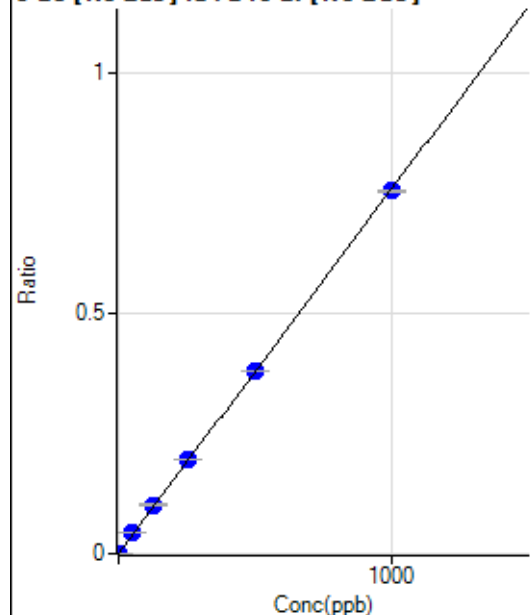


Batch Folder: D:\P8031318-MS.b\
Analysis File: P8031318-MS.batch.bin
DA Date-Time: 2018-03-13 15:09:22
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-03-13 13:58:13
2			
3	005CALS.d	S02	2018-03-13 14:05:43
4	006CALS.d	S03	2018-03-13 14:09:26
5	007CALS.d	S04	2018-03-13 14:13:10
6	008CALS.d	S05	2018-03-13 14:16:52
7	009CALS.d	S06	2018-03-13 14:20:27
8	010CALS.d	S07	2018-03-13 14:23:57
9	011CALS.d	S08	2018-03-13 14:27:26

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.04	0.0001	P	26.2
2	☐	0.100					
3	☐	1.000	1.083	916.72	0.0009	P	21.2
4	☐	50.000	55.952	42855.10	0.0425	P	2.1
5	☐	125.000	133.530	100780.18	0.1012	P	1.6
6	☐	250.000	259.596	189945.22	0.1968	P	0.9
7	☐	500.000	501.649	345996.84	0.3801	P	0.3
8	☐	1000.000	995.412	659654.67	0.7542	P	0.5
9	☐			503.72	0.0005	P	4.7

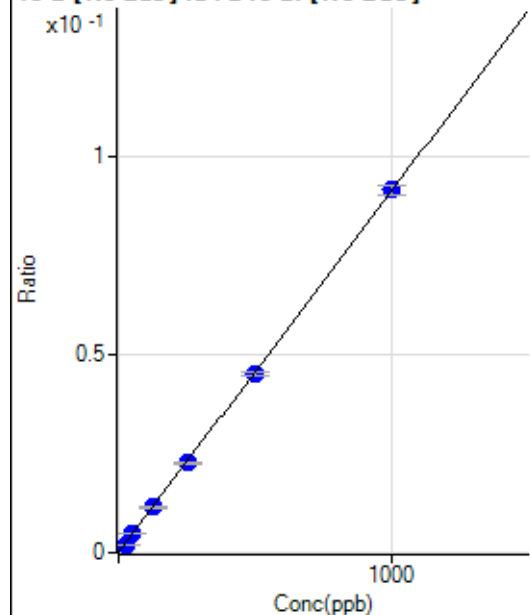
$$y = 7.5761\text{E-}004 * x + 8.3282\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.08654$$

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	102.78	0.0001	P	28.4
2	☐	2.500					
3	☐	25.000	21.511	2086.35	0.0021	P	9.6
4	☐	50.000	51.716	4853.80	0.0048	P	1.0
5	☐	125.000	125.050	11438.27	0.0115	P	1.8
6	☐	250.000	248.160	21920.21	0.0227	P	1.4
7	☐	500.000	494.214	41070.76	0.0451	P	2.0
8	☐	1000.000	1003.348	80037.41	0.0915	P	2.6
9	☐			3528.37	0.0038	P	9.6

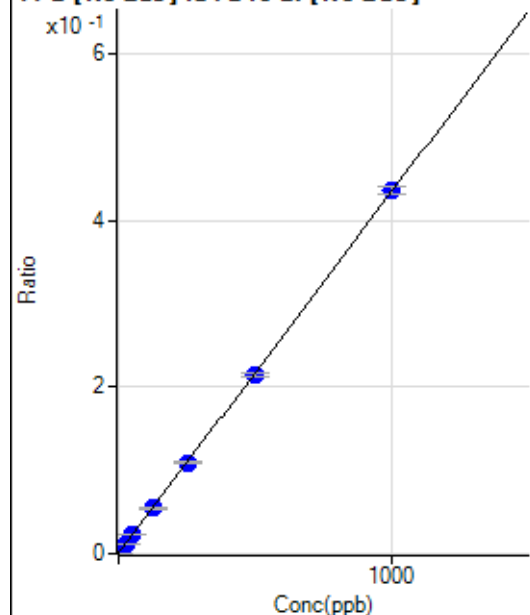
$$y = 9.1106\text{E-}005 * x + 9.8284\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.9205$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	425.03	0.0004	P	5.4
2	☐	2.500					
3	☐	25.000	23.093	10570.94	0.0104	P	0.5
4	☐	50.000	51.476	22955.31	0.0227	P	2.2
5	☐	125.000	124.365	54133.99	0.0544	P	1.9
6	☐	250.000	250.615	105402.17	0.1092	P	2.2
7	☐	500.000	493.747	195415.41	0.2147	P	1.5
8	☐	1000.000	1003.026	381134.49	0.4358	P	2.1
9	☐			17480.71	0.0191	P	8.2

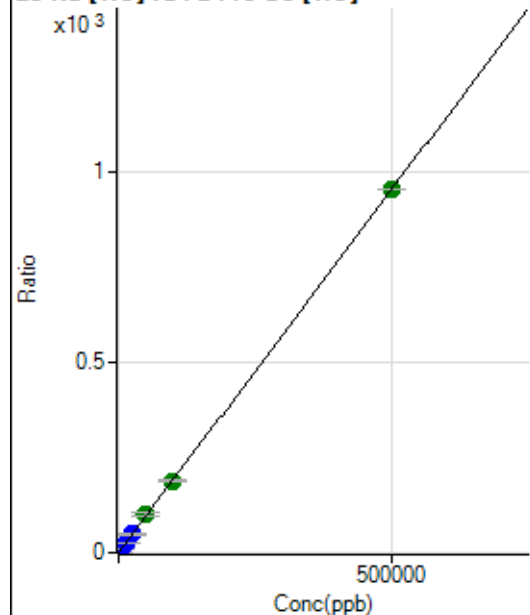
$$y = 4.3404\text{E-}004 * x + 4.0632\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.153$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3044.90	0.1221	P	3.3
2	☐	50.000					
3	☐	500.000	467.807	24555.34	1.0124	P	2.0
4	☐	5000.000	5019.051	227756.70	9.6742	P	3.0
5	☐	12500.000	12705.536	527119.81	24.3030	P	1.1
6	☐	25000.000	25156.185	969320.11	47.9988	P	1.5
7	☐	50000.000	53940.425	1767651.54	102.7804	A	9.0
8	☐	100000.00	99004.311	3495765.44	188.5451	A	1.7
9	☐	500000.00	499791.98	19093960.84	951.3159	A	0.1

