1013.60	1016.06	0.66	ppb
Iron	57-2	988.93	998.68	1006.97	998.19	0.90	ppb
Lead	206-1	203.85	201.57	203.12	202.85	0.57	ppb
Lead	207-1	194.90	192.89	195.30	194.36	0.66	ppb
Lead	208-1	204.22	202.33	201.94	202.83	0.60	ppb
Lithium	6-1						%
Magnesium	24-2	1214.45	1234.71	1216.61	1221.92	0.91	ppb
Manganese	55-2	99.54	99.65	96.99	98.72	1.52	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:45:00	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1141.56	1160.35	1162.41	1154.77	0.99	ppb
Molybdenum	95-1	501.65	508.28	511.66	507.20	1.00	ppb
Molybdenum	96-1	583.14	588.53	598.62	590.10	1.33	ppb
Molybdenum	97-1	482.45	485.57	489.77	485.93	0.76	ppb
Molybdenum	98-1	500.81	504.02	507.23	504.02	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.95	102.17	102.22	101.78	0.70	ppb
Phosphorus	31-2	-17.54	-17.54	17.65	-5.81		ppb
Potassium	39-2	1912.35	2037.91	2050.79	2000.35	3.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	199.81	138.95	314.72	217.83	40.98	ppb
Selenium	78-2	215.05	204.69	190.50	203.41	6.06	ppb
Selenium	82-1	207.38	209.02	210.93	209.11	0.85	ppb
Silicon	28-1	468.74	457.00	463.31	463.02	1.27	ppb
Silver	109-1	105.36	104.40	105.99	105.25	0.76	ppb
Silver	107-1	107.00	106.00	106.14	106.38	0.51	ppb
Sodium	23-2	1998.25	2041.73	2013.51	2017.83	1.09	ppb
Strontium	86-1	481.93	486.39	490.96	486.43	0.93	ppb
Strontium	88-1	492.18	496.13	503.23	497.18	1.13	ppb
Sulfur	34-1	-1380.21	-1710.90	-1702.20	-1597.77		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	206.72	205.51	204.58	205.60	0.52	ppb
Thallium	205-1	213.77	211.71	212.28	212.59	0.50	ppb
Tin	118-1	517.11	513.44	507.38	512.65	0.96	ppb
Titanium	47-1	497.47	495.34	496.15	496.32	0.22	ppb
Uranium	238-1	466.12	456.75	463.37	462.08	1.04	ppb
Vanadium	51-2	99.44	98.13	99.38	98.98	0.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	198.73	208.08	198.77	201.86	2.67	ppb
Zirconium	90-1	514.07	512.84	517.81	514.90	0.50	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:45:00	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.14	504.97	510.68	507.60	0.57	ppb

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 15:12:46 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.17	-0.05	-2.17	-0.80		ppb
Antimony	121-1	0.00	0.01	0.02	0.01	49.94	ppb
Arsenic	75-2	0.00	0.22	0.00	0.07	177.79	ppb
Barium	135-1	0.01	0.01	0.01	0.01	35.22	ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.05	0.12	0.03	0.07	66.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.05	5.11	4.85	5.00	2.71	ppb
Boron	11-1	4.63	4.63	3.36	4.21	17.41	ppb
Cadmium	111-1	-0.01	-0.02	0.03	0.00	7143.62	ppb
Cadmium	106-1	-0.10	-0.27	0.61	0.08	578.62	ppb
Cadmium	108-1	0.04	0.05	0.08	0.05	35.19	ppb
Calcium	43-1	-14.08	-3.63	-8.27	-8.66		ppb
Calcium	44-1	-5.75	-5.48	-8.36	-6.53		ppb
Chromium	52-2	-0.05	0.01	-0.05	-0.03		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.02	-0.01	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.98	0.57	0.66	0.74	29.05	ppb
Iron	57-2	0.09	0.16	0.74	0.33	108.48	ppb
Lead	206-1	0.01	0.03	0.01	0.01	71.32	ppb
Lead	207-1	0.02	0.03	0.02	0.02	21.75	ppb
Lead	208-1	0.02	0.02	0.01	0.02	24.95	ppb
Lithium	6-1						%
Magnesium	24-2	-5.95	-3.44	-2.97	-4.12		ppb
Manganese	55-2	0.00	-0.02	0.01	0.00		ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:12:46	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	-0.03	-0.01		ppb
Molybdenum	95-1	-0.01	-0.01	0.01	0.00		ppb
Molybdenum	96-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	53.89	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.49	-0.33	-0.29	-0.37		ppb
Phosphorus	31-2	-17.54	-17.54	-17.54	-17.54		ppb
Potassium	39-2	-2.28	-5.30	-10.62	-6.07		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-5.35	2.45	-5.35	-2.75		ppb
Selenium	78-2	0.00	1.22	1.23	0.82	86.60	ppb
Selenium	82-1	-0.06	0.44	0.43	0.27	106.79	ppb
Silicon	28-1	-18.30	-7.83	-16.24	-14.12		ppb
Silver	109-1	0.00	0.00	0.00	0.00	178.62	ppb
Silver	107-1	0.00	0.00	0.00	0.00	46.06	ppb
Sodium	23-2	13.29	15.36	12.04	13.56	12.38	ppb
Strontium	86-1	-0.06	0.00	0.00	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	179.73	ppb
Sulfur	34-1	-723.11	416.15	-728.12	-345.03		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	161.33	ppb
Thallium	205-1	0.00	0.01	0.02	0.01	97.26	ppb
Tin	118-1	0.06	0.04	-0.02	0.03	147.06	ppb
Titanium	47-1	-0.01	-0.01	-0.06	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	192.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.10	0.32	0.01	0.14	113.22	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:12:46	DataFile Name :	016CCBE.d

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

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:15:54	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101404.24	88458.38	89371.63	93078.08	7.76	ppb
Antimony	121-1	1.10	1.19	1.15	1.14	3.94	ppb
Arsenic	75-2	0.39	0.33	0.09	0.27	59.28	ppb
Barium	135-1	1.40	1.59	1.74	1.58	10.62	ppb
Barium	137-1	1.47	1.60	1.60	1.56	4.77	ppb
Beryllium	9-1	0.37	0.34	0.23	0.31	22.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.95	4.73	5.22	5.30	11.52	ppb
Boron	11-1	4.65	5.23	4.26	4.71	10.36	ppb
Cadmium	111-1	0.30	0.16	0.17	0.21	36.70	ppb
Cadmium	106-1	-0.86	-0.99	-0.99	-0.95		ppb
Cadmium	108-1	7.12	7.79	7.97	7.63	5.86	ppb
Calcium	43-1	98487.94	98563.60	99473.26	98841.60	0.55	ppb
Calcium	44-1	96657.77	96672.72	98085.69	97138.73	0.84	ppb
Chromium	52-2	22.79	19.45	19.29	20.51	9.64	ppb
Cobalt	59-2	1.23	1.13	1.12	1.16	5.09	ppb
Copper	63-2	8.77	7.20	7.49	7.82	10.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	110892.78	96587.14	98185.33	101888.42	7.69	ppb
Iron	57-2	107960.83	94136.55	96444.60	99513.99	7.44	ppb
Lead	206-1	5.19	5.02	4.97	5.06	2.28	ppb
Lead	207-1	4.62	4.41	4.44	4.49	2.55	ppb
Lead	208-1	4.86	4.63	4.65	4.71	2.68	ppb
Lithium	6-1						%
Magnesium	24-2	109258.97	96772.30	97574.14	101201.80	6.91	ppb
Manganese	55-2	8.15	7.79	8.29	8.08	3.19	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:15:54	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1379.06	1397.83	1396.57	1391.15	0.75	ppb
Molybdenum	95-1	1959.15	1986.28	1965.35	1970.26	0.72	ppb
Molybdenum	96-1	1893.82	1893.47	1901.59	1896.30	0.24	ppb
Molybdenum	97-1	2002.86	1988.16	1980.51	1990.51	0.57	ppb
Molybdenum	98-1	1954.84	1997.00	1971.51	1974.45	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.92	5.00	5.25	5.39	8.83	ppb
Phosphorus	31-2	114445.59	96068.31	99763.26	103425.72	9.40	ppb
Potassium	39-2	107584.36	94861.39	96148.18	99531.31	7.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-5.35	-5.35	-5.35	-5.35		ppb
Selenium	78-2	2.87	2.66	2.60	2.71	5.25	ppb
Selenium	82-1	0.28	0.45	-0.89	-0.05		ppb
Silicon	28-1	12.32	13.97	15.49	13.93	11.38	ppb
Silver	109-1	0.07	0.06	0.08	0.07	11.49	ppb
Silver	107-1	0.05	0.06	0.08	0.06	21.75	ppb
Sodium	23-2	108680.64	95586.78	96750.18	100339.20	7.22	ppb
Strontium	86-1	34.16	33.60	33.56	33.77	0.99	ppb
Strontium	88-1	34.39	34.67	34.55	34.54	0.41	ppb
Sulfur	34-1	91291.33	90840.90	92540.08	91557.44	0.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.09	0.10	0.09	5.74	ppb
Thallium	205-1	0.11	0.12	0.10	0.11	9.21	ppb
Tin	118-1	0.15	0.15	0.16	0.15	2.54	ppb
Titanium	47-1	2058.72	2052.73	2076.83	2062.76	0.61	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	8.17	ppb
Vanadium	51-2	0.16	0.15	0.14	0.15	6.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.19	10.92	11.25	11.45	5.77	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	33.10	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:15:54	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.02	0.03	42.68	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:19:00	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89407.25	89394.73	92641.16	90481.05	2.07	ppb
Antimony	121-1	21.85	22.69	21.57	22.04	2.66	ppb
Arsenic	75-2	19.98	19.29	20.02	19.76	2.07	ppb
Barium	135-1	22.98	23.37	21.71	22.68	3.82	ppb
Barium	137-1	22.62	23.25	22.86	22.91	1.39	ppb
Beryllium	9-1	21.70	23.56	21.37	22.21	5.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	118.82	116.33	118.61	117.92	1.17	ppb
Boron	11-1	118.10	126.69	118.30	121.03	4.05	ppb
Cadmium	111-1	21.22	21.96	21.16	21.44	2.07	ppb
Cadmium	106-1	32.48	33.97	33.19	33.22	2.24	ppb
Cadmium	108-1	34.45	35.87	34.90	35.07	2.06	ppb
Calcium	43-1	99806.03	105726.12	101402.70	102311.62	2.99	ppb
Calcium	44-1	99735.09	103756.58	99981.28	101157.65	2.23	ppb
Chromium	52-2	39.84	40.05	40.44	40.11	0.75	ppb
Cobalt	59-2	20.96	21.15	21.90	21.34	2.32	ppb
Copper	63-2	27.31	27.47	28.18	27.65	1.67	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99069.10	99665.28	102070.67	100268.35	1.58	ppb
Iron	57-2	96726.62	97843.53	99567.53	98045.89	1.46	ppb
Lead	206-1	26.07	27.01	26.01	26.36	2.13	ppb
Lead	207-1	24.09	25.01	23.76	24.29	2.66	ppb
Lead	208-1	24.82	25.86	24.61	25.09	2.68	ppb
Lithium	6-1						%
Magnesium	24-2	98745.49	99972.39	101515.94	100077.94	1.39	ppb
Manganese	55-2	27.86	29.45	27.20	28.17	4.11	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:19:00	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1638.89	1738.31	1639.27	1672.16	3.43	ppb
Molybdenum	95-1	2100.12	2223.16	2098.93	2140.73	3.33	ppb
Molybdenum	96-1	2052.04	2152.77	2047.14	2083.98	2.86	ppb
Molybdenum	97-1	2118.36	2211.49	2092.23	2140.69	2.93	ppb
Molybdenum	98-1	2096.94	2221.20	2084.18	2134.11	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.59	24.49	25.21	25.10	2.24	ppb
Phosphorus	31-2	100782.13	98948.02	98404.11	99378.09	1.25	ppb
Potassium	39-2	96816.02	97091.22	99498.83	97802.02	1.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	19.50	19.03	2.89	13.81	68.49	ppb
Selenium	78-2	19.46	30.56	14.22	21.41	38.96	ppb
Selenium	82-1	21.54	21.27	20.97	21.26	1.34	ppb
Silicon	28-1	137.87	146.41	135.24	139.84	4.17	ppb
Silver	109-1	19.55	20.59	19.54	19.89	3.04	ppb
Silver	107-1	19.61	20.48	19.79	19.96	2.30	ppb
Sodium	23-2	96994.18	96759.66	99959.63	97904.49	1.82	ppb
Strontium	86-1	139.23	145.87	137.13	140.74	3.24	ppb
Strontium	88-1	140.22	152.43	142.71	145.12	4.44	ppb
Sulfur	34-1	94742.48	98163.81	93203.42	95369.91	2.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	21.29	22.25	21.22	21.58	2.67	ppb
Thallium	205-1	21.39	22.15	21.38	21.64	2.04	ppb
Tin	118-1	105.71	110.39	105.43	107.18	2.60	ppb
Titanium	47-1	2204.11	2277.97	2228.56	2236.88	1.68	ppb
Uranium	238-1	106.48	110.53	105.63	107.55	2.43	ppb
Vanadium	51-2	19.72	20.03	20.83	20.19	2.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	30.37	30.60	30.56	30.51	0.40	ppb
Zirconium	90-1	109.66	115.37	109.45	111.50	3.01	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:19:00	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	109.75	114.27	109.75	111.26	2.34	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P8
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:29:24	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46027.48	48441.10	47137.58	47202.05	2.56	ppb
Antimony	121-1	493.69	497.47	493.93	495.03	0.43	ppb
Arsenic	75-2	483.70	478.58	483.12	481.80	0.58	ppb
Barium	135-1	2492.75	2507.65	2482.22	2494.21	0.51	ppb
Barium	137-1	2481.88	2517.15	2471.49	2490.17	0.96	ppb
Beryllium	9-1	506.89	523.27	515.37	515.18	1.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	505.72	515.88	520.89	514.16	1.50	ppb
Boron	11-1	497.81	528.62	534.76	520.40	3.80	ppb
Cadmium	111-1	478.94	482.78	478.78	480.17	0.47	ppb
Cadmium	106-1	483.91	488.68	493.01	488.53	0.93	ppb
Cadmium	108-1	482.74	488.39	499.67	490.27	1.76	ppb
Calcium	43-1	234220.84	236175.00	232744.42	234380.08	0.73	ppb
Calcium	44-1	232348.73	233891.33	233687.49	233309.18	0.36	ppb
Chromium	52-2	472.77	488.48	469.46	476.90	2.13	ppb
Cobalt	59-2	457.42	473.23	457.43	462.69	1.97	ppb
Copper	63-2	894.55	921.55	889.61	901.91	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	116092.29	119823.46	115552.24	117156.00	1.99	ppb
Iron	57-2	113080.44	117146.41	112881.25	114369.37	2.10	ppb
Lead	206-1	508.10	511.44	507.40	508.98	0.42	ppb
Lead	207-1	506.79	510.18	511.61	509.53	0.49	ppb
Lead	208-1	504.50	510.72	506.56	507.26	0.62	ppb
Lithium	6-1						%
Magnesium	24-2	235178.28	239977.54	230505.13	235220.32	2.01	ppb
Manganese	55-2	926.61	971.44	930.98	943.01	2.62	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P8
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:29:24	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2502.45	2520.37	2531.26	2518.03	0.58	ppb
Molybdenum	95-1	2499.34	2502.75	2470.66	2490.92	0.71	ppb
Molybdenum	96-1	2515.86	2516.83	2488.10	2506.93	0.65	ppb
Molybdenum	97-1	2507.02	2512.40	2488.92	2502.78	0.49	ppb
Molybdenum	98-1	2493.71	2506.37	2496.84	2498.97	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	453.12	468.86	454.68	458.89	1.89	ppb
Phosphorus	31-2	9099.92	10623.89	10286.64	10003.49	8.00	ppb
Potassium	39-2	116752.85	119611.82	116328.83	117564.50	1.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	602.32	396.10	540.56	513.00	20.63	ppb
Selenium	78-2	511.43	513.11	484.97	503.17	3.14	ppb
Selenium	82-1	488.47	490.47	492.07	490.33	0.37	ppb
Silicon	28-1	521.91	541.03	541.12	534.69	2.07	ppb
Silver	109-1	486.10	492.49	488.99	489.20	0.65	ppb
Silver	107-1	487.54	493.55	494.77	491.96	0.79	ppb
Sodium	23-2	232157.37	239068.78	231152.95	234126.37	1.84	ppb
Strontium	86-1	502.93	503.46	506.26	504.22	0.36	ppb
Strontium	88-1	507.73	513.04	514.55	511.77	0.70	ppb
Sulfur	34-1	9017.63	9100.62	8854.12	8990.79	1.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	511.54	510.82	506.54	509.63	0.53	ppb
Thallium	205-1	502.78	506.85	501.48	503.70	0.56	ppb
Tin	118-1	498.16	503.66	500.28	500.70	0.55	ppb
Titanium	47-1	2484.63	2515.34	2523.86	2507.95	0.82	ppb
Uranium	238-1	506.53	510.97	506.79	508.09	0.49	ppb
Vanadium	51-2	472.49	481.97	472.35	475.60	1.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	894.63	920.41	904.59	906.54	1.43	ppb
Zirconium	90-1	503.30	502.75	504.48	503.51	0.18	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P8
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:29:24	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.79	496.50	498.39	497.23	0.21	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P8
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:44:28	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	-2.03	0.31	-0.48		ppb
Antimony	121-1	0.02	0.04	0.04	0.03	31.48	ppb
Arsenic	75-2	0.03	-0.03	0.00	0.00	1787.50	ppb
Barium	135-1	0.01	0.01	0.00	0.01	147.47	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.07	0.05	0.03	0.05	43.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.87	4.03	3.47	3.46	16.83	ppb
Boron	11-1	3.65	3.29	3.47	3.47	5.06	ppb
Cadmium	111-1	0.00	-0.10	-0.03	-0.04		ppb
Cadmium	106-1	-0.01	-1.39	-0.33	-0.58		ppb
Cadmium	108-1	-0.03	-0.03	0.01	-0.02		ppb
Calcium	43-1	-8.62	-5.80	-5.36	-6.59		ppb
Calcium	44-1	-5.82	-7.16	-6.84	-6.61		ppb
Chromium	52-2	0.07	0.01	0.00	0.03	142.49	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.04	0.00	0.00	0.01	175.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.30	1.76	1.64	1.90	18.65	ppb
Iron	57-2	-0.23	3.98	-0.21	1.18	205.55	ppb
Lead	206-1	0.01	0.03	0.01	0.02	50.57	ppb
Lead	207-1	0.03	0.04	0.01	0.03	57.65	ppb
Lead	208-1	0.02	0.03	0.02	0.02	26.79	ppb
Lithium	6-1						%
Magnesium	24-2	-1.50	-3.52	-5.24	-3.42		ppb
Manganese	55-2	-0.03	-0.01	-0.03	-0.02		ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P8
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:44:28	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.02	-0.01	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.02	0.00	-0.02	0.00	1848.52	ppb
Molybdenum	98-1	0.00	0.02	0.01	0.01	109.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.47	-0.38	-0.49	-0.45		ppb
Phosphorus	31-2	-17.54	19.24	19.82	7.18	298.32	ppb
Potassium	39-2	22.05	-0.31	32.20	17.98	92.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-5.35	-5.35	-5.35	-5.35		ppb
Selenium	78-2	1.29	1.30	0.00	0.86	86.60	ppb
Selenium	82-1	0.13	-0.20	0.50	0.14	242.78	ppb
Silicon	28-1	-23.40	-22.37	-23.39	-23.05		ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.95	ppb
Silver	107-1	0.00	0.00	0.01	0.01	99.88	ppb
Sodium	23-2	35.04	28.18	35.74	32.99	12.66	ppb
Strontium	86-1	-0.07	0.00	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1450.84	-1581.92	-1388.40	-1473.72		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.04	0.03	33.97	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	14.17	ppb
Tin	118-1	0.01	-0.04	0.00	-0.01		ppb
Titanium	47-1	0.00	-0.05	-0.04	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.34	0.55	0.23	0.37	44.48	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	90.47	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P8
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:44:28	DataFile Name :	022CCBE.d