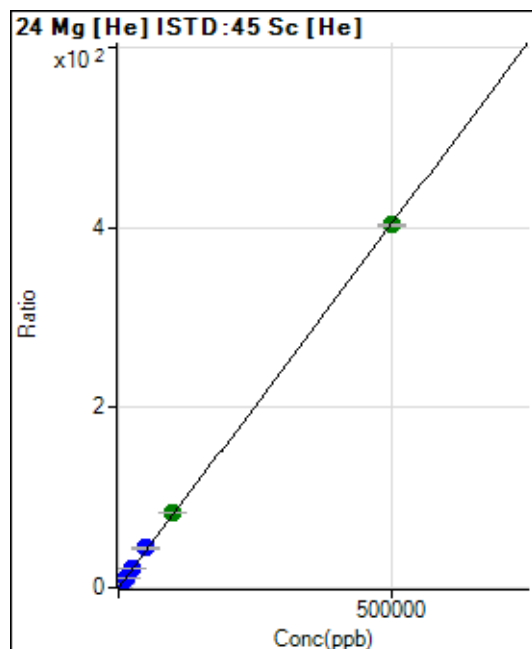
$$y = 0.0019 * x + 0.1221$$

$$R = 1.0000$$

$$DL = 6.354$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.79	0.0071	P	11.6
2	☐	50.000					
3	☐	500.000	463.452	9250.67	0.3812	P	1.5
4	☐	5000.000	5133.585	97690.21	4.1508	P	4.4
5	☐	12500.000	13053.892	228696.86	10.5438	P	0.3
6	☐	25000.000	25818.480	420999.42	20.8470	P	1.3
7	☐	50000.000	54335.295	754484.64	43.8649	P	8.9
8	☐	100000.00	103425.24	1548088.39	83.4889	A	1.3
9	☐	500000.00	498825.35	8081471.53	402.6440	A	0.2

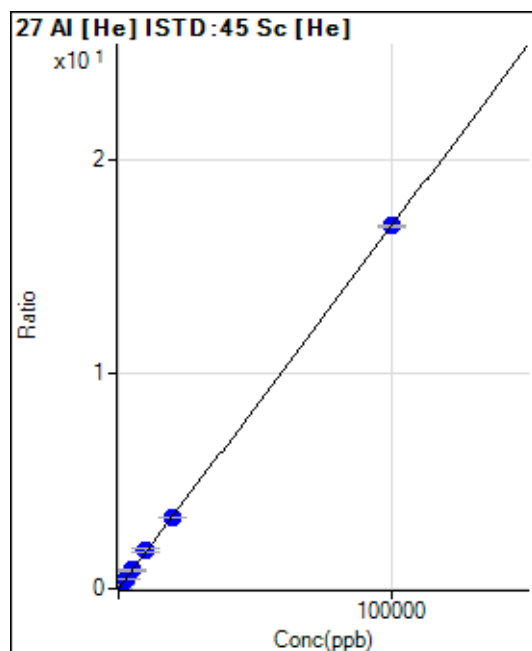
$$y = 8.0717\text{E-}004 * x + 0.0071$$

$$R = 0.9999$$

$$DL = 3.077$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0002	P	86.6
2	☐	2.000					
3	☐	20.000	25.797	111.11	0.0046	P	10.1
4	☐	1000.000	987.860	3939.60	0.1673	P	0.9
5	☐	2500.000	2562.492	9403.57	0.4335	P	5.2
6	☐	5000.000	5051.894	17255.62	0.8545	P	2.5
7	☐	10000.000	10650.160	30987.57	1.8011	P	8.4
8	☐	20000.000	19614.085	61503.59	3.3169	P	1.1
9	☐	100000.00	100008.13	339422.69	16.9112	P	0.7

$$y = 1.6910\text{E-}004 * x + 2.2260\text{E-}004$$

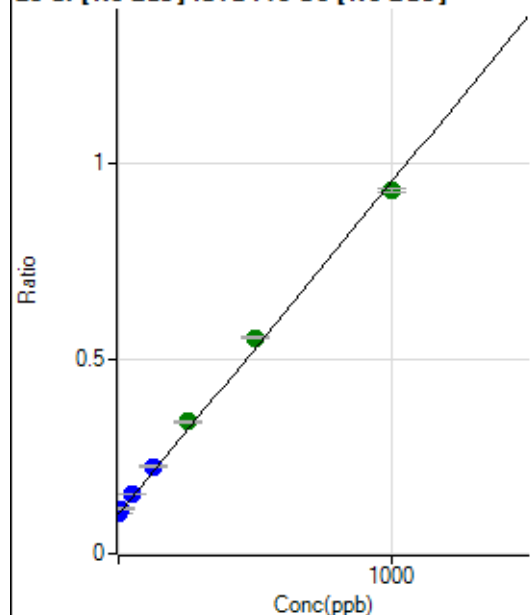
$$R = 1.0000$$

$$DL = 3.42$$

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	363836.26	0.1013	P	0.1
2	☐	1.000					
3	☐	10.000	17.082	407389.70	0.1159	P	1.0
4	☐	50.000	59.959	531336.61	0.1524	P	1.1
5	☐	125.000	144.358	758705.97	0.2243	P	0.4
6	☐	250.000	278.315	1089663.75	0.3385	A	0.5
7	☐	500.000	532.569	1660370.47	0.5551	A	0.2
8	☐	1000.000	973.648	2711794.53	0.9310	A	1.0
9	☐			370443.71	0.1175	P	0.5