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

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:47:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.94	26.01	19.16	20.37	25.25	ppb
Antimony	121-1	1.83	1.82	1.86	1.83	1.13	ppb
Arsenic	75-2	0.63	0.90	0.72	0.75	18.14	ppb
Barium	135-1	8.81	8.96	8.97	8.92	1.02	ppb
Barium	137-1	9.09	8.90	9.01	9.00	1.05	ppb
Beryllium	9-1	0.91	0.98	1.00	0.96	4.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.99	22.04	24.44	23.49	5.43	ppb
Boron	11-1	21.77	24.21	24.47	23.48	6.34	ppb
Cadmium	111-1	0.76	0.87	0.87	0.83	7.28	ppb
Cadmium	106-1	-0.03	0.11	1.38	0.49	159.17	ppb
Cadmium	108-1	1.28	1.03	0.95	1.09	15.76	ppb
Calcium	43-1	438.52	436.95	425.95	433.81	1.58	ppb
Calcium	44-1	420.45	410.79	409.90	413.71	1.41	ppb
Chromium	52-2	1.92	1.76	1.88	1.85	4.47	ppb
Cobalt	59-2	0.91	0.92	0.93	0.92	0.85	ppb
Copper	63-2	1.79	1.76	1.78	1.77	0.98	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.95	45.16	47.49	46.20	2.57	ppb
Iron	57-2	45.36	43.40	44.31	44.36	2.21	ppb
Lead	206-1	0.87	0.89	0.94	0.90	4.13	ppb
Lead	207-1	0.91	0.99	0.91	0.94	4.76	ppb
Lead	208-1	0.88	0.92	0.90	0.90	2.12	ppb
Lithium	6-1						%
Magnesium	24-2	399.25	443.84	412.86	418.65	5.46	ppb
Manganese	55-2	0.78	0.63	0.94	0.78	19.81	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:47:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.25	4.42	4.44	4.37	2.32	ppb
Molybdenum	95-1	4.34	4.48	4.31	4.38	2.02	ppb
Molybdenum	96-1	4.34	4.33	4.31	4.33	0.37	ppb
Molybdenum	97-1	4.51	4.46	4.17	4.38	4.22	ppb
Molybdenum	98-1	4.31	4.32	4.33	4.32	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.61	0.33	0.53	33.70	ppb
Phosphorus	31-2	-17.54	-17.54	-17.54	-17.54		ppb
Potassium	39-2	436.29	446.46	475.50	452.75	4.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-5.35	11.23	-5.35	0.18	5439.68	ppb
Selenium	78-2	10.26	5.19	2.59	6.01	64.88	ppb
Selenium	82-1	4.44	5.10	5.85	5.13	13.71	ppb
Silicon	28-1	-5.40	-5.55	-7.16	-6.04		ppb
Silver	109-1	0.95	0.94	0.88	0.92	4.14	ppb
Silver	107-1	0.99	0.91	0.87	0.92	6.21	ppb
Sodium	23-2	464.71	463.23	487.81	471.92	2.92	ppb
Strontium	86-1	0.82	0.86	0.88	0.86	3.95	ppb
Strontium	88-1	0.88	0.93	0.89	0.90	2.76	ppb
Sulfur	34-1	-1078.03	-1111.93	-1181.70	-1123.89		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.94	0.96	0.86	0.92	5.94	ppb
Thallium	205-1	0.90	0.93	0.91	0.91	1.72	ppb
Tin	118-1	4.56	4.54	4.42	4.51	1.68	ppb
Titanium	47-1	4.39	4.86	4.74	4.66	5.27	ppb
Uranium	238-1	0.84	0.85	0.82	0.83	1.45	ppb
Vanadium	51-2	4.00	4.30	4.18	4.16	3.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.39	2.14	1.35	1.63	27.36	ppb
Zirconium	90-1	0.92	0.87	0.90	0.89	2.72	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:47:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	0.95	0.94	0.92	5.47	ppb

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : PB106283BL Instrumnet Name : P8
 Client Sample ID : PB106283BL Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 16:07:53 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.42	-2.08	0.13	-0.51		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	29.21	ppb
Arsenic	75-2	0.00	-0.03	-0.03	-0.02		ppb
Barium	135-1	-0.01	0.00	0.01	0.00		ppb
Barium	137-1	-0.01	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.05	0.67	1.16	0.96	27.00	ppb
Boron	11-1	1.12	1.41	1.38	1.31	12.32	ppb
Cadmium	111-1	-0.11	-0.05	-0.08	-0.08		ppb
Cadmium	106-1	-1.46	-0.54	-1.10	-1.04		ppb
Cadmium	108-1	0.00	-0.03	-0.07	-0.03		ppb
Calcium	43-1	-12.39	-14.59	-13.02	-13.34		ppb
Calcium	44-1	-9.13	-9.28	-9.04	-9.15		ppb
Chromium	52-2	-0.07	-0.01	-0.10	-0.06		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00	3155.44	ppb
Copper	63-2	0.02	0.03	-0.02	0.01	318.28	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.72	0.74	0.66	0.71	5.93	ppb
Iron	57-2	-0.78	-1.48	0.29	-0.66		ppb
Lead	206-1	0.00	0.00	0.00	0.00		ppb
Lead	207-1	0.03	0.00	0.03	0.02	66.96	ppb
Lead	208-1	0.01	0.01	0.01	0.01	30.30	ppb
Lithium	6-1						%
Magnesium	24-2	-2.01	-4.26	-1.04	-2.43		ppb
Manganese	55-2	-0.05	-0.01	-0.05	-0.04		ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	PB106283BL	Instrumnet Name :	P8
Client Sample ID :	PB106283BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:07:53	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.00	0.01	135.60	ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	67.25	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.62	-0.49	-0.61	-0.57		ppb
Phosphorus	31-2	-17.54	-17.54	-17.54	-17.54		ppb
Potassium	39-2	16.87	3.12	-3.05	5.65	180.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-5.35	-5.35	-5.35	-5.35		ppb
Selenium	78-2	2.69	2.50	0.00	1.73	86.77	ppb
Selenium	82-1	0.71	0.45	0.11	0.42	71.27	ppb
Silicon	28-1	-20.60	-21.58	-21.25	-21.15		ppb
Silver	109-1	0.00	0.00	0.00	0.00	7908.29	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	36.02	21.33	15.67	24.34	43.17	ppb
Strontium	86-1	-0.01	-0.05	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-992.39	-820.52	-874.30	-895.74		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	36.81	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	57.13	ppb
Tin	118-1	0.10	0.11	0.06	0.09	30.99	ppb
Titanium	47-1	-0.02	-0.01	-0.01	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	-0.01	0.01	0.00	374.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.22	-0.23	-0.23	-0.23		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	PB106283BL	Instrumnet Name :	P8
Client Sample ID :	PB106283BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:07:53	DataFile Name :	024CCBE.d

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

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	PB106283BS	Instrumnet Name :	P8
Client Sample ID :	PB106283BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:11:01	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10152.26	10425.89	10347.69	10308.62	1.37	ppb
Antimony	121-1	542.63	543.31	538.16	541.37	0.52	ppb
Arsenic	75-2	526.55	529.34	530.91	528.93	0.42	ppb
Barium	135-1	2720.06	2675.03	2698.43	2697.84	0.83	ppb
Barium	137-1	2706.72	2677.33	2671.68	2685.24	0.70	ppb
Beryllium	9-1	543.23	536.50	532.75	537.49	0.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	519.67	534.59	522.79	525.68	1.50	ppb
Boron	11-1	517.42	528.30	531.56	525.76	1.41	ppb
Cadmium	111-1	534.92	530.33	528.62	531.29	0.61	ppb
Cadmium	106-1	538.69	540.68	535.59	538.32	0.48	ppb
Cadmium	108-1	543.59	544.69	534.44	540.91	1.04	ppb
Calcium	43-1	51462.42	51675.68	51423.30	51520.46	0.26	ppb
Calcium	44-1	51827.21	51723.60	51183.87	51578.22	0.67	ppb
Chromium	52-2	518.72	530.17	524.52	524.47	1.09	ppb
Cobalt	59-2	514.22	527.55	519.90	520.55	1.28	ppb
Copper	63-2	1020.64	1048.27	1038.93	1035.95	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26340.88	27039.11	26525.73	26635.24	1.36	ppb
Iron	57-2	25515.95	26258.98	25881.62	25885.51	1.44	ppb
Lead	206-1	538.57	542.32	536.29	539.06	0.56	ppb
Lead	207-1	540.49	545.42	539.55	541.82	0.58	ppb
Lead	208-1	537.21	542.71	535.59	538.50	0.69	ppb
Lithium	6-1						%
Magnesium	24-2	51916.67	53160.60	52552.44	52543.24	1.18	ppb
Manganese	55-2	1038.52	1060.71	1047.18	1048.80	1.07	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	PB106283BS	Instrumnet Name :	P8
Client Sample ID :	PB106283BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:11:01	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2730.58	2663.38	2679.83	2691.26	1.30	ppb
Molybdenum	95-1	2674.68	2658.02	2661.49	2664.73	0.33	ppb
Molybdenum	96-1	2706.23	2685.33	2665.22	2685.59	0.76	ppb
Molybdenum	97-1	2693.67	2649.35	2676.80	2673.27	0.84	ppb
Molybdenum	98-1	2674.27	2652.65	2672.22	2666.38	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.27	526.24	522.44	519.65	1.61	ppb
Phosphorus	31-2	10783.37	10661.44	11285.09	10909.97	3.03	ppb
Potassium	39-2	25833.36	26360.00	25854.98	26016.11	1.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	616.65	490.37	558.23	555.08	11.39	ppb
Selenium	78-2	539.59	501.51	491.82	510.97	4.94	ppb
Selenium	82-1	536.90	533.59	535.62	535.37	0.31	ppb
Silicon	28-1	504.83	495.53	488.20	496.19	1.68	ppb
Silver	109-1	557.00	549.89	543.01	549.97	1.27	ppb
Silver	107-1	553.65	549.29	546.40	549.78	0.66	ppb
Sodium	23-2	52002.70	53537.82	52640.70	52727.07	1.46	ppb
Strontium	86-1	527.48	527.09	525.51	526.70	0.20	ppb
Strontium	88-1	537.95	534.38	536.55	536.29	0.34	ppb
Sulfur	34-1	10438.23	10398.60	10311.76	10382.86	0.62	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	539.66	547.29	537.98	541.64	0.92	ppb
Thallium	205-1	537.24	543.99	531.52	537.58	1.16	ppb
Tin	118-1	546.31	544.06	538.85	543.07	0.70	ppb
Titanium	47-1	2732.71	2705.71	2700.09	2712.84	0.64	ppb
Uranium	238-1	523.15	530.18	529.64	527.66	0.74	ppb
Vanadium	51-2	517.33	529.35	520.45	522.38	1.19	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1025.39	1060.10	1047.31	1044.27	1.68	ppb
Zirconium	90-1	538.20	535.46	537.47	537.04	0.26	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	PB106283BS	Instrumnet Name :	P8
Client Sample ID :	PB106283BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:11:01	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	540.61	545.49	539.11	541.74	0.62	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:14:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.45	10.70	17.22	9.79	80.96	ppb
Antimony	121-1	1.99	1.99	2.05	2.01	1.70	ppb
Arsenic	75-2	3.58	3.24	2.96	3.26	9.38	ppb
Barium	135-1	210.81	213.29	208.81	210.97	1.06	ppb
Barium	137-1	214.63	214.86	209.79	213.09	1.34	ppb
Beryllium	9-1	0.21	0.19	0.12	0.17	28.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	280.89	269.90	283.13	277.97	2.55	ppb
Boron	11-1	285.75	276.33	269.43	277.17	2.96	ppb
Cadmium	111-1	0.06	0.05	0.02	0.05	43.63	ppb
Cadmium	106-1	-0.93	-1.38	-0.99	-1.10		ppb
Cadmium	108-1	0.41	0.12	0.04	0.19	102.42	ppb
Calcium	43-1	94252.78	93222.77	93370.50	93615.35	0.59	ppb
Calcium	44-1	93039.38	92832.18	92714.37	92861.98	0.18	ppb
Chromium	52-2	6.05	5.82	5.56	5.81	4.23	ppb
Cobalt	59-2	0.08	0.16	0.10	0.11	37.69	ppb
Copper	63-2	1.75	2.03	2.02	1.93	7.97	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	17.46	18.41	18.90	18.26	4.01	ppb
Iron	57-2	17.26	11.74	22.77	17.26	31.95	ppb
Lead	206-1	0.81	0.58	0.53	0.64	23.25	ppb
Lead	207-1	0.81	0.66	0.54	0.67	19.97	ppb
Lead	208-1	0.80	0.63	0.52	0.65	21.28	ppb
Lithium	6-1						%
Magnesium	24-2	12849.34	13183.97	13160.84	13064.72	1.43	ppb
Manganese	55-2	0.41	0.41	0.20	0.34	34.51	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:14:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.26	2.56	2.30	2.37	6.75	ppb
Molybdenum	95-1	3.38	3.27	3.35	3.33	1.82	ppb
Molybdenum	96-1	3.05	3.23	3.34	3.21	4.54	ppb
Molybdenum	97-1	3.33	3.20	3.48	3.34	4.25	ppb
Molybdenum	98-1	3.42	3.21	3.41	3.35	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.73	2.42	2.38	2.51	7.76	ppb
Phosphorus	31-2	75.76	-17.54	-17.54	13.56	397.21	ppb
Potassium	39-2	3051.52	3099.46	3035.01	3062.00	1.09	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.73	4.90	-5.35	1.43	411.68	ppb
Selenium	78-2	3.16	1.61	4.84	3.20	50.51	ppb
Selenium	82-1	0.73	0.44	0.38	0.52	36.81	ppb
Silicon	28-1	9183.53	9114.38	9067.26	9121.72	0.64	ppb
Silver	109-1	0.64	0.58	0.47	0.56	15.00	ppb
Silver	107-1	0.63	0.53	0.48	0.55	14.20	ppb
Sodium	23-2	50263.05	52115.56	52424.53	51601.05	2.27	ppb
Strontium	86-1	532.47	526.41	529.47	529.45	0.57	ppb
Strontium	88-1	539.54	535.84	534.17	536.52	0.51	ppb
Sulfur	34-1	9271.05	8766.56	8734.39	8924.00	3.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.67	0.43	0.37	0.49	32.17	ppb
Thallium	205-1	0.67	0.48	0.40	0.52	26.98	ppb
Tin	118-1	1.55	1.53	1.25	1.45	11.61	ppb
Titanium	47-1	1.24	1.03	1.15	1.14	9.28	ppb
Uranium	238-1	0.84	0.84	0.86	0.85	0.83	ppb
Vanadium	51-2	0.93	0.86	0.60	0.80	21.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.28	4.68	4.86	4.61	6.47	ppb
Zirconium	90-1	0.06	0.05	0.03	0.05	31.63	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:14:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.06	0.07	17.00	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04DUP	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123DU	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:17:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.07	5.32	14.62	7.33	88.82	ppb
Antimony	121-1	1.63	1.76	1.94	1.78	8.62	ppb
Arsenic	75-2	3.23	3.08	2.77	3.03	7.61	ppb
Barium	135-1	208.92	209.03	206.20	208.05	0.77	ppb
Barium	137-1	211.44	212.55	209.45	211.15	0.75	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	25.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	224.38	233.42	229.56	229.12	1.98	ppb
Boron	11-1	230.92	235.05	232.25	232.74	0.91	ppb
Cadmium	111-1	-0.03	0.02	-0.02	-0.01		ppb
Cadmium	106-1	-1.60	-1.01	-1.72	-1.44		ppb
Cadmium	108-1	0.08	0.15	0.01	0.08	91.80	ppb
Calcium	43-1	91688.27	92494.21	92691.69	92291.39	0.58	ppb
Calcium	44-1	90793.32	91717.22	91883.40	91464.65	0.64	ppb
Chromium	52-2	4.47	5.02	4.59	4.69	6.15	ppb
Cobalt	59-2	0.05	0.07	0.05	0.06	18.35	ppb
Copper	63-2	2.28	2.38	2.39	2.35	2.54	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	15.69	15.96	15.60	15.75	1.19	ppb
Iron	57-2	12.61	12.73	14.17	13.17	6.57	ppb
Lead	206-1	0.30	0.28	0.28	0.28	3.88	ppb
Lead	207-1	0.28	0.29	0.29	0.29	3.10	ppb
Lead	208-1	0.30	0.29	0.29	0.29	1.88	ppb
Lithium	6-1						%
Magnesium	24-2	12961.22	12752.85	12669.20	12794.43	1.18	ppb
Manganese	55-2	0.19	0.12	0.43	0.25	66.34	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04DUP	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123DU	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:17:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.34	2.40	2.10	2.28	6.92	ppb
Molybdenum	95-1	3.15	3.19	3.27	3.20	1.79	ppb
Molybdenum	96-1	2.95	3.21	3.06	3.07	4.30	ppb
Molybdenum	97-1	3.17	3.44	3.21	3.27	4.49	ppb
Molybdenum	98-1	3.09	3.21	3.19	3.16	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.57	2.67	2.46	2.56	4.05	ppb
Phosphorus	31-2	-17.54	34.52	84.95	33.98	150.83	ppb
Potassium	39-2	3001.59	2926.53	2863.44	2930.52	2.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-5.35	-5.35	-5.35	-5.35		ppb
Selenium	78-2	1.67	3.38	0.00	1.68	100.41	ppb
Selenium	82-1	0.41	-0.07	-0.11	0.08	375.35	ppb
Silicon	28-1	8792.55	8938.73	8853.66	8861.64	0.83	ppb
Silver	109-1	0.25	0.20	0.24	0.23	11.50	ppb
Silver	107-1	0.20	0.21	0.21	0.21	3.03	ppb
Sodium	23-2	51039.85	50964.16	50023.11	50675.70	1.12	ppb
Strontium	86-1	524.29	527.66	523.21	525.06	0.44	ppb
Strontium	88-1	543.64	537.29	544.09	541.68	0.70	ppb
Sulfur	34-1	8441.77	8555.04	8102.19	8366.33	2.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.08	0.08	0.09	11.54	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	5.37	ppb
Tin	118-1	1.01	1.09	1.11	1.07	5.10	ppb
Titanium	47-1	0.79	0.93	0.84	0.85	8.57	ppb
Uranium	238-1	0.84	0.88	0.84	0.85	2.16	ppb
Vanadium	51-2	0.66	0.71	0.63	0.67	6.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.57	3.87	4.17	4.20	8.31	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	30.22	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04DUP	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123DU	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:17:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.02	0.03	49.49	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04LX5	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-02 16:20:19	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.29	-1.17	1.45	-1.34		ppb
Antimony	121-1	0.41	0.32	0.36	0.36	13.17	ppb
Arsenic	75-2	0.62	0.69	0.91	0.74	20.20	ppb
Barium	135-1	40.97	39.80	40.87	40.55	1.59	ppb
Barium	137-1	40.76	41.08	40.39	40.74	0.86	ppb
Beryllium	9-1	0.04	0.08	0.08	0.07	36.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	67.45	60.33	63.56	63.78	5.59	ppb
Boron	11-1	60.72	66.03	63.76	63.50	4.20	ppb
Cadmium	111-1	-0.01	-0.02	-0.07	-0.03		ppb
Cadmium	106-1	-0.67	-1.04	-1.66	-1.12		ppb
Cadmium	108-1	0.04	0.11	0.00	0.05	107.94	ppb
Calcium	43-1	17838.48	17901.37	17720.72	17820.19	0.51	ppb
Calcium	44-1	17926.89	17944.52	17887.22	17919.55	0.16	ppb
Chromium	52-2	1.06	1.15	1.06	1.09	4.36	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	91.96	ppb
Copper	63-2	0.67	0.79	0.67	0.71	10.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.78	4.59	4.01	4.13	10.11	ppb
Iron	57-2	7.51	4.84	1.93	4.76	58.61	ppb
Lead	206-1	0.06	0.07	0.03	0.05	33.72	ppb
Lead	207-1	0.05	0.06	0.05	0.05	12.26	ppb
Lead	208-1	0.05	0.05	0.04	0.05	10.45	ppb
Lithium	6-1						%
Magnesium	24-2	2526.29	2772.85	2505.40	2601.51	5.72	ppb
Manganese	55-2	0.04	0.05	0.09	0.06	43.83	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04LX5	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-02 16:20:19	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.38	0.45	0.41	9.74	ppb
Molybdenum	95-1	0.61	0.64	0.61	0.62	2.94	ppb
Molybdenum	96-1	0.52	0.56	0.61	0.56	7.80	ppb
Molybdenum	97-1	0.58	0.61	0.69	0.63	8.81	ppb
Molybdenum	98-1	0.56	0.60	0.58	0.58	3.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.34	0.00	0.19	92.06	ppb
Phosphorus	31-2	-17.54	-17.54	-17.54	-17.54		ppb
Potassium	39-2	578.75	615.23	552.30	582.09	5.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-5.35	-5.35	-5.35	-5.35		ppb
Selenium	78-2	1.51	0.00	3.08	1.53	100.61	ppb
Selenium	82-1	0.21	1.24	0.07	0.50	126.59	ppb
Silicon	28-1	1701.40	1706.92	1710.43	1706.25	0.27	ppb
Silver	109-1	0.07	0.10	0.06	0.08	24.46	ppb
Silver	107-1	0.06	0.07	0.06	0.06	7.77	ppb
Sodium	23-2	9912.43	10509.05	9610.32	10010.60	4.57	ppb
Strontium	86-1	101.12	101.43	100.42	100.99	0.52	ppb
Strontium	88-1	105.24	107.11	104.21	105.52	1.40	ppb
Sulfur	34-1	-382.41	-396.38	-480.38	-419.72		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	40.60	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	23.21	ppb
Tin	118-1	0.21	0.16	0.19	0.19	14.63	ppb
Titanium	47-1	0.34	0.24	0.17	0.25	34.31	ppb
Uranium	238-1	0.18	0.18	0.16	0.17	4.90	ppb
Vanadium	51-2	0.18	0.23	0.16	0.19	19.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.87	1.16	0.66	0.90	28.03	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04LX5	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-02 16:20:19	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	-0.01	0.01	0.02	144.68	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04MS	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123MS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:23:28	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9818.21	9723.32	9741.56	9761.03	0.52	ppb
Antimony	121-1	553.94	541.48	546.78	547.40	1.14	ppb
Arsenic	75-2	557.99	557.93	564.15	560.02	0.64	ppb
Barium	135-1	2806.04	2759.80	2765.51	2777.11	0.91	ppb
Barium	137-1	2789.48	2736.04	2746.26	2757.26	1.03	ppb
Beryllium	9-1	364.82	360.80	356.39	360.67	1.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	526.20	542.13	532.44	533.59	1.50	ppb
Boron	11-1	529.34	527.94	537.62	531.63	0.98	ppb
Cadmium	111-1	523.21	519.45	524.87	522.51	0.53	ppb
Cadmium	106-1	529.83	509.84	525.97	521.88	2.03	ppb
Cadmium	108-1	527.74	521.59	530.62	526.65	0.88	ppb
Calcium	43-1	154808.67	153526.25	153187.70	153840.87	0.56	ppb
Calcium	44-1	153193.37	151872.87	152805.09	152623.78	0.44	ppb
Chromium	52-2	615.25	608.26	625.10	616.21	1.37	ppb
Cobalt	59-2	611.53	602.37	619.95	611.29	1.44	ppb
Copper	63-2	1173.17	1157.73	1185.48	1172.12	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27881.47	27298.12	28176.49	27785.36	1.61	ppb
Iron	57-2	26975.22	26601.64	27350.00	26975.62	1.39	ppb
Lead	206-1	573.74	573.53	576.94	574.73	0.33	ppb
Lead	207-1	568.01	563.93	575.56	569.17	1.04	ppb
Lead	208-1	571.48	567.63	571.91	570.34	0.41	ppb
Lithium	6-1						%
Magnesium	24-2	77664.61	76840.90	78934.21	77813.24	1.36	ppb
Manganese	55-2	1046.84	1021.84	1057.86	1042.18	1.77	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04MS	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123MS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:23:28	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2767.21	2764.31	2788.65	2773.39	0.48	ppb
Molybdenum	95-1	2702.51	2698.95	2702.05	2701.17	0.07	ppb
Molybdenum	96-1	2715.64	2719.62	2725.89	2720.38	0.19	ppb
Molybdenum	97-1	2710.19	2728.42	2742.95	2727.19	0.60	ppb
Molybdenum	98-1	2746.36	2690.60	2746.53	2727.83	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	625.97	617.98	638.79	627.58	1.67	ppb
Phosphorus	31-2	38.93	-17.54	-17.54	1.28	2538.17	ppb
Potassium	39-2	27880.17	26420.98	27660.48	27320.54	2.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	534.69	512.34	439.41	495.48	10.06	ppb
Selenium	78-2	543.53	565.77	588.47	565.92	3.97	ppb
Selenium	82-1	573.36	566.35	573.80	571.17	0.73	ppb
Silicon	28-1	9078.50	8945.95	8890.41	8971.62	1.08	ppb
Silver	109-1	544.69	547.89	547.14	546.57	0.31	ppb
Silver	107-1	552.40	546.62	545.04	548.02	0.71	ppb
Sodium	23-2	115854.10	113340.53	116148.88	115114.50	1.34	ppb
Strontium	86-1	1106.56	1095.83	1104.26	1102.22	0.51	ppb
Strontium	88-1	1110.39	1095.67	1099.66	1101.90	0.69	ppb
Sulfur	34-1	8980.31	8610.41	8365.82	8652.18	3.58	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	583.23	575.27	590.87	583.12	1.34	ppb
Thallium	205-1	576.98	573.63	584.83	578.48	0.99	ppb
Tin	118-1	499.10	494.92	491.14	495.05	0.80	ppb
Titanium	47-1	2667.29	2619.77	2634.38	2640.48	0.92	ppb
Uranium	238-1	577.13	568.70	578.17	574.66	0.90	ppb
Vanadium	51-2	582.43	581.81	588.20	584.15	0.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1062.93	1058.74	1087.89	1069.85	1.47	ppb
Zirconium	90-1	576.86	567.54	575.29	573.23	0.87	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04MS	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123MS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:23:28	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	560.97	561.16	568.31	563.48	0.74	ppb