$$y = 8.5210\text{E-}004 * x + 0.1013$$

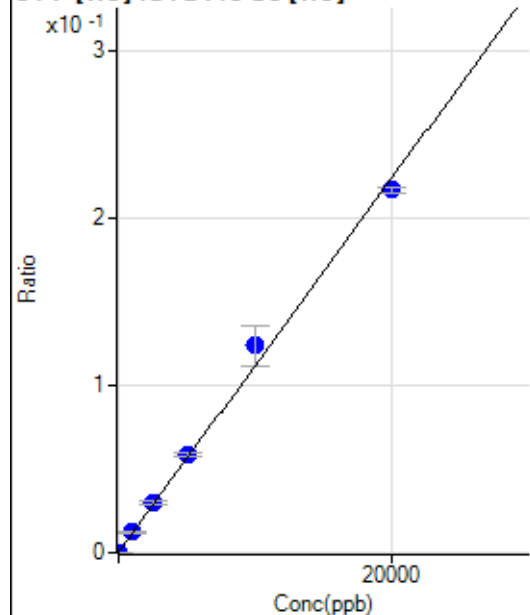
$$R = 0.9988$$

$$DL = 0.4961$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-20.387	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	20.387	11.11	0.0005	P	41.9
4	☐	1000.000	1067.036	286.13	0.0122	P	10.3
5	☐	2500.000	2656.949	650.05	0.0300	P	8.2
6	☐	5000.000	5226.508	1186.22	0.0587	P	4.0
7	☐	10000.000	11056.406	2119.71	0.1240	P	19.6
8	☐	20000.000	19392.200	4028.53	0.2173	P	1.8
9	☐			11.11	0.0006	P	114.

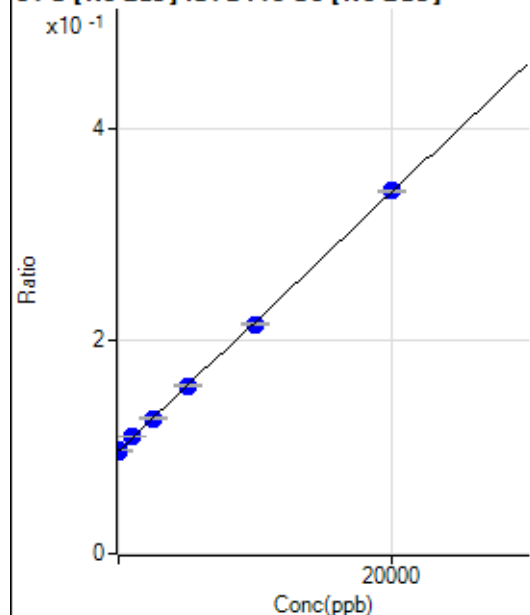
$$y = 1.1192\text{E-}005 * x + 2.2817\text{E-}004$$

$$R = 0.9978$$

$$DL = 25.62$$

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	-110.260	342782.21	0.0954	P	0.4
2	☐	0.000					
3	☐	0.000	110.260	345037.54	0.0981	P	0.6
4	☐	1000.000	1130.044	385392.64	0.1105	P	0.9
5	☐	2500.000	2524.320	431252.22	0.1275	P	0.5
6	☐	5000.000	5048.942	509407.22	0.1582	P	1.0
7	☐	10000.000	9767.707	644986.39	0.2156	P	0.9
8	☐	20000.000	20094.369	994174.87	0.3413	P	0.8
9	☐			286343.25	0.0908	P	0.9

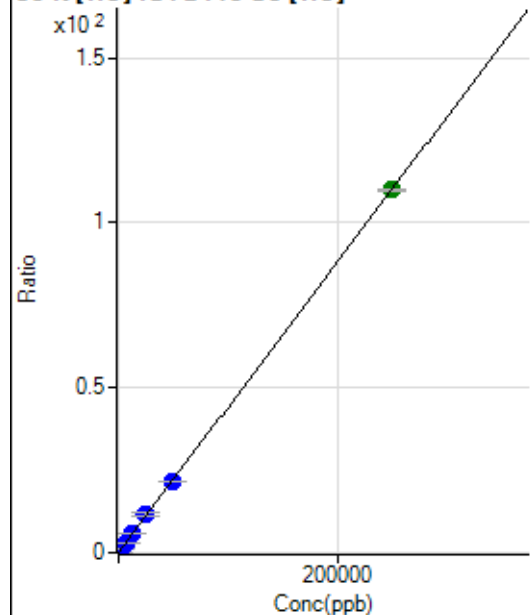
$$y = 1.2168\text{E-}005 * x + 0.0968$$

$$R = 0.9998$$

$$DL = 121.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1922.43	0.0771	P	2.3
2	☐	50.000					
3	☐	500.000	476.636	6949.24	0.2865	P	2.7
4	☐	2500.000	2608.223	28791.41	1.2233	P	4.2
5	☐	6250.000	6432.606	62989.08	2.9039	P	2.1
6	☐	12500.000	12698.755	114255.27	5.6575	P	1.5
7	☐	25000.000	26218.498	199406.49	11.5987	P	9.7
8	☐	50000.000	48809.570	399145.84	21.5263	P	1.2
9	☐	250000.00	250100.69	2207430.54	109.9832	A	0.8

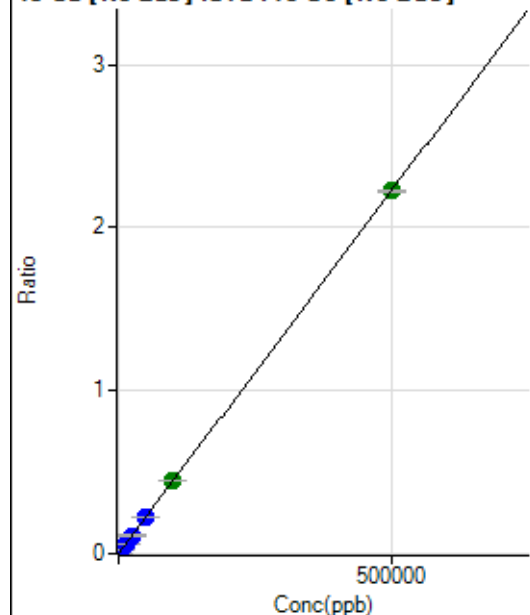
$$y = 4.3945\text{E-}004 * x + 0.0771$$

$$R = 1.0000$$

$$DL = 11.87$$

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	1025.08	0.0003	P	8.7
2	☐	50.000					
3	☐	500.000	433.041	7783.04	0.0022	P	1.5
4	☐	5000.000	5037.852	79198.58	0.0227	P	1.8
5	☐	12500.000	12400.020	187708.04	0.0555	P	0.3
6	☐	25000.000	25040.503	359877.71	0.1118	P	0.8
7	☐	50000.000	49949.586	666066.83	0.2227	P	0.7
8	☐	100000.00	100700.48	1306973.33	0.4487	A	0.5
9	☐	500000.00	499865.10	7018978.37	2.2259	A	0.3