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : J1301-04MSD Instrumnet Name : P8
 Client Sample ID : OUTFALL001-180123MS Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 16:26:29 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9098.07	9799.71	9099.13	9332.30	4.34	ppb
Antimony	121-1	522.84	524.44	519.69	522.33	0.46	ppb
Arsenic	75-2	558.10	568.77	546.98	557.95	1.95	ppb
Barium	135-1	2677.17	2675.76	2667.52	2673.48	0.20	ppb
Barium	137-1	2684.05	2662.10	2669.49	2671.88	0.42	ppb
Beryllium	9-1	342.16	330.14	334.42	335.58	1.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	509.52	514.80	499.72	508.01	1.51	ppb
Boron	11-1	499.66	501.00	512.19	504.29	1.36	ppb
Cadmium	111-1	499.30	497.29	491.26	495.95	0.84	ppb
Cadmium	106-1	503.07	503.74	488.39	498.40	1.74	ppb
Cadmium	108-1	491.39	498.94	492.46	494.26	0.83	ppb
Calcium	43-1	152299.44	148039.42	152098.72	150812.53	1.59	ppb
Calcium	44-1	150308.26	147917.23	149359.34	149194.94	0.81	ppb
Chromium	52-2	592.98	631.42	579.66	601.35	4.47	ppb
Cobalt	59-2	604.58	637.80	595.92	612.77	3.61	ppb
Copper	63-2	1156.63	1230.46	1141.30	1176.13	4.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27451.68	28681.44	26943.38	27692.17	3.23	ppb
Iron	57-2	26982.42	28202.15	26573.75	27252.77	3.11	ppb
Lead	206-1	555.58	558.06	558.49	557.38	0.28	ppb
Lead	207-1	561.61	557.02	558.59	559.07	0.42	ppb
Lead	208-1	556.51	555.30	559.20	557.00	0.36	ppb
Lithium	6-1						%
Magnesium	24-2	76249.29	80739.51	75105.41	77364.74	3.85	ppb
Manganese	55-2	1017.12	1084.73	1002.07	1034.64	4.26	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04MSD	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123MS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:26:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2695.89	2723.57	2682.80	2700.75	0.77	ppb
Molybdenum	95-1	2614.27	2622.17	2631.99	2622.81	0.34	ppb
Molybdenum	96-1	2639.38	2653.80	2638.09	2643.76	0.33	ppb
Molybdenum	97-1	2642.90	2674.20	2658.03	2658.38	0.59	ppb
Molybdenum	98-1	2641.91	2659.22	2638.98	2646.70	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	608.05	650.64	607.56	622.08	3.98	ppb
Phosphorus	31-2	101.43	-17.54	41.47	41.79	142.36	ppb
Potassium	39-2	26281.77	28253.07	26096.93	26877.26	4.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	528.05	599.10	394.01	507.05	20.54	ppb
Selenium	78-2	489.89	532.56	509.91	510.79	4.18	ppb
Selenium	82-1	547.39	553.55	553.64	551.53	0.65	ppb
Silicon	28-1	8828.92	8626.93	8687.97	8714.61	1.19	ppb
Silver	109-1	522.11	526.33	519.72	522.72	0.64	ppb
Silver	107-1	530.69	513.52	516.53	520.25	1.76	ppb
Sodium	23-2	113642.10	121467.78	113189.73	116099.87	4.01	ppb
Strontium	86-1	1072.23	1074.76	1062.91	1069.97	0.58	ppb
Strontium	88-1	1075.29	1068.35	1064.98	1069.54	0.49	ppb
Sulfur	34-1	8218.88	7816.02	8111.76	8048.89	2.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	567.12	565.71	570.05	567.63	0.39	ppb
Thallium	205-1	559.57	558.94	565.84	561.45	0.68	ppb
Tin	118-1	477.40	475.91	475.80	476.37	0.19	ppb
Titanium	47-1	2577.71	2530.13	2543.69	2550.51	0.96	ppb
Uranium	238-1	558.39	563.32	564.78	562.17	0.60	ppb
Vanadium	51-2	574.65	602.25	568.18	581.70	3.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1059.73	1116.76	1040.50	1072.33	3.70	ppb
Zirconium	90-1	554.58	559.69	552.80	555.69	0.64	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04MSD	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123MS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:26:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	542.42	549.16	540.68	544.09	0.82	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04A	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:29:31	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9651.13	9418.38	9878.91	9649.47	2.39	ppb
Antimony	121-1	533.38	537.99	535.82	535.73	0.43	ppb
Arsenic	75-2	560.64	558.01	564.61	561.09	0.59	ppb
Barium	135-1	2736.52	2768.55	2740.60	2748.56	0.63	ppb
Barium	137-1	2714.64	2743.41	2734.79	2730.94	0.54	ppb
Beryllium	9-1	342.13	339.44	338.97	340.18	0.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	516.52	525.23	529.55	523.77	1.27	ppb
Boron	11-1	509.97	513.47	521.34	514.92	1.13	ppb
Cadmium	111-1	507.03	512.90	511.87	510.60	0.61	ppb
Cadmium	106-1	497.64	498.46	507.31	501.13	1.07	ppb
Cadmium	108-1	512.51	506.09	512.48	510.36	0.73	ppb
Calcium	43-1	153517.96	151081.80	151176.42	151925.40	0.91	ppb
Calcium	44-1	151223.87	150584.22	150891.89	150899.99	0.21	ppb
Chromium	52-2	601.42	607.37	628.35	612.38	2.31	ppb
Cobalt	59-2	611.32	612.59	636.28	620.06	2.27	ppb
Copper	63-2	1168.40	1178.21	1227.38	1191.33	2.65	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27652.86	27839.22	28665.99	28052.69	1.92	ppb
Iron	57-2	27067.22	26981.70	27926.98	27325.30	1.91	ppb
Lead	206-1	573.26	577.25	566.44	572.31	0.96	ppb
Lead	207-1	571.56	574.51	569.16	571.75	0.47	ppb
Lead	208-1	567.97	572.36	567.10	569.14	0.50	ppb
Lithium	6-1						%
Magnesium	24-2	76596.28	77145.79	80130.45	77957.51	2.44	ppb
Manganese	55-2	1023.32	1040.44	1085.57	1049.78	3.06	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04A	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:29:31	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2738.07	2727.75	2747.74	2737.85	0.37	ppb
Molybdenum	95-1	2671.02	2687.55	2666.54	2675.04	0.41	ppb
Molybdenum	96-1	2695.97	2704.49	2671.13	2690.53	0.64	ppb
Molybdenum	97-1	2699.57	2691.32	2704.55	2698.48	0.25	ppb
Molybdenum	98-1	2688.94	2701.07	2707.30	2699.10	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	621.38	635.35	652.69	636.47	2.46	ppb
Phosphorus	31-2	-17.54	102.81	-17.54	22.58	307.76	ppb
Potassium	39-2	26591.83	26970.48	27656.74	27073.02	1.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	505.64	667.75	667.19	613.53	15.23	ppb
Selenium	78-2	493.58	427.46	499.89	473.64	8.47	ppb
Selenium	82-1	565.73	562.67	556.35	561.59	0.85	ppb
Silicon	28-1	8803.22	8690.61	8707.73	8733.85	0.69	ppb
Silver	109-1	538.05	535.42	538.10	537.19	0.29	ppb
Silver	107-1	536.73	528.64	536.47	533.95	0.86	ppb
Sodium	23-2	113824.58	115581.24	121423.26	116943.03	3.40	ppb
Strontium	86-1	1078.24	1086.01	1079.50	1081.25	0.39	ppb
Strontium	88-1	1096.63	1099.96	1083.83	1093.48	0.78	ppb
Sulfur	34-1	8337.37	7794.77	7900.08	8010.74	3.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	579.70	582.68	586.82	583.07	0.61	ppb
Thallium	205-1	574.00	575.43	579.44	576.29	0.49	ppb
Tin	118-1	483.56	486.99	483.65	484.73	0.40	ppb
Titanium	47-1	2637.67	2569.74	2606.93	2604.78	1.31	ppb
Uranium	238-1	573.78	576.54	580.77	577.03	0.61	ppb
Vanadium	51-2	572.40	583.55	604.30	586.75	2.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1065.92	1073.69	1119.91	1086.51	2.69	ppb
Zirconium	90-1	561.80	567.79	562.44	564.01	0.58	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04A	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:29:31	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	560.16	560.11	554.43	558.23	0.59	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P8
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:49:43	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47408.11	48465.53	46400.87	47424.84	2.18	ppb
Antimony	121-1	486.67	484.27	534.25	501.73	5.62	ppb
Arsenic	75-2	481.27	482.96	486.20	483.47	0.52	ppb
Barium	135-1	2458.07	2440.38	2719.62	2539.36	6.16	ppb
Barium	137-1	2442.74	2427.20	2686.77	2518.90	5.78	ppb
Beryllium	9-1	487.52	494.41	523.14	501.69	3.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	500.63	506.92	531.40	512.98	3.17	ppb
Boron	11-1	497.71	508.98	541.98	516.22	4.46	ppb
Cadmium	111-1	469.10	466.75	516.45	484.10	5.79	ppb
Cadmium	106-1	479.29	477.94	521.04	492.76	4.97	ppb
Cadmium	108-1	480.68	476.20	523.51	493.46	5.29	ppb
Calcium	43-1	234128.22	233640.36	254342.95	240703.84	4.91	ppb
Calcium	44-1	231532.25	230571.28	253424.57	238509.37	5.42	ppb
Chromium	52-2	488.83	497.58	492.15	492.85	0.90	ppb
Cobalt	59-2	477.84	487.91	476.93	480.90	1.27	ppb
Copper	63-2	945.38	961.57	941.09	949.35	1.14	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	120446.20	122381.01	119790.25	120872.49	1.11	ppb
Iron	57-2	117966.11	120147.17	117512.47	118541.92	1.19	ppb
Lead	206-1	508.80	506.28	556.80	523.96	5.43	ppb
Lead	207-1	504.76	504.07	550.47	519.76	5.12	ppb
Lead	208-1	507.12	504.67	553.35	521.71	5.26	ppb
Lithium	6-1						%
Magnesium	24-2	239302.94	242317.34	234693.67	238771.31	1.61	ppb
Manganese	55-2	964.95	981.21	953.37	966.51	1.45	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P8
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:49:43	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2497.65	2523.84	2740.15	2587.21	5.14	ppb
Molybdenum	95-1	2485.26	2507.49	2718.11	2570.29	5.00	ppb
Molybdenum	96-1	2495.19	2483.77	2716.28	2565.08	5.11	ppb
Molybdenum	97-1	2528.62	2528.41	2778.52	2611.85	5.53	ppb
Molybdenum	98-1	2503.69	2504.87	2715.07	2574.55	4.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.26	491.35	479.27	483.63	1.39	ppb
Phosphorus	31-2	9297.34	8847.31	8362.17	8835.61	5.29	ppb
Potassium	39-2	117155.30	118600.81	116064.64	117273.58	1.08	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	659.46	430.10	500.67	530.08	22.16	ppb
Selenium	78-2	482.29	484.26	504.25	490.27	2.48	ppb
Selenium	82-1	485.90	485.31	530.94	500.72	5.23	ppb
Silicon	28-1	508.44	505.77	575.06	529.76	7.41	ppb
Silver	109-1	480.91	478.14	524.19	494.41	5.22	ppb
Silver	107-1	479.99	482.90	528.46	497.12	5.47	ppb
Sodium	23-2	236564.74	240329.18	232467.71	236453.87	1.66	ppb
Strontium	86-1	498.58	498.81	539.87	512.42	4.64	ppb
Strontium	88-1	507.36	505.61	554.88	522.61	5.35	ppb
Sulfur	34-1	9102.82	9052.28	11034.08	9729.73	11.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.37	504.20	549.42	518.66	5.14	ppb
Thallium	205-1	501.42	498.85	547.59	515.95	5.32	ppb
Tin	118-1	492.66	491.11	538.22	507.33	5.28	ppb
Titanium	47-1	2527.39	2505.83	2699.70	2577.64	4.12	ppb
Uranium	238-1	515.32	508.91	560.32	528.18	5.30	ppb
Vanadium	51-2	487.71	495.60	480.53	487.95	1.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	942.66	959.51	936.74	946.31	1.25	ppb
Zirconium	90-1	502.65	499.87	547.24	516.59	5.15	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P8
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:49:43	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.20	491.90	542.16	509.09	5.63	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P8
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:54:41	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.29	-1.71	0.86	-1.71		ppb
Antimony	121-1	0.24	0.24	0.27	0.25	6.50	ppb
Arsenic	75-2	-0.06	-0.03	0.00	-0.03		ppb
Barium	135-1	0.03	0.03	0.01	0.02	48.21	ppb
Barium	137-1	0.01	0.02	0.02	0.02	19.83	ppb
Beryllium	9-1	0.30	0.23	0.30	0.28	13.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.72	13.67	12.26	12.21	12.08	ppb
Boron	11-1	11.73	11.35	11.76	11.61	1.97	ppb
Cadmium	111-1	-0.09	-0.03	-0.01	-0.04		ppb
Cadmium	106-1	-1.33	-0.87	-0.47	-0.89		ppb
Cadmium	108-1	0.14	-0.03	-0.07	0.02	717.37	ppb
Calcium	43-1	-12.64	-12.68	-13.94	-13.08		ppb
Calcium	44-1	0.89	-0.03	-0.07	0.26	203.98	ppb
Chromium	52-2	0.01	0.05	-0.05	0.00		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.06	0.05	0.03	0.05	32.65	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.21	2.21	1.69	2.04	14.66	ppb
Iron	57-2	3.38	0.78	7.65	3.94	88.05	ppb
Lead	206-1	0.03	0.03	0.02	0.03	9.80	ppb
Lead	207-1	0.05	0.04	0.04	0.04	14.58	ppb
Lead	208-1	0.04	0.03	0.04	0.03	12.87	ppb
Lithium	6-1						%
Magnesium	24-2	-11.03	-5.49	-2.29	-6.27		ppb
Manganese	55-2	0.01	-0.09	-0.01	-0.03		ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P8
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:54:41	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.05	0.09	0.07	30.23	ppb
Molybdenum	95-1	0.05	0.05	0.08	0.06	33.92	ppb
Molybdenum	96-1	0.09	0.07	0.09	0.08	19.27	ppb
Molybdenum	97-1	0.10	0.06	0.08	0.08	28.78	ppb
Molybdenum	98-1	0.08	0.08	0.09	0.08	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.64	-0.69	-0.72	-0.68		ppb
Phosphorus	31-2	-17.54	-17.54	-17.54	-17.54		ppb
Potassium	39-2	2.50	-0.28	-16.62	-4.80		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-5.35	-5.35	12.08	0.46	2186.37	ppb
Selenium	78-2	1.36	0.00	4.10	1.82	114.81	ppb
Selenium	82-1	0.59	0.65	0.78	0.67	14.69	ppb
Silicon	28-1	-29.95	-31.61	-22.89	-28.15		ppb
Silver	109-1	0.01	0.02	0.02	0.02	21.19	ppb
Silver	107-1	0.02	0.02	0.02	0.02	26.65	ppb
Sodium	23-2	24.24	24.19	35.32	27.92	22.98	ppb
Strontium	86-1	0.00	-0.06	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	9.30	ppb
Sulfur	34-1	-1689.66	-1692.14	-686.14	-1355.98		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.08	0.09	0.08	6.24	ppb
Thallium	205-1	0.07	0.09	0.10	0.08	16.89	ppb
Tin	118-1	0.04	0.02	0.08	0.05	59.57	ppb
Titanium	47-1	0.05	-0.04	-0.03	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.21	ppb
Vanadium	51-2	0.00	0.02	0.02	0.01	96.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.24	0.26	0.30	0.27	10.88	ppb
Zirconium	90-1	0.01	0.03	0.01	0.02	61.30	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P8
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:54:41	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.00	0.01	108.62	ppb

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:06:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	17	17	50.01	cps
Antimony	121-1	58	67	133	86	47.74	cps
Arsenic	75-2	4	2	6	4	50.09	cps
Barium	135-1	17	25	50	31	56.77	cps
Barium	137-1	50	83	58	64	27.15	cps
Beryllium	9-1	100	83	72	85	16.41	cps
Bismuth	209-1	6317753	5628704	6438361	6128273	7.13	cps
Bismuth	209-2	1398228	1392664	1394115	1395002	0.21	cps
Boron	10-1	158	117	92	122	27.56	cps
Boron	11-1	608	475	567	550	12.40	cps
Cadmium	111-1	960	935	851	915	6.24	cps
Cadmium	106-1	1342	1342	1200	1295	6.32	cps
Cadmium	108-1	0	13	8	7	91.66	cps
Calcium	43-1	800	517	775	697	22.50	cps
Calcium	44-1	11614	11772	11697	11694	0.68	cps
Chromium	52-2	250	203	297	250	18.67	cps
Cobalt	59-2	60	43	43	49	19.69	cps
Copper	63-2	120	137	137	131	7.34	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	50	42	17	36	48.03	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	9106500	8081393	9348334	8845409	7.60	cps
Holmium	165-2	1720327	1679477	1719471	1706425	1.37	cps
Indium	115-1	7136552	6354482	7333612	6941549	7.46	cps
Indium	115-2	248072	246323	244916	246437	0.64	cps
Iron	56-2	783	850	889	841	6.35	cps
Iron	57-2	17	50	11	26	81.12	cps
Lead	206-1	394	244	356	331	23.48	cps
Lead	207-1	256	222	283	254	12.06	cps
Lead	208-1	1300	1133	1295	1243	7.62	cps
Lithium	6-1	972349	874738	993764	946950	6.70	cps
Magnesium	24-2	325	367	217	303	25.57	cps
Manganese	55-2	47	20	10	26	74.17	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:06:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	167	200	203	18.53	cps
Molybdenum	95-1	58	83	58	67	21.65	cps
Molybdenum	96-1	75	158	117	117	35.72	cps
Molybdenum	97-1	17	67	42	42	60.00	cps
Molybdenum	98-1	42	42	92	58	49.48	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	557	490	463	503	9.55	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1750	1492	1458	1567	10.19	cps
Rhodium	103-1	6559515	5743999	6653537	6319017	7.92	cps
Rhodium	103-2	1560232	1557283	1559543	1559019	0.10	cps
Scandium	45-1	3627934	3208224	3665575	3500577	7.25	cps
Scandium	45-2	23410	23527	23163	23366	0.79	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	2	-80	3	-25	-187.97	cps
Silicon	28-1	332068	332166	330751	331662	0.24	cps
Silver	109-1	50	58	25	44	39.04	cps
Silver	107-1	133	33	83	83	60.00	cps
Sodium	23-2	3809	3951	3609	3790	4.53	cps
Strontium	86-1	425	508	475	469	8.93	cps
Strontium	88-1	133	158	108	133	18.75	cps
Sulfur	34-1	299606	298643	300857	299702	0.37	cps
Terbium	159-1	9429720	8451394	9593874	9158329	6.74	cps
Terbium	159-2	1637221	1636891	1642411	1638841	0.19	cps
Thallium	203-1	158	217	133	169	25.24	cps
Thallium	205-1	325	425	317	356	16.96	cps
Tin	118-1	758	842	858	820	6.54	cps
Titanium	47-1	83	100	150	111	31.22	cps
Uranium	238-1	33	33	33	33	0.00	cps
Vanadium	51-2	0	3	10	4	114.60	cps
Yttrium	89-1	7254377	6428049	7309037	6997154	7.05	cps
Yttrium	89-2	179258	178275	179005	178846	0.29	cps
Zinc	66-2	43	33	30	36	19.51	cps
Zirconium	90-1	492	350	525	456	20.40	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:06:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	92	100	106	16.44	cps