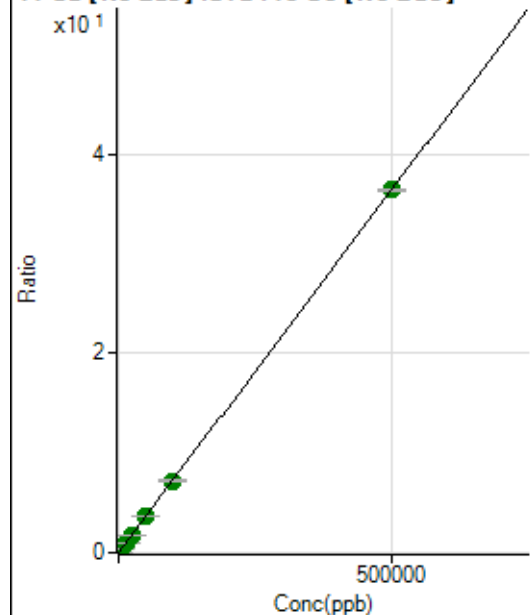
$$y = 4.4525\text{E-}006 * x + 2.8541\text{E-}004$$

$$R = 1.0000$$

$$DL = 16.77$$

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	14024.29	0.0039	P	2.8
2	☐	50.000					
3	☐	500.000	453.465	129759.22	0.0369	P	1.7
4	☐	5000.000	5047.716	1294336.23	0.3712	A	1.4
5	☐	12500.000	12604.993	3115772.27	0.9212	A	0.8
6	☐	25000.000	24972.335	5863386.63	1.8212	A	1.1
7	☐	50000.000	49770.882	10844961.61	3.6258	A	1.2
8	☐	100000.00	99075.732	21013354.98	7.2138	A	1.0
9	☐	500000.00	500206.09	114793491.4	36.4046	A	0.4

$$y = 7.2771\text{E-}005 * x + 0.0039$$

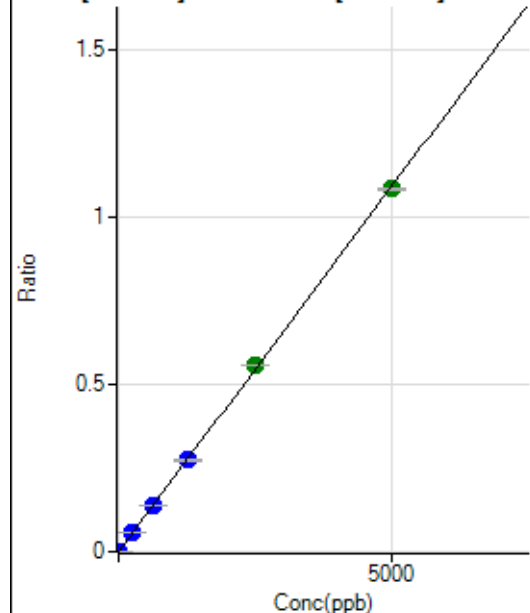
$$R = 1.0000$$

$$DL = 4.534$$

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	116.67	0.0000	P	21.3
2	☐	0.500					
3	☐	5.000	4.748	3753.45	0.0011	P	3.3
4	☐	250.000	258.503	196566.24	0.0564	P	1.0
5	☐	625.000	628.157	463225.78	0.1370	P	0.1
6	☐	1250.000	1253.323	879660.56	0.2732	P	0.9
7	☐	2500.000	2558.526	1668168.38	0.5577	A	0.6
8	☐	5000.000	4969.087	3155271.47	1.0831	A	0.4
9	☐			1105.65	0.0004	P	11.7

$$y = 2.1797\text{E-}004 * x + 3.2480\text{E-}005$$

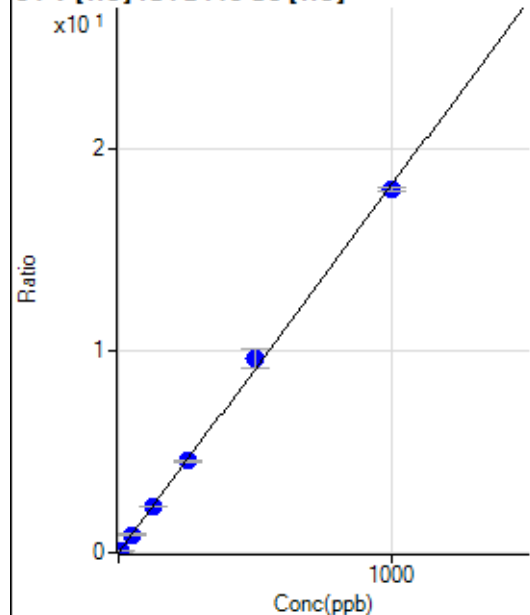
$$R = 0.9999$$

$$DL = 0.09509$$

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	3.33	0.0001	P	173.
2	☐	0.500					
3	☐	5.000	4.577	2026.85	0.0835	P	3.2
4	☐	50.000	49.225	21126.12	0.8973	P	2.8
5	☐	125.000	125.234	49508.57	2.2827	P	2.0
6	☐	250.000	248.627	91518.70	4.5317	P	1.2
7	☐	500.000	526.817	165092.87	9.6020	P	9.6
8	☐	1000.000	986.947	333558.38	17.9885	P	1.0
9	☐			137.78	0.0069	P	3.4

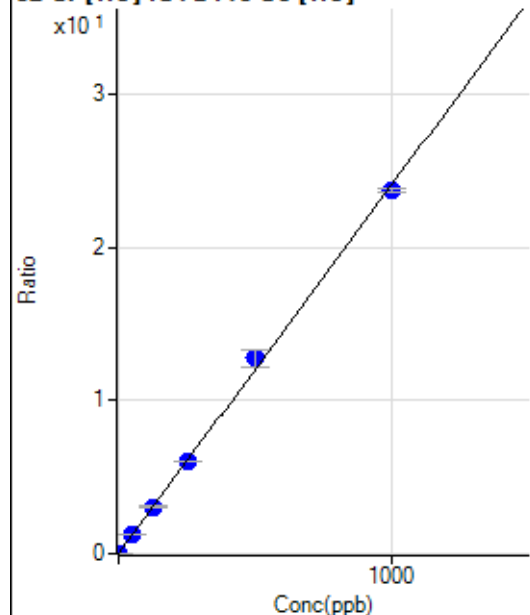
$$y = 0.0182 * x + 1.3391\text{E-}004$$

$$R = 0.9995$$

$$DL = 0.03818$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	215.56	0.0086	P	3.9
2	☐	0.200					
3	☐	2.000	1.954	1347.87	0.0556	P	6.3
4	☐	50.000	50.319	28671.73	1.2177	P	2.4
5	☐	125.000	127.237	66499.37	3.0659	P	1.4
6	☐	250.000	250.708	121829.44	6.0327	P	1.3
7	☐	500.000	530.008	219152.85	12.7438	P	9.3
8	☐	1000.000	984.524	438837.64	23.6651	P	1.0
9	☐			21473.33	1.0699	P	1.5

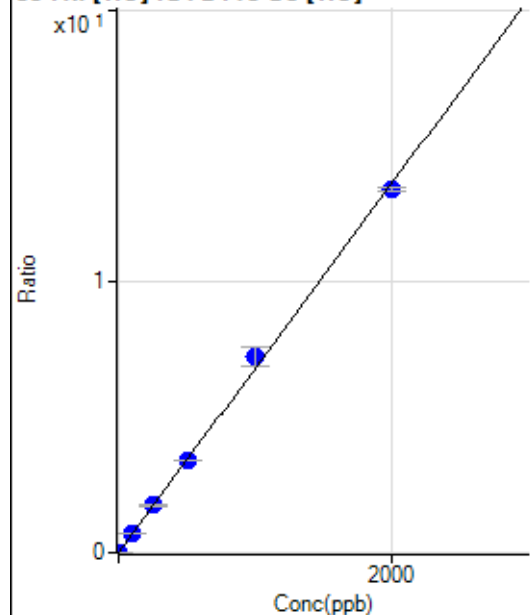
$$y = 0.0240 * x + 0.0086$$

$$R = 0.9993$$

$$DL = 0.04257$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0009	P	28.7
2	☐	0.100					
3	☐	1.000	0.847	162.22	0.0067	P	4.6
4	☐	100.000	100.830	16149.55	0.6860	P	3.3
5	☐	250.000	257.021	37898.14	1.7473	P	1.5
6	☐	500.000	501.074	68773.60	3.4055	P	1.4
7	☐	1000.000	1063.035	124170.99	7.2237	P	10.0
8	☐	2000.000	1967.295	247871.57	13.3678	P	1.2
9	☐			1298.97	0.0647	P	2.5

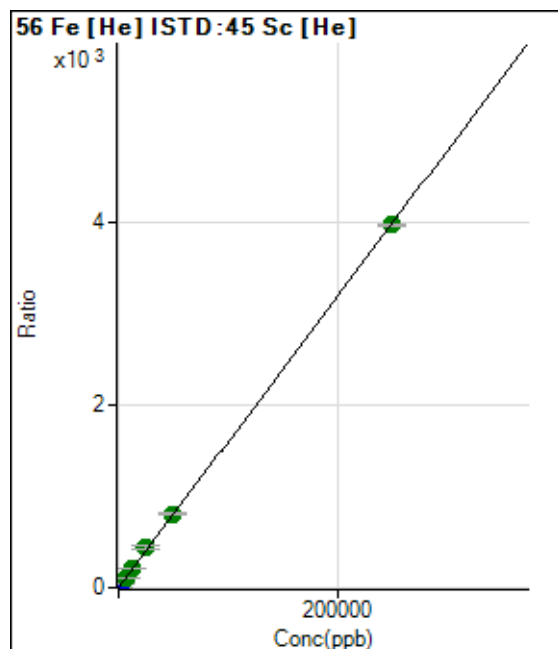
$$y = 0.0068 * x + 9.3585E-004$$

$$R = 0.9993$$

$$DL = 0.1185$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	977.84	0.0392	P	10.7
2	☐	5.000					
3	☐	50.000	48.021	19469.63	0.8028	P	2.2
4	☐	2500.000	2564.221	960708.63	40.8105	P	3.3
5	☐	6250.000	6594.526	2275162.52	104.8927	A	0.4
6	☐	12500.000	12993.568	4172931.29	206.6380	A	1.3
7	☐	25000.000	27240.836	7447352.60	433.1708	A	9.6
8	☐	50000.000	50839.106	14988968.62	808.3853	A	1.2
9	☐	250000.00	249574.16	79646443.45	3,968.289	A	0.7

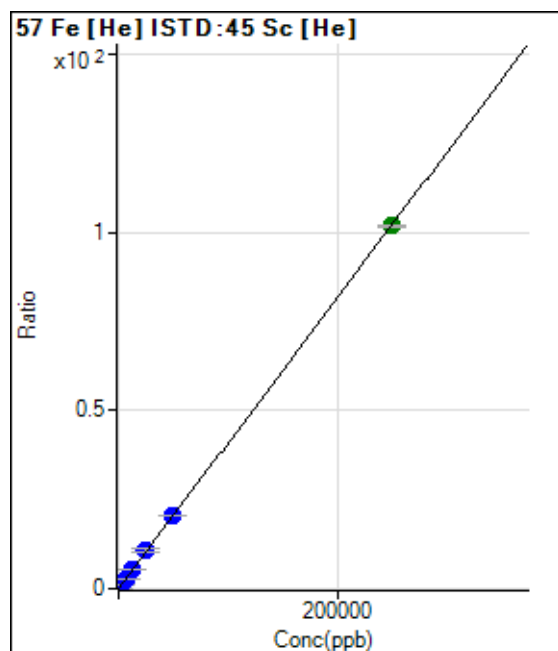
$$y = 0.0159 * x + 0.0392$$

$$R = 1.0000$$

$$DL = 0.7932$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.48	0.0013	P	27.1
2	☐	5.000					
3	☐	50.000	47.340	498.17	0.0206	P	10.5
4	☐	2500.000	2541.486	24425.69	1.0375	P	3.0
5	☐	6250.000	6455.472	57115.56	2.6334	P	2.0
6	☐	12500.000	12745.542	104977.78	5.1981	P	1.2
7	☐	25000.000	26956.297	189088.00	10.9923	P	8.7
8	☐	50000.000	50162.085	379270.54	20.4542	P	1.1
9	☐	250000.00	249754.12	2043962.57	101.8352	A	0.4