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 14:13:38 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	117	58	86.90	cps
Antimony	121-1	14584	14141	13499	14075	3.87	cps
Arsenic	75-2	61	83	50	65	26.18	cps
Barium	135-1	15142	15643	16019	15601	2.82	cps
Barium	137-1	27262	26536	25935	26578	2.50	cps
Beryllium	9-1	800	894	733	809	10.00	cps
Bismuth	209-1	6286583	6208727	6235770	6243694	0.63	cps
Bismuth	209-2	1406122	1408659	1428971	1414584	0.89	cps
Boron	10-1	2050	1925	1934	1970	3.55	cps
Boron	11-1	9303	9128	9604	9345	2.57	cps
Cadmium	111-1	2424	2448	2683	2519	5.68	cps
Cadmium	106-1	1483	1492	1567	1514	3.03	cps
Cadmium	108-1	92	138	79	103	29.88	cps
Calcium	43-1	7744	7077	7619	7480	4.74	cps
Calcium	44-1	122884	123833	123456	123391	0.39	cps
Chromium	52-2	1307	1283	1290	1293	0.93	cps
Cobalt	59-2	1247	1287	1213	1249	2.94	cps
Copper	63-2	2324	2060	2170	2185	6.05	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	17	33	58	36	58.07	cps
Erbium	164-2	13	7	0	7	99.98	cps
Gadolinium	160-1	58	75	25	53	48.24	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	9335611	9336589	9234011	9302070	0.63	cps
Holmium	165-2	1720992	1704311	1718705	1714669	0.53	cps
Indium	115-1	7235496	7214472	7197195	7215721	0.27	cps
Indium	115-2	251399	249637	251040	250692	0.37	cps
Iron	56-2	17600	17662	17929	17730	0.98	cps
Iron	57-2	528	483	411	474	12.42	cps
Lead	206-1	5273	5173	5129	5192	1.43	cps
Lead	207-1	4879	4807	4973	4886	1.71	cps
Lead	208-1	21430	21380	21519	21443	0.33	cps
Lithium	6-1	982287	962370	955073	966577	1.46	cps
Magnesium	24-2	8636	8745	8753	8711	0.75	cps
Manganese	55-2	163	150	127	147	12.65	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:13:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12389	12048	12064	12167	1.58	cps
Molybdenum	95-1	14717	14567	14709	14664	0.58	cps
Molybdenum	96-1	17003	16177	16277	16486	2.73	cps
Molybdenum	97-1	9062	9295	8862	9073	2.39	cps
Molybdenum	98-1	24055	24314	23763	24044	1.15	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	927	880	953	920	4.03	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	5993	5868	6143	6002	2.30	cps
Rhodium	103-1	6698840	6657479	6607528	6654616	0.69	cps
Rhodium	103-2	1548372	1566654	1537639	1550889	0.95	cps
Scandium	45-1	3703429	3697395	3655024	3685283	0.72	cps
Scandium	45-2	22799	23493	23253	23182	1.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	7	4	7	41.70	cps
Selenium	82-1	433	456	455	448	2.90	cps
Silicon	28-1	372926	369345	371109	371127	0.48	cps
Silver	109-1	6902	7286	7461	7216	3.96	cps
Silver	107-1	7936	7786	7494	7739	2.90	cps
Sodium	23-2	22836	22911	23178	22975	0.78	cps
Strontium	86-1	2359	2625	2650	2545	6.35	cps
Strontium	88-1	17454	17387	16536	17125	2.99	cps
Sulfur	34-1	294867	298441	299842	297717	0.86	cps
Terbium	159-1	9560048	9562045	9595077	9572390	0.21	cps
Terbium	159-2	1638317	1636685	1618838	1631280	0.66	cps
Thallium	203-1	6277	6702	5893	6291	6.43	cps
Thallium	205-1	15460	14918	15343	15240	1.87	cps
Tin	118-1	25174	25400	25125	25233	0.58	cps
Titanium	47-1	3442	3884	3617	3648	6.10	cps
Uranium	238-1	20100	19040	19541	19561	2.71	cps
Vanadium	51-2	1790	1727	1877	1798	4.19	cps
Yttrium	89-1	7346450	7363954	7303438	7337947	0.42	cps
Yttrium	89-2	180542	182079	180944	181188	0.44	cps
Zinc	66-2	167	200	197	188	9.78	cps
Zirconium	90-1	10413	10788	11088	10763	3.14	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:13:38	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2200	2450	2400	2350	5.63	cps

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 14:17:06 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3626	3992	3717	3778	5.05	cps
Antimony	121-1	409562	409446	406925	408644	0.36	cps
Arsenic	75-2	3232	3299	3402	3311	2.59	cps
Barium	135-1	440955	443870	445592	443472	0.53	cps
Barium	137-1	779872	783555	779776	781067	0.28	cps
Beryllium	9-1	40536	39499	40708	40248	1.62	cps
Bismuth	209-1	6240173	6258179	6236923	6245092	0.18	cps
Bismuth	209-2	1405300	1414952	1412266	1410839	0.35	cps
Boron	10-1	4618	4384	4701	4568	3.60	cps
Boron	11-1	21166	21475	21500	21381	0.87	cps
Cadmium	111-1	87576	89544	87699	88273	1.25	cps
Cadmium	106-1	10296	10296	10088	10226	1.18	cps
Cadmium	108-1	6256	6260	6381	6299	1.13	cps
Calcium	43-1	79810	79642	79576	79676	0.15	cps
Calcium	44-1	1300710	1297419	1306081	1301404	0.34	cps
Chromium	52-2	27280	27507	27774	27521	0.90	cps
Cobalt	59-2	62392	62506	62322	62407	0.15	cps
Copper	63-2	110720	112588	111012	111440	0.90	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	25	67	75	56	48.22	cps
Gadolinium	160-2	0	10	0	3	173.21	cps
Holmium	165-1	9329347	9212925	9325410	9289228	0.71	cps
Holmium	165-2	1666643	1705222	1697286	1689717	1.21	cps
Indium	115-1	7185673	7203264	7238766	7209234	0.38	cps
Indium	115-2	246466	250959	249060	248829	0.91	cps
Iron	56-2	918206	933937	920379	924174	0.92	cps
Iron	57-2	23448	23615	23932	23665	1.04	cps
Lead	206-1	282752	285585	287266	285201	0.80	cps
Lead	207-1	256611	259953	258415	258326	0.65	cps
Lead	208-1	1155752	1161896	1161441	1159697	0.30	cps
Lithium	6-1	977070	962858	963722	967884	0.82	cps
Magnesium	24-2	90722	92038	91133	91298	0.74	cps
Manganese	55-2	14992	15025	15105	15040	0.39	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:17:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	679038	687054	681907	682666	0.59	cps
Molybdenum	95-1	833872	843149	829641	835554	0.83	cps
Molybdenum	96-1	930721	938381	928735	932612	0.55	cps
Molybdenum	97-1	522016	522656	523341	522671	0.13	cps
Molybdenum	98-1	1346186	1356444	1358745	1353792	0.49	cps
Neodymium	150-1	40	47	33	40	16.68	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	18796	19270	18983	19017	1.26	cps
Phosphorus	31-2	383	300	208	297	29.45	cps
Potassium	39-2	26877	26417	26743	26679	0.89	cps
Rhodium	103-1	6623294	6606434	6665099	6631609	0.46	cps
Rhodium	103-2	1525880	1528312	1537194	1530462	0.39	cps
Scandium	45-1	3666506	3694296	3679597	3680133	0.38	cps
Scandium	45-2	22795	23079	23279	23051	1.06	cps
Selenium	77-2	23	23	17	21	18.21	cps
Selenium	78-2	72	80	74	75	5.12	cps
Selenium	82-1	5147	5114	5176	5146	0.61	cps
Silicon	28-1	486513	487352	489654	487840	0.33	cps
Silver	109-1	406163	412892	410355	409803	0.83	cps
Silver	107-1	429853	427265	425273	427464	0.54	cps
Sodium	23-2	216357	219011	215981	217116	0.76	cps
Strontium	86-1	109277	109671	108521	109156	0.54	cps
Strontium	88-1	952745	943732	947484	947987	0.48	cps
Sulfur	34-1	320009	319317	318374	319233	0.26	cps
Terbium	159-1	9724983	9667759	9673729	9688824	0.32	cps
Terbium	159-2	1620712	1615254	1628459	1621475	0.41	cps
Thallium	203-1	350083	351063	351194	350780	0.17	cps
Thallium	205-1	830922	840858	831413	834398	0.67	cps
Tin	118-1	285496	285393	287412	286100	0.40	cps
Titanium	47-1	197194	196174	198639	197335	0.63	cps
Uranium	238-1	1158004	1162944	1154579	1158509	0.36	cps
Vanadium	51-2	20625	20769	20228	20541	1.36	cps
Yttrium	89-1	7325425	7332728	7330725	7329626	0.05	cps
Yttrium	89-2	179340	180555	180354	180083	0.36	cps
Zinc	66-2	9313	9163	9310	9262	0.93	cps
Zirconium	90-1	576730	572531	567383	572215	0.82	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:17:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	127551	126761	126298	126870	0.50	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:20:35	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9278	8728	9228	9078	3.35	cps
Antimony	121-1	1028829	1024554	1032915	1028766	0.41	cps
Arsenic	75-2	8240	7975	8010	8075	1.78	cps
Barium	135-1	1125436	1121146	1124689	1123757	0.20	cps
Barium	137-1	1959438	1994318	1968962	1974239	0.91	cps
Beryllium	9-1	99268	98613	98725	98869	0.35	cps
Bismuth	209-1	6336440	6358273	6386273	6360329	0.39	cps
Bismuth	209-2	1409601	1405997	1408822	1408140	0.13	cps
Boron	10-1	10996	10913	10955	10955	0.38	cps
Boron	11-1	50322	52196	53316	51945	2.91	cps
Cadmium	111-1	217697	217784	219269	218250	0.40	cps
Cadmium	106-1	24214	23404	23705	23774	1.72	cps
Cadmium	108-1	15613	15522	15672	15602	0.49	cps
Calcium	43-1	196365	195081	194268	195238	0.54	cps
Calcium	44-1	3223056	3225685	3200181	3216307	0.44	cps
Chromium	52-2	66577	66976	66554	66702	0.36	cps
Cobalt	59-2	152966	152645	150390	152000	0.92	cps
Copper	63-2	271628	274038	269483	271716	0.84	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	33	50	50	33.34	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	25	33	33	31	15.75	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	9527250	9534134	9522324	9527903	0.06	cps
Holmium	165-2	1710961	1703685	1711224	1708623	0.25	cps
Indium	115-1	7349158	7217316	7261038	7275837	0.92	cps
Indium	115-2	245965	246295	242667	244976	0.82	cps
Iron	56-2	2294507	2277822	2284846	2285725	0.37	cps
Iron	57-2	57497	56632	57580	57236	0.92	cps
Lead	206-1	720963	722978	723274	722405	0.17	cps
Lead	207-1	654443	656156	659529	656709	0.39	cps
Lead	208-1	2937145	2955134	2955237	2949172	0.35	cps
Lithium	6-1	970448	959897	974280	968209	0.77	cps
Magnesium	24-2	224951	218496	222726	222058	1.48	cps
Manganese	55-2	36805	37223	37434	37154	0.86	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:20:35	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1748528	1737431	1742918	1742959	0.32	cps
Molybdenum	95-1	2175958	2146701	2128450	2150370	1.11	cps
Molybdenum	96-1	2379482	2367488	2364714	2370561	0.33	cps
Molybdenum	97-1	1315683	1308923	1301565	1308724	0.54	cps
Molybdenum	98-1	3407192	3426623	3425129	3419648	0.32	cps
Neodymium	150-1	27	53	107	62	65.46	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	45608	45411	45778	45599	0.40	cps
Phosphorus	31-2	533	542	575	550	4.01	cps
Potassium	39-2	61811	62255	60430	61499	1.55	cps
Rhodium	103-1	6603176	6576004	6514070	6564416	0.70	cps
Rhodium	103-2	1501041	1490544	1502123	1497903	0.43	cps
Scandium	45-1	3660480	3600772	3631448	3630900	0.82	cps
Scandium	45-2	22512	22261	22565	22446	0.72	cps
Selenium	77-2	50	70	70	63	18.23	cps
Selenium	78-2	163	187	213	188	13.33	cps
Selenium	82-1	12641	12863	12803	12769	0.90	cps
Silicon	28-1	713678	712590	709222	711830	0.33	cps
Silver	109-1	1027661	1026901	1026354	1026972	0.06	cps
Silver	107-1	1069511	1070930	1070900	1070447	0.08	cps
Sodium	23-2	518780	521470	515582	518611	0.57	cps
Strontium	86-1	275053	273475	275618	274715	0.40	cps
Strontium	88-1	2421620	2410078	2413489	2415062	0.25	cps
Sulfur	34-1	344349	343375	344929	344218	0.23	cps
Terbium	159-1	9805384	9761718	9914509	9827204	0.80	cps
Terbium	159-2	1636919	1626952	1605016	1622962	1.01	cps
Thallium	203-1	886228	892203	890217	889549	0.34	cps
Thallium	205-1	2158942	2170921	2161760	2163875	0.29	cps
Tin	118-1	725121	714981	713225	717776	0.89	cps
Titanium	47-1	489775	492665	491665	491368	0.30	cps
Uranium	238-1	2981837	3033113	3026825	3013925	0.93	cps
Vanadium	51-2	50558	49226	49246	49677	1.54	cps
Yttrium	89-1	7443044	7348998	7352508	7381516	0.72	cps
Yttrium	89-2	176270	179408	174083	176587	1.52	cps
Zinc	66-2	23159	23450	22936	23182	1.11	cps
Zirconium	90-1	1467931	1455545	1453799	1459092	0.53	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:20:35	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	321927	318531	321563	320674	0.58	cps

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 14:23:58 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17662	17203	18304	17723	3.12	cps
Antimony	121-1	2086417	2111106	2093608	2097044	0.61	cps
Arsenic	75-2	16350	16180	16128	16219	0.72	cps
Barium	135-1	2264430	2287915	2304129	2285491	0.87	cps
Barium	137-1	3969428	3957575	3998413	3975138	0.53	cps
Beryllium	9-1	196410	194192	192998	194533	0.89	cps
Bismuth	209-1	6431012	6499981	6440971	6457321	0.58	cps
Bismuth	209-2	1405656	1405592	1408168	1406472	0.10	cps
Boron	10-1	21500	21517	22376	21798	2.30	cps
Boron	11-1	102204	101189	104454	102615	1.63	cps
Cadmium	111-1	436107	436079	438439	436875	0.31	cps
Cadmium	106-1	46565	45269	45277	45703	1.63	cps
Cadmium	108-1	30923	31274	30677	30958	0.97	cps
Calcium	43-1	392432	383288	384552	386757	1.28	cps
Calcium	44-1	6283576	6289608	6273198	6282127	0.13	cps
Chromium	52-2	129630	129549	130320	129833	0.33	cps
Cobalt	59-2	297206	297040	296528	296925	0.12	cps
Copper	63-2	530478	529270	529576	529775	0.12	cps
Dysprosium	156-1	42	42	0	28	86.60	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	7	0	13	7	99.98	cps
Holmium	165-1	9692944	9621205	9590050	9634733	0.55	cps
Holmium	165-2	1713655	1696252	1712673	1707526	0.57	cps
Indium	115-1	7325902	7243753	7322061	7297239	0.64	cps
Indium	115-2	242806	240321	241245	241457	0.52	cps
Iron	56-2	4382662	4391985	4381314	4385320	0.13	cps
Iron	57-2	110871	111364	112136	111457	0.57	cps
Lead	206-1	1459786	1471163	1462348	1464432	0.41	cps
Lead	207-1	1324257	1328653	1332489	1328467	0.31	cps
Lead	208-1	6011292	6053626	6083493	6049470	0.60	cps
Lithium	6-1	977348	987304	968781	977811	0.95	cps
Magnesium	24-2	432290	433054	430134	431826	0.35	cps
Manganese	55-2	71612	72631	72343	72195	0.73	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:23:58	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3482921	3494968	3493054	3490315	0.19	cps
Molybdenum	95-1	4264243	4260445	4305687	4276792	0.59	cps
Molybdenum	96-1	4712150	4710978	4718215	4713781	0.08	cps
Molybdenum	97-1	2704262	2697978	2720724	2707655	0.43	cps
Molybdenum	98-1	6821087	6834591	6845864	6833847	0.18	cps
Neodymium	150-1	147	100	107	118	21.43	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	89119	88459	89170	88916	0.45	cps
Phosphorus	31-2	1125	1142	1167	1145	1.83	cps
Potassium	39-2	119009	117949	117655	118204	0.60	cps
Rhodium	103-1	6617427	6575333	6605506	6599422	0.33	cps
Rhodium	103-2	1498270	1486728	1484484	1489827	0.50	cps
Scandium	45-1	3573578	3585911	3606637	3588709	0.47	cps
Scandium	45-2	22515	21837	21687	22013	2.00	cps
Selenium	77-2	123	97	107	109	12.37	cps
Selenium	78-2	361	391	409	387	6.28	cps
Selenium	82-1	25344	25349	25444	25379	0.22	cps
Silicon	28-1	967463	972454	966144	968687	0.34	cps
Silver	109-1	2073035	2094421	2093946	2087134	0.59	cps
Silver	107-1	2158617	2158755	2180664	2166012	0.59	cps
Sodium	23-2	1010638	1009402	1005803	1008614	0.25	cps
Strontium	86-1	548182	542844	545059	545362	0.49	cps
Strontium	88-1	4710984	4726224	4722020	4719742	0.17	cps
Sulfur	34-1	389726	386722	389258	388569	0.42	cps
Terbium	159-1	9997781	9958185	9922530	9959499	0.38	cps
Terbium	159-2	1619620	1620946	1645973	1628846	0.91	cps
Thallium	203-1	1825310	1820644	1833577	1826510	0.36	cps
Thallium	205-1	4358598	4349328	4340184	4349370	0.21	cps
Tin	118-1	1434966	1438780	1446759	1440169	0.42	cps
Titanium	47-1	968859	969645	974337	970947	0.31	cps
Uranium	238-1	6126035	6093333	6072961	6097443	0.44	cps
Vanadium	51-2	97341	96462	97180	96995	0.48	cps
Yttrium	89-1	7423624	7461579	7439446	7441549	0.26	cps
Yttrium	89-2	173921	173243	172622	173262	0.37	cps
Zinc	66-2	43879	43441	43602	43641	0.51	cps
Zirconium	90-1	2912372	2915532	2954098	2927334	0.79	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:23:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	642674	641824	644124	642874	0.18	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:27:15	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32338	33983	33382	33234	2.51	cps
Antimony	121-1	4142963	4152642	4116547	4137384	0.45	cps
Arsenic	75-2	30988	30714	31304	31002	0.95	cps
Barium	135-1	4503762	4504786	4435284	4481277	0.89	cps
Barium	137-1	7764146	7759079	7729430	7750885	0.24	cps
Beryllium	9-1	374007	371120	369241	371456	0.65	cps
Bismuth	209-1	6530056	6537249	6515439	6527581	0.17	cps
Bismuth	209-2	1417315	1357956	1374583	1383284	2.21	cps
Boron	10-1	41235	42271	43283	42263	2.42	cps
Boron	11-1	198683	199881	200171	199578	0.40	cps
Cadmium	111-1	850487	852582	853485	852185	0.18	cps
Cadmium	106-1	89732	90024	88876	89544	0.67	cps
Cadmium	108-1	60146	61377	61314	60945	1.14	cps
Calcium	43-1	752907	751748	747695	750783	0.36	cps
Calcium	44-1	12292230	12196356	12142277	12210288	0.62	cps
Chromium	52-2	245458	246614	247482	246518	0.41	cps
Cobalt	59-2	567855	565708	566099	566554	0.20	cps
Copper	63-2	1009716	1014196	1008192	1010701	0.31	cps
Dysprosium	156-1	67	33	67	56	34.65	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	67	67	58	24.74	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	50	75	67	64	19.92	cps
Gadolinium	160-2	10	13	0	8	89.21	cps
Holmium	165-1	9708037	9759158	9713148	9726781	0.29	cps
Holmium	165-2	1718122	1667430	1673962	1686505	1.64	cps
Indium	115-1	7333271	7229459	7300186	7287639	0.73	cps
Indium	115-2	234195	228179	231154	231176	1.30	cps
Iron	56-2	8402489	8337195	8406857	8382181	0.47	cps
Iron	57-2	213013	212980	214441	213478	0.39	cps
Lead	206-1	2959927	2975973	2938094	2957998	0.64	cps
Lead	207-1	2705856	2736083	2692821	2711587	0.82	cps
Lead	208-1	12074723	12155213	12052252	12094063	0.45	cps
Lithium	6-1	962935	977565	982793	974431	1.06	cps
Magnesium	24-2	824136	821990	823970	823365	0.15	cps
Manganese	55-2	137179	137585	138188	137651	0.37	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:27:15	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6769830	6796883	6703542	6756752	0.71	cps
Molybdenum	95-1	8361481	8291874	8216456	8289937	0.87	cps
Molybdenum	96-1	9201455	9195478	9198730	9198554	0.03	cps
Molybdenum	97-1	5302532	5295872	5260104	5286169	0.43	cps
Molybdenum	98-1	13457226	13468853	13399545	13441875	0.28	cps
Neodymium	150-1	233	193	200	209	10.26	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	168090	166245	168158	167498	0.65	cps
Phosphorus	31-2	2167	2284	1975	2142	7.27	cps
Potassium	39-2	224014	221497	222997	222836	0.57	cps
Rhodium	103-1	6624614	6604661	6576457	6601911	0.37	cps
Rhodium	103-2	1465252	1409781	1434883	1436639	1.93	cps
Scandium	45-1	3616969	3565543	3626443	3602985	0.91	cps
Scandium	45-2	21053	20385	20776	20738	1.62	cps
Selenium	77-2	213	170	227	203	14.57	cps
Selenium	78-2	656	683	698	679	3.18	cps
Selenium	82-1	49723	50359	49256	49779	1.11	cps
Silicon	28-1	1734645	1753520	1736870	1741678	0.59	cps
Silver	109-1	4033739	4096911	4043353	4058001	0.84	cps
Silver	107-1	4157268	4240203	4167739	4188403	1.08	cps
Sodium	23-2	1967178	1945255	1941962	1951465	0.70	cps
Strontium	86-1	1062006	1068409	1066710	1065708	0.31	cps
Strontium	88-1	9194004	9324089	9159756	9225950	0.94	cps
Sulfur	34-1	482955	482191	478078	481075	0.55	cps
Terbium	159-1	10129706	10065012	10111516	10102078	0.33	cps
Terbium	159-2	1639502	1590732	1600636	1610290	1.60	cps
Thallium	203-1	3627353	3681117	3601739	3636737	1.11	cps
Thallium	205-1	8454701	8572089	8503964	8510251	0.69	cps
Tin	118-1	2864901	2861885	2878814	2868533	0.31	cps
Titanium	47-1	1914410	1908622	1898743	1907258	0.42	cps
Uranium	238-1	12176826	12097706	12138327	12137620	0.33	cps
Vanadium	51-2	185159	186385	185815	185786	0.33	cps
Yttrium	89-1	7437861	7415844	7449919	7434541	0.23	cps
Yttrium	89-2	171971	163409	168276	167885	2.56	cps
Zinc	66-2	83382	83821	84297	83834	0.55	cps
Zirconium	90-1	5742562	5704630	5665901	5704364	0.67	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:27:15	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1259135	1260088	1251206	1256810	0.39	cps