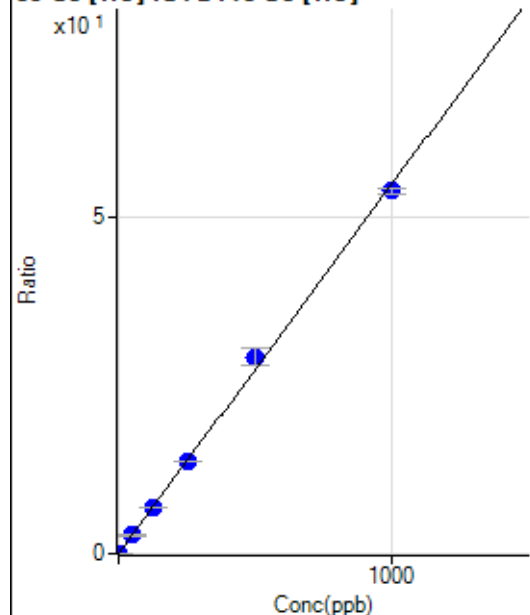
$$y = 4.0774E-004 * x + 0.0013$$

$$R = 1.0000$$

$$DL = 2.518$$

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	47.78	0.0019	P	31.4
2	☐	0.100					
3	☐	1.000	0.886	1226.74	0.0506	P	3.4
4	☐	50.000	49.485	64034.10	2.7201	P	3.4
5	☐	125.000	126.240	150448.20	6.9364	P	0.7
6	☐	250.000	251.255	278761.72	13.8035	P	1.1
7	☐	500.000	532.646	503201.81	29.2605	P	9.2
8	☐	1000.000	983.234	1001467.80	54.0116	P	1.3
9	☐			13716.93	0.6834	P	1.6

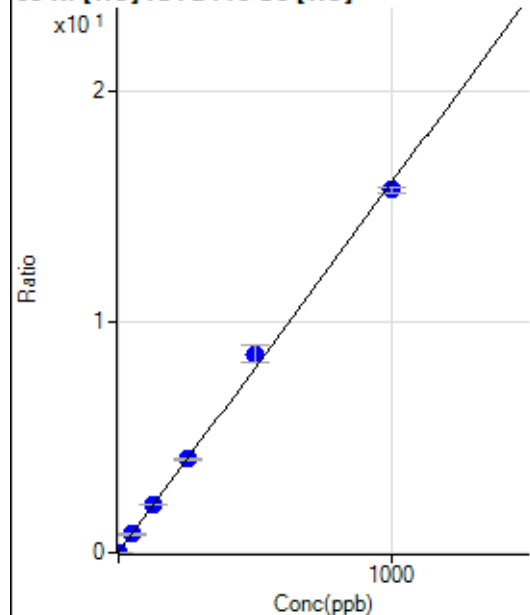
$$y = 0.0549 * x + 0.0019$$

$$R = 0.9992$$

$$DL = 0.0329$$

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	280.01	0.0112	P	6.1
2	☐	0.100					
3	☐	1.000	0.883	614.47	0.0254	P	10.2
4	☐	50.000	49.328	18845.16	0.8005	P	3.4
5	☐	125.000	127.656	44547.82	2.0539	P	0.6
6	☐	250.000	251.977	81649.70	4.0431	P	1.3
7	☐	500.000	536.877	147991.79	8.6019	P	8.4
8	☐	1000.000	980.769	291193.43	15.7046	P	1.4
9	☐			11520.51	0.5741	P	5.3

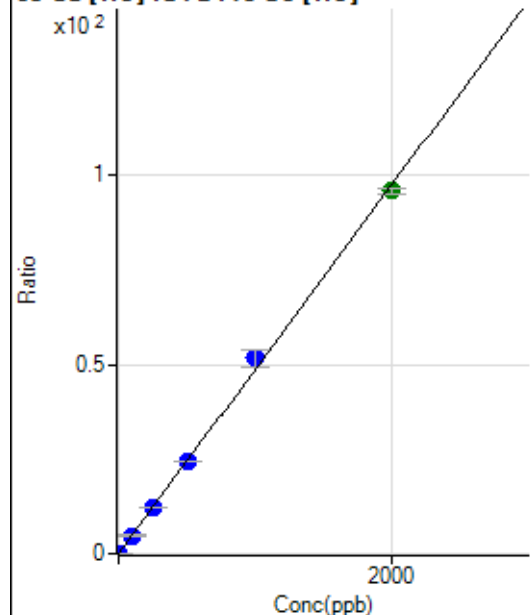
$$y = 0.0160 * x + 0.0112$$

$$R = 0.9990$$

$$DL = 0.1286$$

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	122.23	0.0049	P	13.4
2	☐	0.200					
3	☐	2.000	1.857	2311.34	0.0953	P	1.5
4	☐	100.000	98.687	113188.05	4.8082	P	3.4
5	☐	250.000	251.844	265979.88	12.2627	P	0.1
6	☐	500.000	499.522	491105.71	24.3177	P	0.8
7	☐	1000.000	1061.690	888787.43	51.6796	P	9.1
8	☐	2000.000	1969.110	1777157.34	95.8458	A	1.7
9	☐			3958.42	0.1972	P	2.0

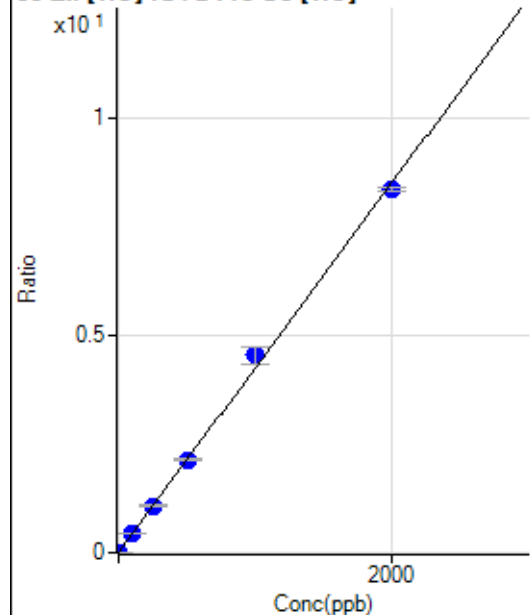
$$y = 0.0487 * x + 0.0049$$

$$R = 0.9993$$

$$DL = 0.04058$$

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	56.67	0.0023	P	35.8
2	☐	0.200					
3	☐	2.000	2.297	292.23	0.0120	P	8.9
4	☐	100.000	102.351	10296.18	0.4374	P	4.7
5	☐	250.000	253.377	23413.29	1.0794	P	1.3
6	☐	500.000	503.153	43242.92	2.1413	P	1.0
7	☐	1000.000	1068.882	78198.78	4.5464	P	8.8
8	☐	2000.000	1964.231	154878.47	8.3527	P	1.1
9	☐			1041.17	0.0519	P	1.3

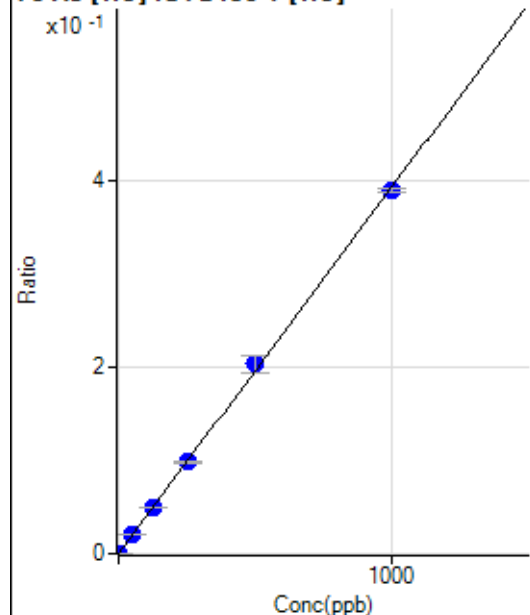
$$y = 0.0043 * x + 0.0023$$

$$R = 0.9991$$

$$DL = 0.5736$$

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	3.09	0.0000	P	69.1
2	☐	0.100					
3	☐	1.000	1.024	77.78	0.0004	P	10.4
4	☐	50.000	51.662	3699.30	0.0203	P	3.2
5	☐	125.000	127.341	8818.32	0.0501	P	1.4
6	☐	250.000	249.522	16084.76	0.0981	P	0.6
7	☐	500.000	518.001	29244.51	0.2036	P	9.3
8	☐	1000.000	990.743	59371.82	0.3895	P	1.0
9	☐			106.18	0.0007	P	8.0

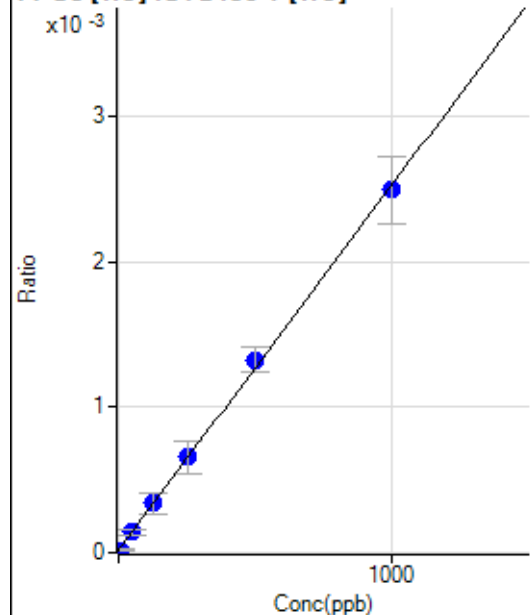
$$y = 3.9309\text{E-}004 * x + 1.6215\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.08552$$

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	3.33	0.0000	P	100.
2	☐	0.500					
3	☐	5.000	0.006	3.33	0.0000	P	99.8
4	☐	50.000	49.140	25.56	0.0001	P	34.3
5	☐	125.000	128.644	60.00	0.0003	P	43.9
6	☐	250.000	254.820	107.78	0.0007	P	32.9
7	☐	500.000	520.856	190.00	0.0013	P	13.0
8	☐	1000.000	987.980	380.01	0.0025	P	18.6
9	☐			0.00	0.0000	P	

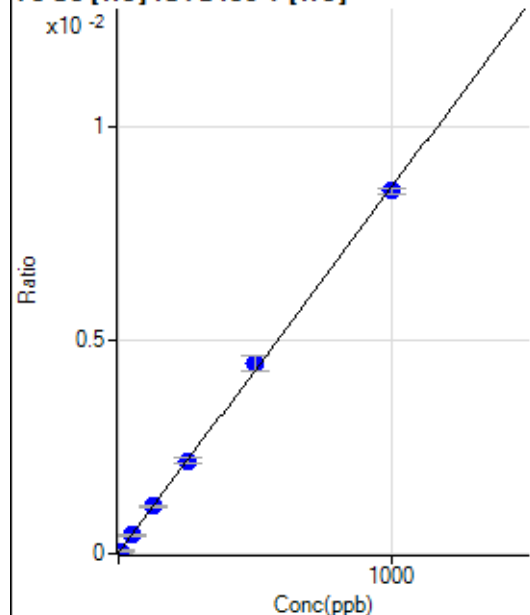
$$y = 2.5103\text{E-}006 * x + 1.7566\text{E-}005$$

$$R = 0.9996$$

$$DL = 21.02$$

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	3.70	0.0000	P	50.1
2	☐	0.500					
3	☐	5.000	4.419	10.49	0.0001	P	64.7
4	☐	50.000	48.773	79.63	0.0004	P	6.4
5	☐	125.000	127.827	196.30	0.0011	P	4.7
6	☐	250.000	251.258	356.18	0.0022	P	6.6
7	☐	500.000	518.359	641.38	0.0045	P	7.6
8	☐	1000.000	990.217	1296.37	0.0085	P	1.6
9	☐			1.23	0.0000	P	86.6

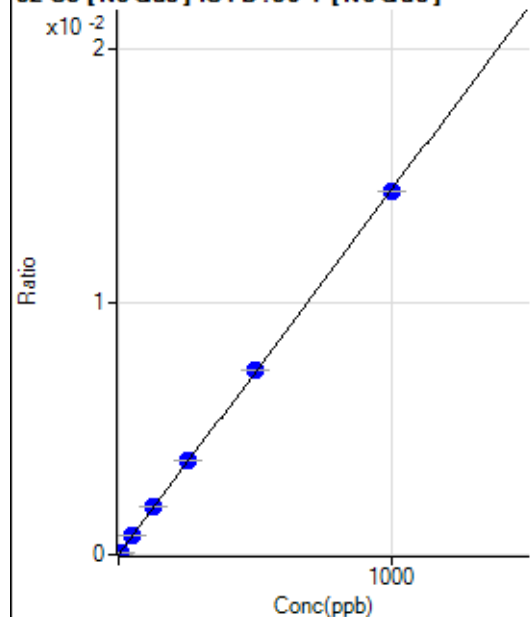
$$y = 8.5675\text{E-}006 * x + 1.9471\text{E-}005$$

$$R = 0.9997$$

$$DL = 3.414$$

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	25.05	0.0000	P	29.3
2	☐	0.500					
3	☐	5.000	4.053	417.75	0.0001	P	16.9
4	☐	50.000	51.826	5052.14	0.0008	P	1.5
5	☐	125.000	130.044	12425.30	0.0019	P	0.7
6	☐	250.000	257.224	23797.41	0.0037	P	0.6
7	☐	500.000	505.684	44693.25	0.0073	P	0.9
8	☐	1000.000	994.635	86180.74	0.0144	P	0.1
9	☐			111.44	0.0000	P	19.4