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 14:30:30 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65167	64824	64648	64880	0.41	cps
Antimony	121-1	8165313	8156592	8100319	8140741	0.43	cps
Arsenic	75-2	59338	59286	59474	59366	0.16	cps
Barium	135-1	8916801	8899922	8808091	8874938	0.66	cps
Barium	137-1	15483905	15430960	15437409	15450758	0.19	cps
Beryllium	9-1	718410	715907	717715	717344	0.18	cps
Bismuth	209-1	6544131	6501283	6498298	6514571	0.39	cps
Bismuth	209-2	1396723	1290417	1385891	1357677	4.31	cps
Boron	10-1	81556	82672	84766	82998	1.96	cps
Boron	11-1	388370	391457	391988	390605	0.50	cps
Cadmium	111-1	1710944	1721408	1717009	1716454	0.31	cps
Cadmium	106-1	176804	175401	174118	175441	0.77	cps
Cadmium	108-1	120642	120986	120487	120705	0.21	cps
Calcium	43-1	1480481	1474352	1460796	1471876	0.68	cps
Calcium	44-1	23957313	23985471	23910575	23951120	0.16	cps
Chromium	52-2	469104	470723	467509	469112	0.34	cps
Cobalt	59-2	1079637	1077007	1071820	1076155	0.37	cps
Copper	63-2	1923154	1928070	1920323	1923849	0.20	cps
Dysprosium	156-1	108	108	75	97	19.80	cps
Dysprosium	156-2	17	0	7	8	107.84	cps
Erbium	164-1	83	33	92	69	45.44	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	17	67	50	44	57.28	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	9856799	9757929	9795522	9803417	0.51	cps
Holmium	165-2	1713472	1593859	1705364	1670898	4.00	cps
Indium	115-1	7252760	7162812	7164567	7193380	0.71	cps
Indium	115-2	228585	210341	225569	221498	4.42	cps
Iron	56-2	15980666	15843534	15816882	15880361	0.55	cps
Iron	57-2	403885	403843	405601	404443	0.25	cps
Lead	206-1	5886252	5853829	5838160	5859414	0.42	cps
Lead	207-1	5375382	5371410	5336853	5361215	0.40	cps
Lead	208-1	24001132	23905701	23967540	23958124	0.20	cps
Lithium	6-1	953825	948938	975524	959429	1.47	cps
Magnesium	24-2	1586677	1590273	1567616	1581522	0.77	cps
Manganese	55-2	263792	261054	259112	261320	0.90	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:30:30	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13389826	13409270	13513420	13437506	0.49	cps
Molybdenum	95-1	16642886	16544823	16546824	16578178	0.34	cps
Molybdenum	96-1	18388826	18263338	18317311	18323159	0.34	cps
Molybdenum	97-1	10487324	10331314	10437573	10418737	0.76	cps
Molybdenum	98-1	26870826	26636000	26828761	26778529	0.47	cps
Neodymium	150-1	413	320	327	353	14.74	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	318219	317786	315976	317327	0.37	cps
Phosphorus	31-2	3767	4251	3992	4004	6.04	cps
Potassium	39-2	415016	412381	410282	412560	0.58	cps
Rhodium	103-1	6456508	6414785	6406330	6425874	0.42	cps
Rhodium	103-2	1422650	1325066	1412800	1386838	3.87	cps
Scandium	45-1	3554938	3480232	3507299	3514156	1.08	cps
Scandium	45-2	20318	18836	19928	19694	3.90	cps
Selenium	77-2	370	390	350	370	5.41	cps
Selenium	78-2	1315	1357	1296	1323	2.37	cps
Selenium	82-1	97990	98090	96974	97685	0.63	cps
Silicon	28-1	2746797	2672722	2709081	2709533	1.37	cps
Silver	109-1	7871893	7875494	7879972	7875786	0.05	cps
Silver	107-1	8224131	8145632	8133110	8167624	0.60	cps
Sodium	23-2	3685731	3656179	3669948	3670619	0.40	cps
Strontium	86-1	2154621	2130871	2149872	2145121	0.59	cps
Strontium	88-1	18384192	18216397	18161960	18254183	0.63	cps
Sulfur	34-1	667708	660430	655645	661261	0.92	cps
Terbium	159-1	10127590	10167121	10141148	10145286	0.20	cps
Terbium	159-2	1646035	1523686	1601028	1590249	3.89	cps
Thallium	203-1	7170575	7125700	7197183	7164486	0.50	cps
Thallium	205-1	17196546	17122348	17060548	17126481	0.40	cps
Tin	118-1	5727125	5638813	5684286	5683408	0.78	cps
Titanium	47-1	3675443	3680314	3691633	3682463	0.23	cps
Uranium	238-1	24594016	24691565	24691821	24659134	0.23	cps
Vanadium	51-2	355705	354679	353325	354570	0.34	cps
Yttrium	89-1	7430431	7397280	7331279	7386330	0.68	cps
Yttrium	89-2	166511	154120	164544	161725	4.12	cps
Zinc	66-2	160010	160020	159781	159937	0.08	cps
Zirconium	90-1	11386357	11356491	11301658	11348169	0.38	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:30:30	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2561682	2554165	2553225	2556357	0.18	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:33:41	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	336093	340782	338959	338611	0.70	cps
Antimony	121-1	11364	11372	11948	11561	2.89	cps
Arsenic	75-2	24	35	22	27	25.83	cps
Barium	135-1	2284	2384	2434	2367	3.23	cps
Barium	137-1	4384	4051	4384	4273	4.51	cps
Beryllium	9-1	617	539	672	609	10.99	cps
Bismuth	209-1	6037255	5978015	5973704	5996325	0.59	cps
Bismuth	209-2	1257586	1278651	1294994	1277077	1.47	cps
Boron	10-1	4176	4167	3876	4073	4.20	cps
Boron	11-1	19238	18921	17161	18440	6.07	cps
Cadmium	111-1	1356	1201	1346	1301	6.65	cps
Cadmium	106-1	1508	1283	1483	1425	8.65	cps
Cadmium	108-1	42	38	25	35	24.98	cps
Calcium	43-1	7470753	7394208	7367731	7410897	0.72	cps
Calcium	44-1	121348415	121842811	122296028	121829085	0.39	cps
Chromium	52-2	7359	7105	7332	7265	1.92	cps
Cobalt	59-2	1370	1460	1353	1395	4.12	cps
Copper	63-2	2594	2654	2754	2667	3.03	cps
Dysprosium	156-1	75	100	67	81	21.54	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	83	33	42	53	50.76	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	58	108	142	103	40.81	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	9499716	9431022	9388286	9439675	0.60	cps
Holmium	165-2	1622406	1642943	1667651	1644333	1.38	cps
Indium	115-1	6809704	6834580	6832961	6825749	0.20	cps
Indium	115-2	219005	224307	225534	222949	1.56	cps
Iron	56-2	81414977	81090543	81377624	81294381	0.22	cps
Iron	57-2	2101024	2104534	2132745	2112767	0.82	cps
Lead	206-1	11350	11578	11250	11392	1.48	cps
Lead	207-1	9487	10004	10032	9841	3.12	cps
Lead	208-1	44543	45383	45127	45018	0.96	cps
Lithium	6-1	927140	935779	950979	937966	1.29	cps
Magnesium	24-2	8077217	8097737	8093548	8089501	0.13	cps
Manganese	55-2	787	830	873	830	5.22	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:33:41	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6152	5677	5910	5913	4.02	cps
Molybdenum	95-1	9028	9270	8912	9070	2.02	cps
Molybdenum	96-1	11939	12414	11889	12081	2.40	cps
Molybdenum	97-1	5843	5460	5601	5635	3.44	cps
Molybdenum	98-1	14075	14216	14433	14241	1.27	cps
Neodymium	150-1	60	80	120	87	35.26	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	3454	3464	3514	3477	0.92	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2215107	2195880	2199389	2203459	0.46	cps
Rhodium	103-1	5991054	5989900	6016257	5999070	0.25	cps
Rhodium	103-2	1308696	1342188	1355107	1335330	1.79	cps
Scandium	45-1	3462367	3437045	3434815	3444742	0.44	cps
Scandium	45-2	20218	20121	20802	20381	1.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	0	2	173.21	cps
Selenium	82-1	135	20	57	70	83.21	cps
Silicon	28-1	322569	321963	318871	321134	0.62	cps
Silver	109-1	575	667	625	622	7.38	cps
Silver	107-1	592	675	625	631	6.65	cps
Sodium	23-2	18966921	18988903	19008629	18988151	0.11	cps
Strontium	86-1	70281	68128	69361	69257	1.56	cps
Strontium	88-1	608535	601218	605166	604973	0.61	cps
Sulfur	34-1	268838	272352	271902	271031	0.71	cps
Terbium	159-1	9752834	9717222	9746854	9738970	0.20	cps
Terbium	159-2	1523340	1567284	1601556	1564060	2.51	cps
Thallium	203-1	4243	3909	3817	3990	5.61	cps
Thallium	205-1	9471	8603	7878	8651	9.22	cps
Tin	118-1	6127	5768	6093	5996	3.30	cps
Titanium	47-1	733	800	742	758	4.79	cps
Uranium	238-1	1675	1559	1742	1659	5.60	cps
Vanadium	51-2	60	50	87	66	28.92	cps
Yttrium	89-1	7099942	7071809	7129164	7100305	0.40	cps
Yttrium	89-2	158893	163171	167083	163049	2.51	cps
Zinc	66-2	527	477	557	520	7.77	cps
Zirconium	90-1	2600	2442	2367	2470	4.82	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:33:41	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	533	467	483	9.12	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:45:00	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1992	2100	1659	1917	12.01	cps
Antimony	121-1	1729471	1716189	1727396	1724352	0.41	cps
Arsenic	75-2	13490	13735	13436	13554	1.17	cps
Barium	135-1	185752	185854	190315	187307	1.39	cps
Barium	137-1	326359	329671	328580	328203	0.51	cps
Beryllium	9-1	81837	81697	81988	81841	0.18	cps
Bismuth	209-1	6657527	6778842	6746220	6727530	0.93	cps
Bismuth	209-2	1465612	1460125	1463302	1463013	0.19	cps
Boron	10-1	50682	52213	51645	51513	1.50	cps
Boron	11-1	238179	243882	246380	242814	1.73	cps
Cadmium	111-1	188801	186364	187885	187684	0.66	cps
Cadmium	106-1	31713	30711	31413	31279	1.64	cps
Cadmium	108-1	16531	16744	17315	16864	2.41	cps
Calcium	43-1	35822	36131	36223	36058	0.58	cps
Calcium	44-1	565148	566705	566389	566081	0.15	cps
Chromium	52-2	54215	53733	54178	54042	0.50	cps
Cobalt	59-2	126582	125989	127816	126796	0.74	cps
Copper	63-2	113263	112195	112201	112553	0.55	cps
Dysprosium	156-1	25	17	50	31	56.77	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	92	83	92	89	5.41	cps
Erbium	164-2	0	13	23	12	95.78	cps
Gadolinium	160-1	100	92	50	81	33.26	cps
Gadolinium	160-2	10	13	3	9	57.30	cps
Holmium	165-1	9825275	9925439	9847643	9866119	0.53	cps
Holmium	165-2	1787256	1755589	1778683	1773843	0.92	cps
Indium	115-1	7531590	7603637	7555276	7563501	0.49	cps
Indium	115-2	251246	248883	248856	249662	0.55	cps
Iron	56-2	376220	372885	375874	374993	0.49	cps
Iron	57-2	9559	9448	9698	9568	1.31	cps
Lead	206-1	1223319	1231718	1235219	1230085	0.50	cps
Lead	207-1	1070010	1078273	1086473	1078252	0.76	cps
Lead	208-1	5013329	5057435	5023310	5031358	0.46	cps
Lithium	6-1	1055437	1065465	1054624	1058509	0.57	cps
Magnesium	24-2	22736	22619	22694	22683	0.26	cps
Manganese	55-2	15385	15075	14938	15133	1.51	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:45:00	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3213737	3239417	3231092	3228082	0.41	cps
Molybdenum	95-1	1739847	1748179	1752180	1746735	0.36	cps
Molybdenum	96-1	2236726	2238592	2267102	2247474	0.76	cps
Molybdenum	97-1	1054421	1052397	1056897	1054571	0.21	cps
Molybdenum	98-1	2805675	2800151	2805744	2803857	0.11	cps
Neodymium	150-1	13	40	33	29	48.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	38316	37948	38650	38305	0.92	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	20758	21551	22068	21459	3.08	cps
Rhodium	103-1	6942173	6997734	6919879	6953262	0.58	cps
Rhodium	103-2	1598641	1575883	1607454	1593992	1.02	cps
Scandium	45-1	3806129	3836975	3811968	3818357	0.43	cps
Scandium	45-2	23256	22762	23173	23064	1.15	cps
Selenium	77-2	87	60	133	93	39.77	cps
Selenium	78-2	322	302	281	302	6.75	cps
Selenium	82-1	21255	21245	21346	21282	0.26	cps
Silicon	28-1	1606596	1588179	1594605	1596460	0.59	cps
Silver	109-1	841768	846905	850966	846547	0.54	cps
Silver	107-1	885893	891032	883124	886683	0.45	cps
Sodium	23-2	90370	90294	90705	90456	0.24	cps
Strontium	86-1	1079301	1080224	1085627	1081717	0.32	cps
Strontium	88-1	9420222	9416652	9510158	9449011	0.56	cps
Sulfur	34-1	290062	285845	284154	286687	1.06	cps
Terbium	159-1	10175152	10331333	10225640	10244042	0.78	cps
Terbium	159-2	1686501	1670295	1705176	1687324	1.03	cps
Thallium	203-1	1519863	1538460	1524164	1527496	0.64	cps
Thallium	205-1	3741949	3773510	3765493	3760317	0.44	cps
Tin	118-1	2961793	2985905	2920478	2956059	1.12	cps
Titanium	47-1	398513	400023	398066	398867	0.26	cps
Uranium	238-1	11706295	11680026	11792496	11726273	0.50	cps
Vanadium	51-2	41585	40167	41411	41055	1.88	cps
Yttrium	89-1	7722732	7658394	7625185	7668770	0.65	cps
Yttrium	89-2	182407	179526	179877	180603	0.87	cps
Zinc	66-2	18780	19244	18716	18913	1.52	cps
Zirconium	90-1	6107439	6042167	6074174	6074594	0.54	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 14:45:00	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1349622	1332652	1341872	1341382	0.63	cps

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 15:12:46 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	133	175	217	175	23.81	cps
Arsenic	75-2	4	19	4	9	99.03	cps
Barium	135-1	58	42	50	50	16.67	cps
Barium	137-1	50	17	50	39	49.48	cps
Beryllium	9-1	133	172	117	141	20.26	cps
Bismuth	209-1	6453882	5872216	6484003	6270034	5.50	cps
Bismuth	209-2	1454555	1447155	1444749	1448820	0.35	cps
Boron	10-1	583	550	558	564	3.08	cps
Boron	11-1	2542	2375	1984	2300	12.46	cps
Cadmium	111-1	984	889	1038	970	7.80	cps
Cadmium	106-1	1400	1258	1500	1386	8.76	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	517	633	608	586	10.48	cps
Calcium	44-1	11105	10321	10371	10599	4.14	cps
Chromium	52-2	230	260	223	238	8.21	cps
Cobalt	59-2	50	47	37	44	15.61	cps
Copper	63-2	110	117	123	117	5.72	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	9618182	8657569	9417875	9231209	5.49	cps
Holmium	165-2	1774069	1763285	1761262	1766205	0.39	cps
Indium	115-1	7548183	6803629	7310082	7220631	5.27	cps
Indium	115-2	257562	256549	256161	256757	0.28	cps
Iron	56-2	1256	1067	1100	1141	8.84	cps
Iron	57-2	28	28	33	30	10.81	cps
Lead	206-1	394	456	400	417	8.11	cps
Lead	207-1	378	372	361	370	2.29	cps
Lead	208-1	1695	1667	1639	1667	1.67	cps
Lithium	6-1	1029849	962307	1016748	1002968	3.57	cps
Magnesium	24-2	200	242	250	231	11.62	cps
Manganese	55-2	27	23	27	26	7.55	cps

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 15:12:46 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	175	133	175	23.81	cps
Molybdenum	95-1	25	42	117	61	79.90	cps
Molybdenum	96-1	92	50	92	78	30.93	cps
Molybdenum	97-1	67	75	58	67	12.49	cps
Molybdenum	98-1	67	33	58	53	32.88	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	333	383	400	372	9.32	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1608	1533	1475	1539	4.34	cps
Rhodium	103-1	6806704	6233707	6819645	6620019	5.05	cps
Rhodium	103-2	1603572	1611682	1596224	1603826	0.48	cps
Scandium	45-1	3766619	3478675	3752558	3665950	4.43	cps
Scandium	45-2	24348	23680	23617	23882	1.70	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-37	13	13	-3	-838.08	cps
Silicon	28-1	310115	311826	314347	312096	0.68	cps
Silver	109-1	58	67	42	56	22.91	cps
Silver	107-1	100	92	92	94	5.10	cps
Sodium	23-2	4551	4518	4359	4476	2.29	cps
Strontium	86-1	392	458	517	456	13.73	cps
Strontium	88-1	125	167	192	161	20.90	cps
Sulfur	34-1	299862	297451	298645	298653	0.40	cps
Terbium	159-1	9979937	9158327	9828075	9655446	4.53	cps
Terbium	159-2	1702906	1682617	1681369	1688964	0.72	cps
Thallium	203-1	283	200	158	214	29.76	cps
Thallium	205-1	383	475	667	508	28.44	cps
Tin	118-1	1234	1033	783	1017	22.20	cps
Titanium	47-1	108	100	75	94	18.37	cps
Uranium	238-1	25	25	42	31	31.50	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	7607457	6902309	7573878	7361215	5.40	cps
Yttrium	89-2	186227	184348	183771	184782	0.70	cps
Zinc	66-2	47	67	37	50	30.55	cps
Zirconium	90-1	525	417	458	467	11.71	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:12:46	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	100	75	86	14.78	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:15:54	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	319493	314398	319131	317674	0.89	cps
Antimony	121-1	9145	9862	9495	9501	3.77	cps
Arsenic	75-2	26	24	9	20	46.25	cps
Barium	135-1	2559	2892	3134	2862	10.09	cps
Barium	137-1	4676	5068	5035	4926	4.41	cps
Beryllium	9-1	361	339	256	319	17.47	cps
Bismuth	209-1	6391956	6453986	6404060	6416667	0.51	cps
Bismuth	209-2	1230580	1319015	1358363	1302652	5.02	cps
Boron	10-1	633	525	558	572	9.70	cps
Boron	11-1	2434	2642	2225	2434	8.56	cps
Cadmium	111-1	1549	1305	1313	1389	9.98	cps
Cadmium	106-1	1300	1275	1267	1281	1.36	cps
Cadmium	108-1	879	958	975	938	5.46	cps
Calcium	43-1	1562949	1551791	1546922	1553887	0.53	cps
Calcium	44-1	25204785	25009507	25064045	25092779	0.40	cps
Chromium	52-2	10497	10140	10104	10247	2.12	cps
Cobalt	59-2	1313	1363	1367	1348	2.22	cps
Copper	63-2	8226	7649	7986	7954	3.64	cps
Dysprosium	156-1	42	33	8	28	62.46	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	58	67	50	58	14.29	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	0	10	3	4	114.60	cps
Holmium	165-1	9919991	9887498	9880386	9895958	0.21	cps
Holmium	165-2	1564222	1676518	1709489	1650076	4.62	cps
Indium	115-1	7411604	7306769	7340527	7352967	0.73	cps
Indium	115-2	214811	231691	238719	228407	5.38	cps
Iron	56-2	33596428	33009922	33713161	33439837	1.13	cps
Iron	57-2	849111	835203	859685	848000	1.45	cps
Lead	206-1	30242	29552	29028	29607	2.06	cps
Lead	207-1	24636	23750	23723	24036	2.16	cps
Lead	208-1	115785	111575	110996	112785	2.32	cps
Lithium	6-1	983444	974057	960439	972647	1.19	cps
Magnesium	24-2	1646912	1645534	1666931	1653126	0.72	cps
Manganese	55-2	1047	1130	1207	1128	7.10	cps

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 15:15:54 DataFile Name : 017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3804761	3813676	3835778	3818071	0.42	cps
Molybdenum	95-1	6658943	6676130	6650057	6661710	0.20	cps
Molybdenum	96-1	7118648	7038245	7115816	7090903	0.64	cps
Molybdenum	97-1	4289800	4210980	4222916	4241232	1.00	cps
Molybdenum	98-1	10732664	10842288	10775633	10783529	0.51	cps
Neodymium	150-1	33	33	20	29	26.64	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	2217	2184	2280	2227	2.21	cps
Phosphorus	31-2	22185	21008	21918	21703	2.84	cps
Potassium	39-2	882438	877895	893949	884761	0.94	cps
Rhodium	103-1	6541159	6581221	6468882	6530421	0.87	cps
Rhodium	103-2	1306293	1419340	1459300	1394978	5.69	cps
Scandium	45-1	3691777	3662608	3617744	3657377	1.02	cps
Scandium	45-2	18973	21403	21503	20627	6.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-2	15	-119	-35	-207.85	cps
Silicon	28-1	382819	383998	383138	383318	0.16	cps
Silver	109-1	583	558	675	606	10.14	cps
Silver	107-1	508	567	717	597	18.00	cps
Sodium	23-2	3845648	3815899	3880377	3847308	0.84	cps
Strontium	86-1	75450	73398	73808	74219	1.46	cps
Strontium	88-1	645139	643179	645334	644551	0.18	cps
Sulfur	34-1	2052149	2027395	2034379	2037974	0.63	cps
Terbium	159-1	10226590	10201265	10142897	10190251	0.42	cps
Terbium	159-2	1501248	1570980	1615453	1562560	3.68	cps
Thallium	203-1	833	825	892	850	4.27	cps
Thallium	205-1	2300	2350	2025	2225	7.87	cps
Tin	118-1	1800	1767	1800	1789	1.08	cps
Titanium	47-1	1599266	1582018	1580983	1587422	0.65	cps
Uranium	238-1	408	383	442	411	7.12	cps
Vanadium	51-2	57	60	57	58	3.33	cps
Yttrium	89-1	7568461	7484354	7534532	7529116	0.56	cps
Yttrium	89-2	156862	169076	173304	166414	5.13	cps
Zinc	66-2	967	980	1013	987	2.44	cps
Zirconium	90-1	808	950	733	831	13.25	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:15:54	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	217	167	183	15.74	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:19:00	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325057	324169	325413	324880	0.20	cps
Antimony	121-1	179601	179770	178561	179311	0.37	cps
Arsenic	75-2	1282	1261	1289	1277	1.13	cps
Barium	135-1	41149	40321	39151	40207	2.50	cps
Barium	137-1	70446	69776	71687	70636	1.37	cps
Beryllium	9-1	15815	16182	15403	15800	2.47	cps
Bismuth	209-1	6385708	6145072	6365305	6298695	2.12	cps
Bismuth	209-2	1380812	1388040	1381116	1383323	0.30	cps
Boron	10-1	10012	9245	9887	9715	4.24	cps
Boron	11-1	46853	47354	46427	46878	0.99	cps
Cadmium	111-1	37570	37430	37734	37578	0.41	cps
Cadmium	106-1	7144	7136	7319	7199	1.44	cps
Cadmium	108-1	4201	4213	4284	4233	1.06	cps
Calcium	43-1	1560355	1595946	1581914	1579405	1.14	cps
Calcium	44-1	25620942	25735668	25629220	25661943	0.25	cps
Chromium	52-2	20999	21056	20589	20881	1.22	cps
Cobalt	59-2	25126	25280	25353	25253	0.46	cps
Copper	63-2	29318	29411	29221	29317	0.32	cps
Dysprosium	156-1	50	58	50	53	9.12	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	67	67	75	69	6.93	cps
Erbium	164-2	13	17	3	11	62.48	cps
Gadolinium	160-1	92	92	58	81	23.89	cps
Gadolinium	160-2	23	3	17	14	70.51	cps
Holmium	165-1	9890825	9514712	9832223	9745920	2.08	cps
Holmium	165-2	1760125	1764603	1743025	1755918	0.65	cps
Indium	115-1	7304147	6972385	7328098	7201543	2.76	cps
Indium	115-2	239984	243117	239804	240968	0.77	cps
Iron	56-2	34634472	34752611	34475931	34621005	0.40	cps
Iron	57-2	877860	885695	873055	878870	0.73	cps
Lead	206-1	150335	149879	149508	149907	0.28	cps
Lead	207-1	127096	126950	124965	126337	0.94	cps
Lead	208-1	585442	587107	578639	583729	0.77	cps
Lithium	6-1	961514	906641	951162	939772	3.10	cps
Magnesium	24-2	1717580	1734412	1705992	1719328	0.83	cps
Manganese	55-2	4071	4291	3841	4067	5.53	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:19:00	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4513887	4549207	4554844	4539313	0.49	cps
Molybdenum	95-1	7125948	7167646	7184853	7159482	0.42	cps
Molybdenum	96-1	7700247	7675820	7749786	7708618	0.49	cps
Molybdenum	97-1	4529471	4493040	4513138	4511883	0.40	cps
Molybdenum	98-1	11493241	11567877	11524328	11528482	0.33	cps
Neodymium	150-1	67	13	60	47	62.28	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	9497	9083	9046	9209	2.71	cps
Phosphorus	31-2	22544	22076	21267	21962	2.94	cps
Potassium	39-2	916498	916717	909973	914396	0.42	cps
Rhodium	103-1	6560742	6311243	6593678	6488554	2.38	cps
Rhodium	103-2	1470495	1481767	1461896	1471386	0.68	cps
Scandium	45-1	3636997	3511750	3629218	3592655	1.95	cps
Scandium	45-2	21894	21837	21153	21628	1.91	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	28	44	20	31	39.96	cps
Selenium	82-1	2133	2001	2094	2076	3.25	cps
Silicon	28-1	695688	692641	687552	691960	0.59	cps
Silver	109-1	156136	158505	157201	157281	0.75	cps
Silver	107-1	162366	163386	164948	163567	0.80	cps
Sodium	23-2	3960813	3941007	3943635	3948485	0.27	cps
Strontium	86-1	305427	304031	303479	304312	0.33	cps
Strontium	88-1	2625894	2712210	2696077	2678060	1.71	cps
Sulfur	34-1	2086665	2076995	2053291	2072317	0.83	cps
Terbium	159-1	10171028	9800494	10241141	10070888	2.35	cps
Terbium	159-2	1653323	1662066	1657466	1657618	0.26	cps
Thallium	203-1	150270	151146	149318	150245	0.61	cps
Thallium	205-1	359537	358279	358214	358677	0.21	cps
Tin	118-1	605931	609665	608509	608035	0.31	cps
Titanium	47-1	1686794	1683285	1701861	1690647	0.58	cps
Uranium	238-1	2565051	2562225	2536392	2554556	0.62	cps
Vanadium	51-2	7769	7869	7926	7855	1.01	cps
Yttrium	89-1	7555606	7179226	7622394	7452409	3.21	cps
Yttrium	89-2	173745	177084	174437	175089	1.01	cps
Zinc	66-2	2730	2744	2654	2709	1.79	cps
Zirconium	90-1	1275080	1274543	1283890	1277838	0.41	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:19:00	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	285843	282775	288379	285666	0.98	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P8
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:29:24	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	174418	178863	179749	177677	1.61	cps
Antimony	121-1	4067997	4066072	4046031	4060033	0.30	cps
Arsenic	75-2	31636	31586	31421	31548	0.36	cps
Barium	135-1	4472972	4463412	4427880	4454755	0.53	cps
Barium	137-1	7744339	7791056	7666593	7733996	0.81	cps
Beryllium	9-1	377194	378270	376532	377332	0.23	cps
Bismuth	209-1	6283644	6271817	6293235	6282898	0.17	cps
Bismuth	209-2	1371827	1376076	1383278	1377061	0.42	cps
Boron	10-1	43333	42940	43818	43364	1.01	cps
Boron	11-1	200922	207234	211867	206674	2.66	cps
Cadmium	111-1	828360	828257	823214	826610	0.36	cps
Cadmium	106-1	86587	86721	87669	86992	0.68	cps
Cadmium	108-1	58916	59125	60623	59555	1.56	cps
Calcium	43-1	3730350	3736165	3719806	3728774	0.22	cps
Calcium	44-1	60805353	60797226	61369541	60990707	0.54	cps
Chromium	52-2	257058	258794	256867	257573	0.41	cps
Cobalt	59-2	570427	575031	574020	573159	0.42	cps
Copper	63-2	996712	1000501	997444	998219	0.20	cps
Dysprosium	156-1	125	100	67	97	30.10	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	100	25	58	61	61.49	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	50	100	25	58	65.47	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	9744075	9803732	9847730	9798513	0.53	cps
Holmium	165-2	1754447	1765181	1762230	1760619	0.31	cps
Indium	115-1	7312242	7240167	7231722	7261377	0.61	cps
Indium	115-2	241564	241967	238995	240842	0.67	cps
Iron	56-2	42299988	42541576	42368247	42403270	0.29	cps
Iron	57-2	1069628	1079715	1074465	1074603	0.47	cps
Lead	206-1	2877433	2890882	2877844	2882053	0.27	cps
Lead	207-1	2625620	2638171	2654626	2639472	0.55	cps
Lead	208-1	11687142	11809011	11752962	11749705	0.52	cps
Lithium	6-1	987154	958993	969205	971784	1.47	cps
Magnesium	24-2	4263078	4238686	4204676	4235480	0.69	cps
Manganese	55-2	140326	143346	141875	141849	1.06	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P8
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:29:24	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6856771	6891897	6947868	6898845	0.67	cps
Molybdenum	95-1	8436937	8431341	8354762	8407680	0.55	cps
Molybdenum	96-1	9392167	9376784	9304849	9357933	0.50	cps
Molybdenum	97-1	5332916	5333558	5303718	5323397	0.32	cps
Molybdenum	98-1	13597672	13639039	13638587	13625099	0.17	cps
Neodymium	150-1	247	193	193	211	14.59	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	167031	168390	168661	168027	0.52	cps
Phosphorus	31-2	2125	2417	2417	2320	7.26	cps
Potassium	39-2	1151598	1149552	1154644	1151931	0.22	cps
Rhodium	103-1	6438957	6413507	6393512	6415325	0.36	cps
Rhodium	103-2	1450902	1458471	1445719	1451697	0.44	cps
Scandium	45-1	3706085	3681155	3719048	3702096	0.52	cps
Scandium	45-2	22819	22234	22962	22672	1.70	cps
Selenium	77-2	250	167	223	213	19.95	cps
Selenium	78-2	746	756	704	735	3.76	cps
Selenium	82-1	48769	48869	49215	48951	0.48	cps
Silicon	28-1	1701836	1739486	1757623	1732982	1.64	cps
Silver	109-1	3892534	3911893	3892652	3899026	0.29	cps
Silver	107-1	4045500	4062340	4081381	4063074	0.44	cps
Sodium	23-2	9875576	9909078	9894762	9893139	0.17	cps
Strontium	86-1	1096271	1095205	1105475	1098984	0.51	cps
Strontium	88-1	9458735	9538160	9602622	9533172	0.76	cps
Sulfur	34-1	481893	480233	480432	480853	0.19	cps
Terbium	159-1	10198923	10116654	10138968	10151515	0.42	cps
Terbium	159-2	1681700	1675168	1671884	1676250	0.30	cps
Thallium	203-1	3549460	3537830	3520122	3535804	0.42	cps
Thallium	205-1	8306431	8357867	8297517	8320605	0.39	cps
Tin	118-1	2859928	2868159	2855231	2861106	0.23	cps
Titanium	47-1	1937581	1948338	1975060	1953659	0.99	cps
Uranium	238-1	12006792	12089251	12031308	12042450	0.35	cps
Vanadium	51-2	193861	192688	195023	193857	0.60	cps
Yttrium	89-1	7516756	7501537	7529942	7516079	0.19	cps
Yttrium	89-2	177642	179259	176646	177849	0.74	cps
Zinc	66-2	82829	83033	84277	83380	0.94	cps
Zirconium	90-1	5820030	5801947	5843893	5821957	0.36	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P8
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:29:24	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1286819	1283452	1293231	1287834	0.39	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P8
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:44:28	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	17	14	34.67	cps
Antimony	121-1	267	408	417	364	23.17	cps
Arsenic	75-2	6	2	4	4	50.09	cps
Barium	135-1	58	50	25	44	39.04	cps
Barium	137-1	58	67	58	61	7.87	cps
Beryllium	9-1	144	128	111	128	13.05	cps
Bismuth	209-1	6471577	6448798	6465006	6461794	0.18	cps
Bismuth	209-2	1407873	1404830	1404665	1405789	0.13	cps
Boron	10-1	375	475	425	425	11.77	cps
Boron	11-1	2050	1909	1975	1978	3.58	cps
Cadmium	111-1	1004	830	942	925	9.49	cps
Cadmium	106-1	1408	1167	1342	1306	9.56	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	583	625	633	614	4.36	cps
Calcium	44-1	10688	10304	10413	10468	1.89	cps
Chromium	52-2	273	243	233	250	8.33	cps
Cobalt	59-2	20	27	37	28	30.20	cps
Copper	63-2	170	127	120	139	19.55	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	108	42	42	64	60.24	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	0	3	10	4	114.60	cps
Holmium	165-1	9598054	9475608	9445953	9506538	0.85	cps
Holmium	165-2	1705959	1703141	1690436	1699845	0.49	cps
Indium	115-1	7323591	7312165	7349561	7328439	0.26	cps
Indium	115-2	242516	244436	242202	243051	0.50	cps
Iron	56-2	1600	1422	1356	1459	8.66	cps
Iron	57-2	22	61	22	35	63.82	cps
Lead	206-1	428	506	411	448	11.25	cps
Lead	207-1	406	500	333	413	20.24	cps
Lead	208-1	1789	2022	1761	1858	7.72	cps
Lithium	6-1	992435	992614	989839	991629	0.16	cps
Magnesium	24-2	258	225	192	225	14.81	cps
Manganese	55-2	20	23	20	21	9.11	cps

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : CCB59 Instrumnet Name : P8
 Client Sample ID : CCB59 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 15:44:28 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	258	175	211	20.26	cps
Molybdenum	95-1	58	67	83	69	18.33	cps
Molybdenum	96-1	58	83	75	72	17.62	cps
Molybdenum	97-1	83	50	8	47	79.58	cps
Molybdenum	98-1	58	150	100	103	44.65	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	307	343	297	316	7.78	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	1684	1483	1767	1645	8.86	cps
Rhodium	103-1	6704935	6695520	6750730	6717062	0.44	cps
Rhodium	103-2	1528881	1519814	1498868	1515854	1.02	cps
Scandium	45-1	3631652	3617829	3626468	3625316	0.19	cps
Scandium	45-2	21987	22171	21827	21995	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-16	-49	19	-15	-222.59	cps
Silicon	28-1	286078	287599	285692	286456	0.35	cps
Silver	109-1	92	117	108	106	12.06	cps
Silver	107-1	125	92	175	131	32.13	cps
Sodium	23-2	5001	4759	4993	4918	2.79	cps
Strontium	86-1	342	492	458	431	18.29	cps
Strontium	88-1	108	125	125	119	8.06	cps
Sulfur	34-1	275438	271935	276217	274530	0.83	cps
Terbium	159-1	9930464	9881725	9843047	9885079	0.44	cps
Terbium	159-2	1629808	1629723	1613878	1624470	0.56	cps
Thallium	203-1	317	400	458	392	18.18	cps
Thallium	205-1	992	875	850	906	8.35	cps
Tin	118-1	942	683	875	833	16.09	cps
Titanium	47-1	117	75	83	92	24.05	cps
Uranium	238-1	17	50	17	28	69.27	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	7415523	7336667	7314718	7355636	0.72	cps
Yttrium	89-2	174525	173796	173252	173858	0.37	cps
Zinc	66-2	63	83	53	67	22.92	cps
Zirconium	90-1	508	525	475	503	5.06	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P8
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:44:28	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	108	92	94	13.48	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:47:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	108	83	89	19.52	cps
Antimony	121-1	14625	14609	14942	14725	1.28	cps
Arsenic	75-2	44	61	50	52	16.37	cps
Barium	135-1	15276	15643	15660	15526	1.40	cps
Barium	137-1	27413	27020	27371	27268	0.79	cps
Beryllium	9-1	761	817	839	806	4.97	cps
Bismuth	209-1	6541526	6425271	6516223	6494340	0.94	cps
Bismuth	209-2	1427649	1418936	1418356	1421647	0.37	cps
Boron	10-1	2159	2009	2225	2131	5.21	cps
Boron	11-1	9253	10304	10462	10007	6.57	cps
Cadmium	111-1	2259	2445	2456	2387	4.63	cps
Cadmium	106-1	1392	1425	1642	1486	9.13	cps
Cadmium	108-1	158	129	121	136	14.47	cps
Calcium	43-1	7486	7511	7344	7447	1.21	cps
Calcium	44-1	118791	117110	116951	117617	0.87	cps
Chromium	52-2	1260	1133	1187	1193	5.33	cps
Cobalt	59-2	1157	1127	1127	1137	1.52	cps
Copper	63-2	2077	1967	1977	2007	3.03	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	42	50	67	53	24.12	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	9503805	9535004	9478239	9505683	0.30	cps
Holmium	165-2	1720498	1709762	1700167	1710142	0.59	cps
Indium	115-1	7308620	7329098	7305693	7314470	0.17	cps
Indium	115-2	244725	244411	243266	244134	0.31	cps
Iron	56-2	17183	16299	16994	16825	2.77	cps
Iron	57-2	444	411	417	424	4.21	cps
Lead	206-1	5490	5518	5896	5635	4.02	cps
Lead	207-1	5157	5490	5173	5273	3.56	cps
Lead	208-1	22631	23131	22942	22901	1.10	cps
Lithium	6-1	978629	985958	991282	985290	0.64	cps
Magnesium	24-2	7369	7869	7294	7511	4.16	cps
Manganese	55-2	140	113	157	137	15.99	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:47:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11664	12164	12039	11956	2.18	cps
Molybdenum	95-1	14458	15001	14233	14564	2.71	cps
Molybdenum	96-1	16060	16093	15776	15977	1.09	cps
Molybdenum	97-1	9462	9420	8662	9181	4.91	cps
Molybdenum	98-1	23146	23313	23004	23154	0.67	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	717	677	573	656	11.28	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	5701	5593	5826	5707	2.05	cps
Rhodium	103-1	6709957	6770550	6728900	6736469	0.46	cps
Rhodium	103-2	1537330	1536696	1524951	1532992	0.45	cps
Scandium	45-1	3595691	3619497	3621617	3612268	0.40	cps
Scandium	45-2	22325	21530	21396	21750	2.31	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	15	7	4	9	65.47	cps
Selenium	82-1	407	473	539	473	13.98	cps
Silicon	28-1	328396	330192	326328	328305	0.59	cps
Silver	109-1	7394	7361	6894	7216	3.88	cps
Silver	107-1	7978	7452	7119	7516	5.76	cps
Sodium	23-2	22953	22076	22919	22649	2.19	cps
Strontium	86-1	2250	2359	2367	2325	2.80	cps
Strontium	88-1	16227	17203	16327	16586	3.24	cps
Sulfur	34-1	279649	280865	279722	280078	0.24	cps
Terbium	159-1	9833839	9897248	9901642	9877576	0.38	cps
Terbium	159-2	1639344	1652659	1632919	1641640	0.61	cps
Thallium	203-1	6944	7019	6360	6774	5.32	cps
Thallium	205-1	15944	16128	15894	15989	0.77	cps
Tin	118-1	26143	26201	25542	25962	1.41	cps
Titanium	47-1	3434	3817	3726	3659	5.47	cps
Uranium	238-1	20660	20535	20234	20476	1.07	cps
Vanadium	51-2	1610	1667	1613	1630	1.95	cps
Yttrium	89-1	7385766	7423507	7308767	7372680	0.79	cps
Yttrium	89-2	175667	173688	174009	174455	0.61	cps
Zinc	66-2	160	220	150	177	21.43	cps
Zirconium	90-1	10888	10396	10580	10621	2.34	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 15:47:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2300	2550	2475	2442	5.25	cps

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : PB106283BL Instrumnet Name : P8
 Client Sample ID : PB106283BL Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 16:07:53 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	17	14	34.67	cps
Antimony	121-1	192	192	250	211	15.95	cps
Arsenic	75-2	4	2	2	2	43.30	cps
Barium	135-1	8	25	50	28	75.51	cps
Barium	137-1	33	8	83	42	91.66	cps
Beryllium	9-1	100	89	83	91	9.35	cps
Bismuth	209-1	6540800	6606472	6549434	6565568	0.54	cps
Bismuth	209-2	1329747	1440084	1453880	1407904	4.83	cps
Boron	10-1	225	192	233	217	10.18	cps
Boron	11-1	1058	1183	1158	1133	5.84	cps
Cadmium	111-1	821	942	873	879	6.92	cps
Cadmium	106-1	1175	1350	1242	1256	7.03	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	542	500	525	522	4.02	cps
Calcium	44-1	10163	9996	10062	10074	0.83	cps
Chromium	52-2	193	237	190	207	12.60	cps
Cobalt	59-2	50	53	37	47	18.89	cps
Copper	63-2	140	157	103	133	20.46	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	25	50	58	44	39.04	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	9773556	9668727	9673044	9705109	0.61	cps
Holmium	165-2	1639468	1739841	1759309	1712872	3.75	cps
Indium	115-1	7545282	7527628	7478896	7517269	0.46	cps
Indium	115-2	235223	252442	255001	247556	4.35	cps
Iron	56-2	1011	1083	1056	1050	3.47	cps
Iron	57-2	17	11	28	19	45.83	cps
Lead	206-1	322	367	333	341	6.79	cps
Lead	207-1	439	300	417	385	19.37	cps
Lead	208-1	1589	1500	1628	1572	4.17	cps
Lithium	6-1	1021055	1023303	1013964	1019440	0.48	cps
Magnesium	24-2	242	217	275	244	11.97	cps
Manganese	55-2	17	23	17	19	20.36	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	PB106283BL	Instrumnet Name :	P8
Client Sample ID :	PB106283BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:07:53	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	242	208	236	10.78	cps
Molybdenum	95-1	25	58	33	39	44.62	cps
Molybdenum	96-1	125	100	67	97	30.10	cps
Molybdenum	97-1	58	67	50	58	14.29	cps
Molybdenum	98-1	50	50	58	53	9.12	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	247	310	267	274	11.80	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1583	1550	1492	1542	3.01	cps
Rhodium	103-1	6884230	6918888	6877805	6893641	0.32	cps
Rhodium	103-2	1471136	1573853	1600125	1548371	4.40	cps
Scandium	45-1	3750770	3703957	3704953	3719893	0.72	cps
Scandium	45-2	21303	22665	22695	22221	3.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	42	15	-19	13	241.09	cps
Silicon	28-1	302781	296477	297402	298887	1.14	cps
Silver	109-1	58	50	42	50	16.67	cps
Silver	107-1	125	67	58	83	43.59	cps
Sodium	23-2	4884	4576	4343	4601	5.91	cps
Strontium	86-1	483	400	442	442	9.43	cps
Strontium	88-1	108	92	92	97	9.90	cps
Sulfur	34-1	293372	293006	292053	292810	0.23	cps
Terbium	159-1	10062356	10177203	10084594	10108051	0.60	cps
Terbium	159-2	1563479	1674989	1685240	1641236	4.11	cps
Thallium	203-1	208	217	233	219	5.80	cps
Thallium	205-1	492	558	717	589	19.62	cps
Tin	118-1	1458	1525	1225	1403	11.23	cps
Titanium	47-1	100	108	108	106	4.56	cps
Uranium	238-1	17	25	8	17	50.01	cps
Vanadium	51-2	10	0	7	6	91.64	cps
Yttrium	89-1	7567013	7567654	7512078	7548915	0.42	cps
Yttrium	89-2	167272	179893	180059	175741	4.17	cps
Zinc	66-2	13	13	13	13	0.00	cps
Zirconium	90-1	508	425	433	456	10.08	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	PB106283BL	Instrumnet Name :	P8
Client Sample ID :	PB106283BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:07:53	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	125	75	103	24.77	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	PB106283BS	Instrumnet Name :	P8
Client Sample ID :	PB106283BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:11:01	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38219	37977	38094	38097	0.32	cps
Antimony	121-1	4467846	4474295	4480691	4474277	0.14	cps
Arsenic	75-2	34990	34517	34944	34817	0.75	cps
Barium	135-1	4877169	4797295	4892580	4855682	1.05	cps
Barium	137-1	8439552	8349426	8423610	8404196	0.57	cps
Beryllium	9-1	413668	409561	412760	411996	0.52	cps
Bismuth	209-1	6522920	6461375	6545330	6509875	0.67	cps
Bismuth	209-2	1436676	1424850	1423404	1428310	0.51	cps
Boron	10-1	45565	46986	46635	46395	1.60	cps
Boron	11-1	213686	218715	223336	218579	2.21	cps
Cadmium	111-1	924357	916599	923712	921556	0.47	cps
Cadmium	106-1	96151	96519	96678	96449	0.28	cps
Cadmium	108-1	66291	66438	65906	66212	0.41	cps
Calcium	43-1	823133	826277	829589	826333	0.39	cps
Calcium	44-1	13621397	13589836	13568279	13593170	0.20	cps
Chromium	52-2	280082	276981	276954	278006	0.65	cps
Cobalt	59-2	636833	632162	629644	632880	0.58	cps
Copper	63-2	1129362	1122329	1124188	1125293	0.32	cps
Dysprosium	156-1	75	67	33	58	37.79	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	50	42	8	33	66.15	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	42	67	25	44	47.19	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	9924580	9866325	9877265	9889390	0.31	cps
Holmium	165-2	1784312	1755009	1773545	1770955	0.84	cps
Indium	115-1	7409692	7274494	7402874	7362353	1.03	cps
Indium	115-2	247365	245871	244075	245770	0.67	cps
Iron	56-2	9532317	9467793	9387064	9462391	0.77	cps
Iron	57-2	239715	238698	237776	238730	0.41	cps
Lead	206-1	3166123	3158048	3163561	3162577	0.13	cps
Lead	207-1	2906792	2905664	2911744	2908066	0.11	cps
Lead	208-1	12918856	12927987	12924080	12923641	0.04	cps
Lithium	6-1	1010201	1012724	1027803	1016909	0.94	cps
Magnesium	24-2	934849	926213	925381	928814	0.56	cps
Manganese	55-2	156188	154355	154011	154851	0.76	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	PB106283BS	Instrumnet Name :	P8
Client Sample ID :	PB106283BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:11:01	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7545013	7379699	7449506	7458072	1.11	cps
Molybdenum	95-1	9105067	9073379	9114862	9097769	0.24	cps
Molybdenum	96-1	10188163	10137443	10094360	10139989	0.46	cps
Molybdenum	97-1	5778356	5699013	5776835	5751401	0.79	cps
Molybdenum	98-1	14705373	14626806	14782819	14704999	0.53	cps
Neodymium	150-1	213	240	247	233	7.56	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	186744	186330	186959	186678	0.17	cps
Phosphorus	31-2	2500	2392	2559	2484	3.41	cps
Potassium	39-2	254239	250983	248828	251350	1.08	cps
Rhodium	103-1	6630657	6623872	6732045	6662191	0.91	cps
Rhodium	103-2	1547855	1506091	1524456	1526134	1.37	cps
Scandium	45-1	3719363	3718171	3751383	3729639	0.51	cps
Scandium	45-2	22662	21927	22161	22250	1.69	cps
Selenium	77-2	260	203	233	232	12.21	cps
Selenium	78-2	800	730	722	751	5.72	cps
Selenium	82-1	54060	53875	54257	54064	0.35	cps
Silicon	28-1	1663604	1638937	1634402	1645648	0.95	cps
Silver	109-1	4456834	4400746	4393629	4417070	0.78	cps
Silver	107-1	4590565	4555256	4581174	4575665	0.40	cps
Sodium	23-2	2199742	2191164	2177476	2189461	0.51	cps
Strontium	86-1	1159479	1161833	1162129	1161147	0.13	cps
Strontium	88-1	10106252	10066946	10140887	10104695	0.37	cps
Sulfur	34-1	510968	510042	512912	511307	0.29	cps
Terbium	159-1	10191226	10193061	10305382	10229890	0.64	cps
Terbium	159-2	1713282	1679157	1688234	1693558	1.04	cps
Thallium	203-1	3887171	3904971	3888371	3893504	0.26	cps
Thallium	205-1	9213548	9241325	9146803	9200559	0.53	cps
Tin	118-1	3133889	3121585	3125764	3127079	0.20	cps
Titanium	47-1	2138667	2116855	2131331	2128951	0.52	cps
Uranium	238-1	12873145	12923048	13077545	12957913	0.82	cps
Vanadium	51-2	210797	208707	207384	208963	0.82	cps
Yttrium	89-1	7580238	7601204	7626011	7602485	0.30	cps
Yttrium	89-2	180491	177111	178769	178790	0.95	cps
Zinc	66-2	94277	94308	94163	94250	0.08	cps
Zirconium	90-1	6276155	6261472	6305464	6281030	0.36	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	PB106283BS	Instrumnet Name :	P8
Client Sample ID :	PB106283BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:11:01	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1412139	1428830	1416735	1419235	0.61	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:14:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	58	39	53.93	cps
Antimony	121-1	15551	15501	16236	15763	2.60	cps
Arsenic	75-2	191	170	156	172	10.26	cps
Barium	135-1	355855	359899	357966	357906	0.57	cps
Barium	137-1	630046	630480	625414	628647	0.45	cps
Beryllium	9-1	261	244	189	231	16.34	cps
Bismuth	209-1	6709989	6680721	6630922	6673877	0.60	cps
Bismuth	209-2	1327712	1319712	1322878	1323434	0.30	cps
Boron	10-1	25624	24914	26150	25563	2.43	cps
Boron	11-1	122755	120116	117226	120032	2.30	cps
Cadmium	111-1	1066	1041	1018	1042	2.32	cps
Cadmium	106-1	1208	1133	1217	1186	3.87	cps
Cadmium	108-1	54	21	13	29	75.60	cps
Calcium	43-1	1295748	1280841	1267777	1281456	1.09	cps
Calcium	44-1	21017303	20958187	20685341	20886944	0.85	cps
Chromium	52-2	2707	2497	2337	2514	7.38	cps
Cobalt	59-2	110	180	123	138	26.98	cps
Copper	63-2	1597	1750	1700	1682	4.65	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	58	42	25	42	40.00	cps
Gadolinium	160-2	0	7	0	2	173.21	cps
Holmium	165-1	9182640	9284881	9253889	9240470	0.57	cps
Holmium	165-2	1518218	1510509	1516000	1514909	0.26	cps
Indium	115-1	7158070	7243705	7196692	7199489	0.60	cps
Indium	115-2	213225	209434	209844	210834	0.99	cps
Iron	56-2	5507	5523	5518	5516	0.15	cps
Iron	57-2	144	100	172	139	26.23	cps
Lead	206-1	5240	3823	3528	4197	21.80	cps
Lead	207-1	4751	3890	3239	3960	19.15	cps
Lead	208-1	21152	16950	14165	17422	20.19	cps
Lithium	6-1	1048468	1060737	1061583	1056929	0.69	cps
Magnesium	24-2	178752	175528	170959	175080	2.24	cps
Manganese	55-2	67	63	40	57	25.64	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:14:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5810	6652	5910	6124	7.51	cps
Molybdenum	95-1	10413	10221	10313	10315	0.93	cps
Molybdenum	96-1	10438	11238	11414	11030	4.72	cps
Molybdenum	97-1	6452	6310	6752	6505	3.47	cps
Molybdenum	98-1	16961	16160	16903	16675	2.68	cps
Neodymium	150-1	27	33	0	20	88.19	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1147	1013	977	1046	8.56	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	24213	23520	22494	23409	3.70	cps
Rhodium	103-1	6119841	6114830	6151644	6128771	0.33	cps
Rhodium	103-2	1303901	1297018	1289081	1296667	0.57	cps
Scandium	45-1	3198093	3196212	3158608	3184305	0.70	cps
Scandium	45-2	17491	16740	16333	16855	3.49	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	39	13	7	20	86.84	cps
Silicon	28-1	20793235	20626811	20280303	20566783	1.27	cps
Silver	109-1	4834	4409	3642	4295	14.07	cps
Silver	107-1	5001	4201	3876	4359	13.29	cps
Sodium	23-2	1641125	1628458	1598257	1622614	1.36	cps
Strontium	86-1	1051421	1056852	1045600	1051291	0.54	cps
Strontium	88-1	9105467	9194372	9015531	9105123	0.98	cps
Sulfur	34-1	420035	411442	406076	412518	1.71	cps
Terbium	159-1	9593739	9589918	9743043	9642233	0.91	cps
Terbium	159-2	1440405	1444422	1439120	1441316	0.19	cps
Thallium	203-1	5118	3326	2900	3781	31.12	cps
Thallium	205-1	12215	8870	7319	9468	26.43	cps
Tin	118-1	9254	9128	7744	8709	9.62	cps
Titanium	47-1	933	792	867	864	8.20	cps
Uranium	238-1	21411	21294	21452	21386	0.38	cps
Vanadium	51-2	297	263	180	247	24.36	cps
Yttrium	89-1	6809450	6923402	6810024	6847625	0.96	cps
Yttrium	89-2	142669	140241	139893	140934	1.07	cps
Zinc	66-2	330	343	347	340	2.59	cps
Zirconium	90-1	1108	1008	783	967	17.22	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:14:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	283	233	267	10.82	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04DUP	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123DU	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:17:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	50	31	56.77	cps
Antimony	121-1	12773	13749	15293	13938	9.11	cps
Arsenic	75-2	163	154	139	152	8.00	cps
Barium	135-1	353339	354058	352306	353234	0.25	cps
Barium	137-1	621863	626072	622299	623411	0.37	cps
Beryllium	9-1	128	144	139	137	6.19	cps
Bismuth	209-1	6561953	6586691	6511819	6553488	0.58	cps
Bismuth	209-2	1305057	1300186	1302873	1302705	0.19	cps
Boron	10-1	22276	23003	22869	22716	1.70	cps
Boron	11-1	107945	109079	108953	108659	0.57	cps
Cadmium	111-1	921	1006	946	958	4.56	cps
Cadmium	106-1	1100	1200	1092	1131	5.33	cps
Cadmium	108-1	17	25	8	17	50.01	cps
Calcium	43-1	1201127	1194793	1192174	1196031	0.38	cps
Calcium	44-1	19543951	19467566	19418634	19476717	0.32	cps
Chromium	52-2	1850	2040	1910	1934	5.02	cps
Cobalt	59-2	73	90	80	81	10.34	cps
Copper	63-2	1847	1907	1947	1900	2.65	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	50	50	44	21.64	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	50	50	44	21.66	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	9387797	9439700	9448846	9425448	0.35	cps
Holmium	165-2	1502108	1510106	1502267	1504827	0.30	cps
Indium	115-1	7015759	7011231	6960544	6995844	0.44	cps
Indium	115-2	198541	199962	198416	198973	0.43	cps
Iron	56-2	4523	4556	4540	4540	0.37	cps
Iron	57-2	100	100	111	104	6.19	cps
Lead	206-1	2111	2000	1989	2034	3.32	cps
Lead	207-1	1772	1850	1850	1824	2.46	cps
Lead	208-1	8468	8257	8196	8307	1.72	cps
Lithium	6-1	1139562	1131403	1143660	1138209	0.55	cps
Magnesium	24-2	162762	158896	160445	160701	1.21	cps
Manganese	55-2	37	30	63	43	40.70	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04DUP	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123DU	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:17:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5827	5943	5226	5665	6.79	cps
Molybdenum	95-1	9420	9487	9712	9540	1.60	cps
Molybdenum	96-1	9787	10621	10121	10176	4.12	cps
Molybdenum	97-1	5960	6452	6018	6143	4.37	cps
Molybdenum	98-1	14859	15393	15276	15176	1.85	cps
Neodymium	150-1	13	40	7	20	88.19	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	993	1010	973	992	1.85	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	21517	20841	20749	21036	1.99	cps
Rhodium	103-1	6005770	6024610	5912271	5980883	1.01	cps
Rhodium	103-2	1260340	1253677	1262815	1258944	0.38	cps
Scandium	45-1	3047431	3004959	2991987	3014792	0.96	cps
Scandium	45-2	15789	15666	15923	15792	0.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	10	-33	-35	-19	-131.57	cps
Silicon	28-1	18982454	19024338	18764646	18923813	0.74	cps
Silver	109-1	1900	1534	1850	1761	11.29	cps
Silver	107-1	1642	1742	1709	1697	3.00	cps
Sodium	23-2	1504292	1490314	1486844	1493816	0.62	cps
Strontium	86-1	1004303	1007734	998372	1003469	0.47	cps
Strontium	88-1	8900142	8769849	8873181	8847724	0.78	cps
Sulfur	34-1	387167	383533	374864	381855	1.66	cps
Terbium	159-1	9611864	9626415	9710324	9649534	0.55	cps
Terbium	159-2	1427686	1430550	1437651	1431962	0.36	cps
Thallium	203-1	908	783	775	822	9.08	cps
Thallium	205-1	2000	1900	1825	1909	4.60	cps
Tin	118-1	6310	6785	6927	6674	4.84	cps
Titanium	47-1	600	683	625	636	6.72	cps
Uranium	238-1	20910	21787	20760	21152	2.62	cps
Vanadium	51-2	190	203	183	192	5.30	cps
Yttrium	89-1	6605652	6585931	6580213	6590598	0.20	cps
Yttrium	89-2	134881	133221	133288	133797	0.70	cps
Zinc	66-2	317	270	293	293	7.95	cps
Zirconium	90-1	817	725	633	725	12.64	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04DUP	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123DU	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:17:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	208	142	169	20.48	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04LX5	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-02 16:20:19	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	17	8	100.02	cps
Antimony	121-1	3517	2734	3025	3092	12.81	cps
Arsenic	75-2	37	39	52	43	18.95	cps
Barium	135-1	73672	71527	73428	72876	1.61	cps
Barium	137-1	127483	128393	126182	127353	0.87	cps
Beryllium	9-1	122	150	156	143	12.52	cps
Bismuth	209-1	6862244	6792560	6827984	6827596	0.51	cps
Bismuth	209-2	1399199	1332847	1397605	1376550	2.75	cps
Boron	10-1	6135	5418	5768	5774	6.21	cps
Boron	11-1	26049	27845	27227	27040	3.37	cps
Cadmium	111-1	1012	985	909	969	5.50	cps
Cadmium	106-1	1333	1267	1158	1253	7.05	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Calcium	43-1	248606	247536	247018	247720	0.33	cps
Calcium	44-1	4105466	4077470	4097223	4093386	0.35	cps
Chromium	52-2	617	610	630	619	1.65	cps
Cobalt	59-2	47	40	37	41	12.39	cps
Copper	63-2	657	713	667	679	4.46	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	83	50	42	58	37.80	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	17	17	50	28	69.27	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	10000233	9853635	9885269	9913046	0.78	cps
Holmium	165-2	1649615	1593622	1650299	1631179	1.99	cps
Indium	115-1	7280713	7308353	7344914	7311327	0.44	cps
Indium	115-2	215752	205815	218647	213405	3.15	cps
Iron	56-2	1650	1756	1750	1719	3.46	cps
Iron	57-2	72	50	33	52	37.63	cps
Lead	206-1	711	772	567	683	15.45	cps
Lead	207-1	544	611	578	578	5.77	cps
Lead	208-1	2661	2717	2478	2619	4.77	cps
Lithium	6-1	1028171	1012527	1024544	1021747	0.80	cps
Magnesium	24-2	34584	35587	35036	35069	1.43	cps
Manganese	55-2	23	23	30	26	15.07	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04LX5	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-02 16:20:19	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1208	1183	1367	1253	7.94	cps
Molybdenum	95-1	2025	2109	1992	2042	2.94	cps
Molybdenum	96-1	1950	2100	2250	2100	7.14	cps
Molybdenum	97-1	1208	1267	1417	1297	8.29	cps
Molybdenum	98-1	2942	3117	3042	3034	2.89	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	430	433	377	413	7.69	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	5426	5343	5343	5371	0.90	cps
Rhodium	103-1	6501334	6523794	6536942	6520690	0.28	cps
Rhodium	103-2	1379408	1314369	1373284	1355687	2.65	cps
Scandium	45-1	3235271	3210060	3235918	3227083	0.46	cps
Scandium	45-2	17124	16063	17491	16893	4.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-9	88	-22	19	310.48	cps
Silicon	28-1	4147753	4127783	4168950	4148162	0.50	cps
Silver	109-1	642	842	542	675	22.63	cps
Silver	107-1	625	675	592	631	6.65	cps
Sodium	23-2	319083	317168	316079	317443	0.48	cps
Strontium	86-1	208371	208787	206051	207737	0.71	cps
Strontium	88-1	1850117	1880955	1824213	1851762	1.53	cps
Sulfur	34-1	263266	260983	261678	261976	0.45	cps
Terbium	159-1	10217004	10209448	10206652	10211034	0.05	cps
Terbium	159-2	1588391	1504433	1540531	1544452	2.73	cps
Thallium	203-1	375	350	267	331	17.16	cps
Thallium	205-1	833	767	667	756	11.10	cps
Tin	118-1	2150	1834	2025	2003	7.96	cps
Titanium	47-1	333	267	217	272	21.50	cps
Uranium	238-1	4626	4559	4218	4468	4.90	cps
Vanadium	51-2	60	70	53	61	13.73	cps
Yttrium	89-1	7092969	7085014	7062969	7080318	0.22	cps
Yttrium	89-2	148722	140935	146054	145237	2.72	cps
Zinc	66-2	87	100	73	87	15.38	cps
Zirconium	90-1	433	383	442	419	7.52	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04LX5	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-02 16:20:19	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	92	142	150	41.95	cps

LB Number : LB93100 Operator : Jaswal
 Lab Sample ID : J1301-04MS Instrumnet Name : P8
 Client Sample ID : OUTFALL001-180123MS Dilution Factor : 1
 Date & Time Acquired :: 2018-02-02 16:23:28 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23554	23353	22727	23211	1.86	cps
Antimony	121-1	4241652	4169926	4206578	4206052	0.85	cps
Arsenic	75-2	25733	25128	25542	25468	1.21	cps
Barium	135-1	4679037	4628220	4633280	4646846	0.60	cps
Barium	137-1	8088594	7978977	8000966	8022846	0.72	cps
Beryllium	9-1	322301	318352	316226	318960	0.97	cps
Bismuth	209-1	6328762	6390077	6351011	6356617	0.49	cps
Bismuth	209-2	1237579	1227936	1239359	1234958	0.50	cps
Boron	10-1	53517	55065	54387	54323	1.43	cps
Boron	11-1	253578	252594	258657	254943	1.28	cps
Cadmium	111-1	840827	839564	847499	842630	0.51	cps
Cadmium	106-1	87970	85186	87752	86969	1.78	cps
Cadmium	108-1	59853	59493	60464	59937	0.82	cps
Calcium	43-1	1877463	1875444	1866126	1873011	0.32	cps
Calcium	44-1	30527806	30484658	30586760	30533075	0.17	cps
Chromium	52-2	211665	209503	209138	210102	0.65	cps
Cobalt	59-2	482611	475929	475800	478114	0.81	cps
Copper	63-2	827207	817262	812903	819124	0.90	cps
Dysprosium	156-1	125	117	117	119	4.03	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	4426	4034	4159	4206	4.76	cps
Erbium	164-2	607	590	627	608	3.02	cps
Gadolinium	160-1	408	342	308	353	14.43	cps
Gadolinium	160-2	50	57	40	49	17.16	cps
Holmium	165-1	9218623	9211925	9335600	9255383	0.75	cps
Holmium	165-2	1461566	1453741	1456691	1457333	0.27	cps
Indium	115-1	6510148	6528366	6491568	6510027	0.28	cps
Indium	115-2	181260	177743	179412	179472	0.98	cps
Iron	56-2	6429596	6302345	6318953	6350298	1.09	cps
Iron	57-2	161491	159438	159232	160054	0.78	cps
Lead	206-1	3272429	3302920	3302256	3292535	0.53	cps
Lead	207-1	2963895	2971115	3013835	2982948	0.90	cps
Lead	208-1	13333885	13372292	13390693	13365623	0.22	cps
Lithium	6-1	1171847	1170408	1176959	1173071	0.29	cps
Magnesium	24-2	891076	882644	880737	884819	0.62	cps
Manganese	55-2	100327	98044	98595	98989	1.20	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04MS	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123MS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:23:28	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6351101	6372807	6393015	6372308	0.33	cps
Molybdenum	95-1	7641516	7665577	7631536	7646210	0.23	cps
Molybdenum	96-1	8491887	8542383	8514254	8516175	0.30	cps
Molybdenum	97-1	4829040	4883256	4881853	4864716	0.64	cps
Molybdenum	98-1	12543771	12344061	12530307	12472713	0.89	cps
Neodymium	150-1	180	140	233	184	25.39	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	145911	144220	144800	144977	0.59	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	174771	165865	168633	169756	2.68	cps
Rhodium	103-1	5693821	5707082	5680982	5693962	0.23	cps
Rhodium	103-2	1176376	1162060	1166845	1168427	0.62	cps
Scandium	45-1	2821783	2842287	2834414	2832828	0.37	cps
Scandium	45-2	14441	14458	14044	14314	1.64	cps
Selenium	77-2	157	147	127	143	10.66	cps
Selenium	78-2	559	569	594	574	3.18	cps
Selenium	82-1	47954	47579	47936	47823	0.44	cps
Silicon	28-1	18139805	18008788	17849078	17999224	0.81	cps
Silver	109-1	4053217	4100285	4090692	4081398	0.61	cps
Silver	107-1	4259472	4239037	4222619	4240376	0.44	cps
Sodium	23-2	3120032	3055912	3041954	3072633	1.36	cps
Strontium	86-1	2019911	2009273	2013420	2014202	0.27	cps
Strontium	88-1	17326926	17173719	17140015	17213553	0.58	cps
Sulfur	34-1	366365	363585	358990	362980	1.03	cps
Terbium	159-1	9477650	9531798	9522514	9510654	0.30	cps
Terbium	159-2	1390481	1373942	1392742	1385722	0.74	cps
Thallium	203-1	4075985	4059260	4143893	4093046	1.10	cps
Thallium	205-1	9600529	9637312	9765408	9667750	0.90	cps
Tin	118-1	2662683	2655468	2632625	2650259	0.59	cps
Titanium	47-1	1583705	1566799	1571171	1573892	0.56	cps
Uranium	238-1	13778522	13708851	13851890	13779755	0.52	cps
Vanadium	51-2	151233	151246	148531	150337	1.04	cps
Yttrium	89-1	6296275	6324437	6289118	6303277	0.30	cps
Yttrium	89-2	125261	122329	122973	123521	1.25	cps
Zinc	66-2	62276	62102	61985	62121	0.24	cps
Zirconium	90-1	5587511	5521874	5566039	5558475	0.60	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04MS	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123MS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:23:28	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1217112	1222987	1231634	1223911	0.60	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04MSD	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123MS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:26:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20732	21016	20891	20880	0.68	cps
Antimony	121-1	3992494	4040886	4027789	4020390	0.62	cps
Arsenic	75-2	24396	23934	23950	24093	1.09	cps
Barium	135-1	4451868	4489745	4502145	4481253	0.58	cps
Barium	137-1	7761470	7767570	7834812	7787951	0.52	cps
Beryllium	9-1	301372	296110	297740	298407	0.90	cps
Bismuth	209-1	6316255	6350999	6327114	6331456	0.28	cps
Bismuth	209-2	1221878	1149422	1215078	1195459	3.35	cps
Boron	10-1	51669	53158	51226	52017	1.95	cps
Boron	11-1	238672	243686	247288	243215	1.78	cps
Cadmium	111-1	800246	804239	799149	801211	0.33	cps
Cadmium	106-1	83365	84228	82183	83259	1.23	cps
Cadmium	108-1	55577	56941	56530	56349	1.24	cps
Calcium	43-1	1783366	1760191	1787515	1777024	0.83	cps
Calcium	44-1	28920451	28898792	28842790	28887344	0.14	cps
Chromium	52-2	193777	194186	190858	192940	0.94	cps
Cobalt	59-2	453197	449961	450077	451078	0.41	cps
Copper	63-2	774652	775590	770151	773464	0.38	cps
Dysprosium	156-1	92	92	158	114	33.80	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	4234	3934	4226	4131	4.14	cps
Erbium	164-2	567	540	567	558	2.76	cps
Gadolinium	160-1	417	317	392	375	13.88	cps
Gadolinium	160-2	53	63	53	57	10.20	cps
Holmium	165-1	9189491	9231042	9364123	9261552	0.99	cps
Holmium	165-2	1435539	1355306	1434148	1408331	3.26	cps
Indium	115-1	6341473	6401946	6420512	6387977	0.65	cps
Indium	115-2	175673	165123	173308	171368	3.23	cps
Iron	56-2	6013071	5912647	5946247	5957322	0.86	cps
Iron	57-2	153434	150930	152250	152205	0.82	cps
Lead	206-1	3162623	3194200	3184616	3180480	0.51	cps
Lead	207-1	2924709	2916729	2913954	2918464	0.19	cps
Lead	208-1	12958939	13001882	13043819	13001547	0.33	cps
Lithium	6-1	1168290	1189673	1180937	1179633	0.91	cps
Magnesium	24-2	830975	828110	824684	827923	0.38	cps
Manganese	55-2	92591	92933	91909	92478	0.56	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04MSD	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123MS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:26:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6096401	6108361	6060839	6088534	0.41	cps
Molybdenum	95-1	7283286	7245231	7325453	7284657	0.55	cps
Molybdenum	96-1	8132049	8109243	8120075	8120456	0.14	cps
Molybdenum	97-1	4639890	4656233	4661855	4652659	0.25	cps
Molybdenum	98-1	11889270	11868758	11864395	11874141	0.11	cps
Neodymium	150-1	220	147	200	189	20.07	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	134636	135568	135542	135249	0.39	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	156543	158315	156621	157159	0.64	cps
Rhodium	103-1	5623163	5630402	5621503	5625023	0.08	cps
Rhodium	103-2	1143907	1080016	1140555	1121493	3.21	cps
Scandium	45-1	2724505	2766458	2734446	2741803	0.80	cps
Scandium	45-2	13717	12910	13820	13482	3.70	cps
Selenium	77-2	147	160	110	139	18.64	cps
Selenium	78-2	478	500	498	492	2.51	cps
Selenium	82-1	45107	45240	45578	45309	0.54	cps
Silicon	28-1	17040081	16912632	16833383	16928699	0.62	cps
Silver	109-1	3874515	3941094	3914424	3910011	0.86	cps
Silver	107-1	4080853	3984510	4031337	4032233	1.19	cps
Sodium	23-2	2907048	2924205	2917320	2916191	0.30	cps
Strontium	86-1	1928470	1917126	1909832	1918476	0.49	cps
Strontium	88-1	16532469	16290763	16357833	16393688	0.76	cps
Sulfur	34-1	342997	342510	342733	342747	0.07	cps
Terbium	159-1	9451559	9536990	9592897	9527149	0.75	cps
Terbium	159-2	1373104	1294847	1355681	1341211	3.06	cps
Thallium	203-1	3955559	3967418	3982829	3968602	0.34	cps
Thallium	205-1	9292474	9333133	9412726	9346111	0.65	cps
Tin	118-1	2539933	2554893	2569272	2554699	0.57	cps
Titanium	47-1	1477759	1472818	1463576	1471384	0.49	cps
Uranium	238-1	13304909	13496186	13480326	13427141	0.79	cps
Vanadium	51-2	141732	139796	141193	140907	0.71	cps
Yttrium	89-1	6203678	6152662	6197580	6184640	0.45	cps
Yttrium	89-2	118727	114292	118928	117316	2.23	cps
Zinc	66-2	58975	58489	58342	58602	0.57	cps
Zirconium	90-1	5292707	5297547	5270592	5286949	0.27	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04MSD	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123MS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:26:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1159561	1164324	1154710	1159531	0.41	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04A	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:29:31	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21976	21217	21350	21514	1.88	cps
Antimony	121-1	4047977	4084671	4068197	4066948	0.45	cps
Arsenic	75-2	24418	24162	24468	24349	0.67	cps
Barium	135-1	4522616	4577478	4531277	4543790	0.65	cps
Barium	137-1	7801718	7887703	7862965	7850795	0.56	cps
Beryllium	9-1	296449	296866	294930	296082	0.34	cps
Bismuth	209-1	6271528	6298503	6264762	6278264	0.28	cps
Bismuth	209-2	1212871	1214150	1222836	1216619	0.45	cps
Boron	10-1	51527	52882	53041	52483	1.59	cps
Boron	11-1	239628	243516	245965	243036	1.32	cps
Cadmium	111-1	807623	817314	815668	813535	0.64	cps
Cadmium	106-1	81973	82141	83575	82563	1.07	cps
Cadmium	108-1	57610	56911	57631	57384	0.71	cps
Calcium	43-1	1774532	1773081	1760443	1769352	0.44	cps
Calcium	44-1	28722696	29038520	28872353	28877857	0.55	cps
Chromium	52-2	196393	196207	194740	195780	0.46	cps
Cobalt	59-2	457917	453957	452363	454745	0.63	cps
Copper	63-2	781970	780085	779643	780566	0.16	cps
Dysprosium	156-1	100	108	67	92	24.05	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	3817	4076	4126	4006	4.13	cps
Erbium	164-2	570	603	597	590	2.99	cps
Gadolinium	160-1	392	408	400	400	2.08	cps
Gadolinium	160-2	43	40	73	52	35.16	cps
Holmium	165-1	9130943	9259392	9184228	9191521	0.70	cps
Holmium	165-2	1436987	1441418	1446732	1441712	0.34	cps
Indium	115-1	6219009	6351110	6313707	6294608	1.08	cps
Indium	115-2	173410	171767	172217	172465	0.49	cps
Iron	56-2	6052733	6028245	5955224	6012067	0.84	cps
Iron	57-2	153805	151676	150615	152032	1.07	cps
Lead	206-1	3240142	3276695	3198112	3238316	1.21	cps
Lead	207-1	2955443	2983482	2939840	2959588	0.75	cps
Lead	208-1	13132014	13290371	13097805	13173397	0.78	cps
Lithium	6-1	1149333	1160048	1154081	1154487	0.47	cps
Magnesium	24-2	834149	831132	828229	831170	0.36	cps
Manganese	55-2	93088	93631	93725	93481	0.37	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04A	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:29:31	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6079355	6069425	6121645	6090142	0.46	cps
Molybdenum	95-1	7306274	7367258	7318891	7330807	0.44	cps
Molybdenum	96-1	8155568	8198895	8107993	8154152	0.56	cps
Molybdenum	97-1	4653308	4649040	4677793	4660047	0.33	cps
Molybdenum	98-1	11881152	11960377	12003101	11948210	0.52	cps
Neodymium	150-1	147	227	227	200	23.10	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	137480	139059	137046	137862	0.77	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	158264	158785	156192	157747	0.87	cps
Rhodium	103-1	5493005	5504657	5561755	5519806	0.67	cps
Rhodium	103-2	1135294	1131025	1131885	1132734	0.20	cps
Scandium	45-1	2689497	2730616	2709457	2709857	0.76	cps
Scandium	45-2	13707	13560	13009	13425	2.74	cps
Selenium	77-2	140	183	183	169	14.82	cps
Selenium	78-2	480	413	483	459	8.64	cps
Selenium	82-1	45773	45623	45168	45521	0.69	cps
Silicon	28-1	16772905	16814822	16716882	16768203	0.29	cps
Silver	109-1	3968252	3950482	3970317	3963017	0.28	cps
Silver	107-1	4101956	4041808	4101665	4081810	0.85	cps
Sodium	23-2	2909596	2922817	2945770	2926061	0.63	cps
Strontium	86-1	1904064	1921887	1912782	1912911	0.47	cps
Strontium	88-1	16554432	16640371	16417039	16537281	0.68	cps
Sulfur	34-1	340239	337772	336632	338215	0.55	cps
Terbium	159-1	9393537	9397466	9397509	9396171	0.02	cps
Terbium	159-2	1366723	1360389	1361364	1362825	0.25	cps
Thallium	203-1	4014647	4052656	4059580	4042294	0.60	cps
Thallium	205-1	9464611	9529102	9544100	9512605	0.44	cps
Tin	118-1	2556903	2576138	2558469	2563837	0.42	cps
Titanium	47-1	1492702	1476496	1486257	1485152	0.55	cps
Uranium	238-1	13574848	13698632	13725236	13666239	0.59	cps
Vanadium	51-2	141075	142280	141358	141571	0.45	cps
Yttrium	89-1	6091018	6104088	6111800	6102302	0.17	cps
Yttrium	89-2	118296	117607	117705	117870	0.32	cps
Zinc	66-2	59276	59069	59109	59151	0.19	cps
Zirconium	90-1	5264273	5331802	5288213	5294763	0.65	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	J1301-04A	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-180123A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:29:31	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1175744	1178155	1167693	1173864	0.47	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P8
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:49:43	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	157913	159258	156050	157740	1.02	cps
Antimony	121-1	4006075	3986560	4008895	4000510	0.30	cps
Arsenic	75-2	29155	29387	29532	29358	0.65	cps
Barium	135-1	4406322	4374803	4444073	4408399	0.79	cps
Barium	137-1	7614586	7566479	7634668	7605245	0.46	cps
Beryllium	9-1	350698	350557	351368	350874	0.12	cps
Bismuth	209-1	6379645	6388556	5881357	6216519	4.67	cps
Bismuth	209-2	1388708	1391044	1379306	1386353	0.45	cps
Boron	10-1	41469	41386	41093	41316	0.48	cps
Boron	11-1	194188	195725	197398	195770	0.82	cps
Cadmium	111-1	810537	806514	813360	810137	0.42	cps
Cadmium	106-1	85688	85454	84799	85314	0.54	cps
Cadmium	108-1	58606	58062	58183	58284	0.49	cps
Calcium	43-1	3521503	3511893	3505920	3513105	0.22	cps
Calcium	44-1	57222049	56947737	57399455	57189747	0.40	cps
Chromium	52-2	233626	234596	237481	235234	0.85	cps
Cobalt	59-2	523792	527614	527841	526416	0.43	cps
Copper	63-2	925891	929045	930588	928508	0.26	cps
Dysprosium	156-1	100	108	117	108	7.69	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	58	58	75	64	15.05	cps
Erbium	164-2	7	20	7	11	69.25	cps
Gadolinium	160-1	92	100	92	94	5.10	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	9797588	9868609	9139458	9601885	4.19	cps
Holmium	165-2	1738544	1758246	1715436	1737409	1.23	cps
Indium	115-1	7084684	7055316	6578948	6906316	4.11	cps
Indium	115-2	228044	228680	228682	228469	0.16	cps
Iron	56-2	38576420	38667570	38736655	38660215	0.21	cps
Iron	57-2	980832	985496	986491	984273	0.31	cps
Lead	206-1	2925433	2915014	2951315	2930587	0.64	cps
Lead	207-1	2655029	2655121	2669284	2659811	0.31	cps
Lead	208-1	11927496	11886286	11997994	11937258	0.47	cps
Lithium	6-1	954268	940582	891010	928620	3.58	cps
Magnesium	24-2	3812992	3808957	3775648	3799199	0.54	cps
Manganese	55-2	128451	128854	128134	128479	0.28	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P8
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:49:43	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6639130	6704036	6677389	6673518	0.49	cps
Molybdenum	95-1	8138696	8205754	8160296	8168249	0.42	cps
Molybdenum	96-1	9036655	8989012	9018459	9014709	0.27	cps
Molybdenum	97-1	5218139	5214058	5256546	5229581	0.45	cps
Molybdenum	98-1	13244151	13241134	13166753	13217346	0.33	cps
Neodymium	150-1	327	260	233	273	17.59	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	155591	157027	156767	156462	0.49	cps
Phosphorus	31-2	1909	1792	1734	1811	4.92	cps
Potassium	39-2	1015747	1014398	1016016	1015387	0.09	cps
Rhodium	103-1	6334063	6344602	5811079	6163248	4.95	cps
Rhodium	103-2	1392702	1395862	1397438	1395334	0.17	cps
Scandium	45-1	3499979	3497715	3207601	3401765	4.94	cps
Scandium	45-2	20058	19787	20251	20032	1.16	cps
Selenium	77-2	253	167	193	204	21.71	cps
Selenium	78-2	652	657	683	664	2.53	cps
Selenium	82-1	47062	46973	47147	47061	0.18	cps
Silicon	28-1	1574296	1566760	1591845	1577634	0.82	cps
Silver	109-1	3847098	3825111	3822472	3831560	0.35	cps
Silver	107-1	3978832	4003185	3993254	3991757	0.31	cps
Sodium	23-2	8845436	8864972	8776198	8828869	0.53	cps
Strontium	86-1	1054315	1054078	1046566	1051653	0.42	cps
Strontium	88-1	9169285	9131278	9193310	9164624	0.34	cps
Sulfur	34-1	456637	455427	450554	454206	0.71	cps
Terbium	159-1	10188711	10189153	9287747	9888537	5.26	cps
Terbium	159-2	1656003	1637564	1655445	1649671	0.64	cps
Thallium	203-1	3539121	3556966	3568242	3554777	0.41	cps
Thallium	205-1	8410419	8379065	8467503	8418995	0.53	cps
Tin	118-1	2825511	2816751	2813820	2818694	0.22	cps
Titanium	47-1	1861315	1844247	1822122	1842561	1.07	cps
Uranium	238-1	12401855	12264602	12431564	12366007	0.72	cps
Vanadium	51-2	175896	176331	174977	175735	0.39	cps
Yttrium	89-1	7292138	7287042	6685131	7088104	4.92	cps
Yttrium	89-2	164537	165265	164973	164925	0.22	cps
Zinc	66-2	76714	77032	76969	76905	0.22	cps
Zirconium	90-1	5638859	5603712	5628046	5623539	0.32	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P8
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:49:43	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1239347	1235219	1248962	1241176	0.57	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P8
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:54:41	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	17	8	100.02	cps
Antimony	121-1	2034	2050	2142	2075	2.81	cps
Arsenic	75-2	0	2	4	2	100.00	cps
Barium	135-1	92	83	50	75	29.40	cps
Barium	137-1	117	142	125	128	9.96	cps
Beryllium	9-1	311	261	294	289	8.81	cps
Bismuth	209-1	6760710	6726831	6297097	6594879	3.92	cps
Bismuth	209-2	1465027	1464377	1448898	1459434	0.63	cps
Boron	10-1	1042	1283	1100	1142	11.05	cps
Boron	11-1	5285	5093	4968	5115	3.12	cps
Cadmium	111-1	858	964	943	922	6.05	cps
Cadmium	106-1	1192	1292	1275	1253	4.28	cps
Cadmium	108-1	25	4	0	10	137.74	cps
Calcium	43-1	500	500	450	483	5.97	cps
Calcium	44-1	11914	11705	10938	11519	4.46	cps
Chromium	52-2	217	230	183	210	11.45	cps
Cobalt	59-2	20	27	23	23	14.29	cps
Copper	63-2	173	153	140	156	10.79	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	50	8	39	68.89	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	25	42	33	33	25.01	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	9763519	9813552	9163436	9580169	3.78	cps
Holmium	165-2	1746079	1746561	1725603	1739414	0.69	cps
Indium	115-1	7335417	7411673	6954585	7233892	3.39	cps
Indium	115-2	238893	238969	237998	238620	0.23	cps
Iron	56-2	1422	1383	1228	1345	7.65	cps
Iron	57-2	50	28	83	54	52.07	cps
Lead	206-1	522	528	467	506	6.68	cps
Lead	207-1	533	472	450	485	8.89	cps
Lead	208-1	2256	2061	2100	2139	4.81	cps
Lithium	6-1	985486	977960	924298	962581	3.47	cps
Magnesium	24-2	83	167	217	156	43.30	cps
Manganese	55-2	23	10	20	18	39.03	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P8
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:54:41	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	342	417	378	9.95	cps
Molybdenum	95-1	217	225	308	250	20.28	cps
Molybdenum	96-1	450	358	433	414	11.80	cps
Molybdenum	97-1	250	158	192	200	23.20	cps
Molybdenum	98-1	492	508	475	492	3.39	cps
Neodymium	150-1	20	0	20	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	223	203	193	207	7.39	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1358	1300	1167	1275	7.71	cps
Rhodium	103-1	6773087	6786255	6213629	6590990	4.96	cps
Rhodium	103-2	1496696	1490528	1481810	1489678	0.50	cps
Scandium	45-1	3487288	3492191	3265811	3415097	3.79	cps
Scandium	45-2	19941	19427	19487	19618	1.43	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	28	34	43	35	22.45	cps
Silicon	28-1	258772	255086	258433	257430	0.79	cps
Silver	109-1	158	217	167	181	17.47	cps
Silver	107-1	225	217	275	239	13.21	cps
Sodium	23-2	4134	4026	4443	4201	5.15	cps
Strontium	86-1	492	367	425	428	14.62	cps
Strontium	88-1	242	225	217	228	5.59	cps
Sulfur	34-1	260178	260499	260617	260431	0.09	cps
Terbium	159-1	10010714	10169485	9522978	9901059	3.40	cps
Terbium	159-2	1656174	1640094	1639275	1645181	0.58	cps
Thallium	203-1	783	800	800	795	1.21	cps
Thallium	205-1	1634	1934	1992	1853	10.38	cps
Tin	118-1	1117	1042	1258	1139	9.66	cps
Titanium	47-1	150	83	83	106	36.46	cps
Uranium	238-1	83	133	150	122	28.39	cps
Vanadium	51-2	3	10	10	8	49.52	cps
Yttrium	89-1	7253201	7271862	6772487	7099183	3.99	cps
Yttrium	89-2	165984	166051	165188	165741	0.29	cps
Zinc	66-2	50	50	53	51	3.76	cps
Zirconium	90-1	583	792	558	644	19.88	cps

LB Number :	LB93100	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P8
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-02-02 16:54:41	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	133	100	131	22.42	cps