$$y = 1.4433\text{E-}005 * x + 3.6673\text{E-}006$$

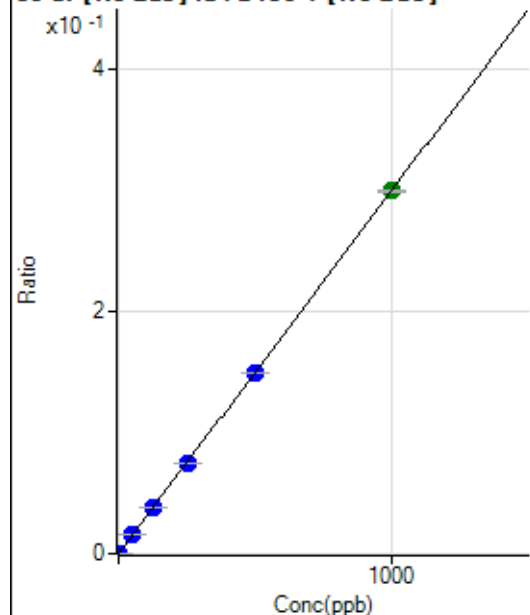
$$R = 0.9999$$

$$DL = 0.2236$$

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	555.60	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	0.925	2411.43	0.0004	P	4.5
4	☐	50.000	51.264	103901.75	0.0155	P	1.5
5	☐	125.000	125.433	249131.88	0.0377	P	0.5
6	☐	250.000	250.925	482546.23	0.0754	P	0.5
7	☐	500.000	499.473	917526.66	0.1499	P	0.3
8	☐	1000.000	999.915	1800674.11	0.3000	A	0.2
9	☐			65125.34	0.0104	P	0.8

$$y = 2.9998\text{E-}004 * x + 8.1126\text{E-}005$$

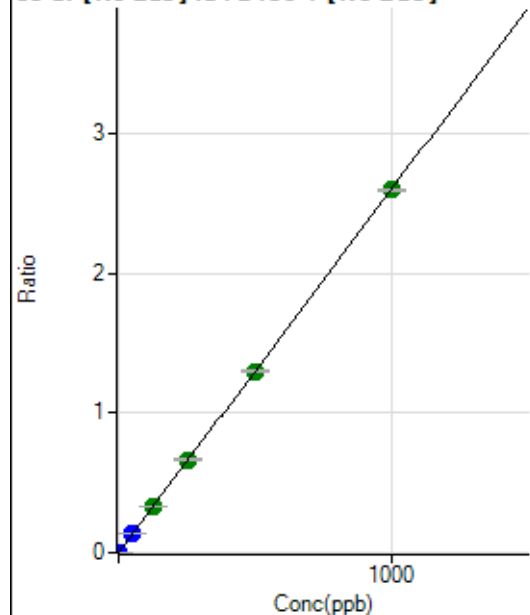
$$R = 1.0000$$

$$DL = 0.07991$$

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	130.56	0.0000	P	35.7
2	☐	0.100					
3	☐	1.000	0.945	16674.80	0.0025	P	2.0
4	☐	50.000	51.042	893645.46	0.1330	P	0.6
5	☐	125.000	128.219	2206432.51	0.3340	A	0.3
6	☐	250.000	256.325	4275301.53	0.6676	A	0.5
7	☐	500.000	499.374	7960387.24	1.3006	A	0.3
8	☐	1000.000	998.278	15604134.38	2.6000	A	0.2
9	☐			559333.21	0.0891	P	0.6

$$y = 0.0026 * x + 1.9096\text{E-}005$$

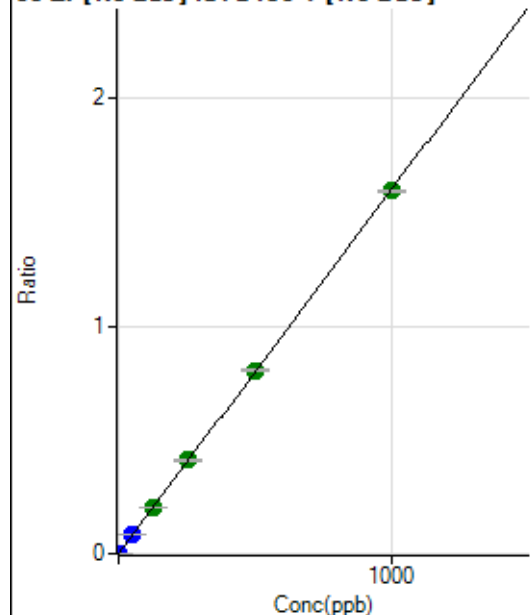
$$R = 1.0000$$

$$DL = 0.007859$$

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	452.81	0.0001	P	16.8
2	☐	0.100					
3	☐	1.000	0.858	9670.53	0.0014	P	4.5
4	☐	50.000	50.515	543544.10	0.0809	P	0.3
5	☐	125.000	126.129	1333354.53	0.2018	A	0.4
6	☐	250.000	256.396	2626830.66	0.4102	A	0.9
7	☐	500.000	503.600	4930639.87	0.8056	A	0.4
8	☐	1000.000	996.434	9565941.88	1.5939	A	0.4
9	☐			2747.66	0.0004	P	14.3

$$y = 0.0016 * x + 6.6137E-005$$

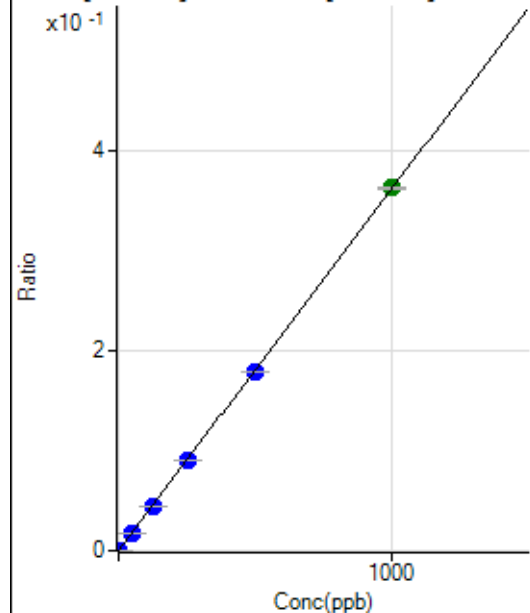
$$R = 1.0000$$

$$DL = 0.02078$$

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	108.34	0.0000	P	20.6
2	☐	0.100					
3	☐	1.000	0.908	2308.63	0.0003	P	5.0
4	☐	50.000	49.268	119619.31	0.0178	P	0.4
5	☐	125.000	122.813	292933.98	0.0443	P	0.7
6	☐	250.000	248.012	573260.87	0.0895	P	0.6
7	☐	500.000	494.594	1092572.27	0.1785	P	0.5
8	☐	1000.000	1003.510	2173666.11	0.3622	A	0.5
9	☐			644.50	0.0001	P	13.2

$$y = 3.6090E-004 * x + 1.5833E-005$$

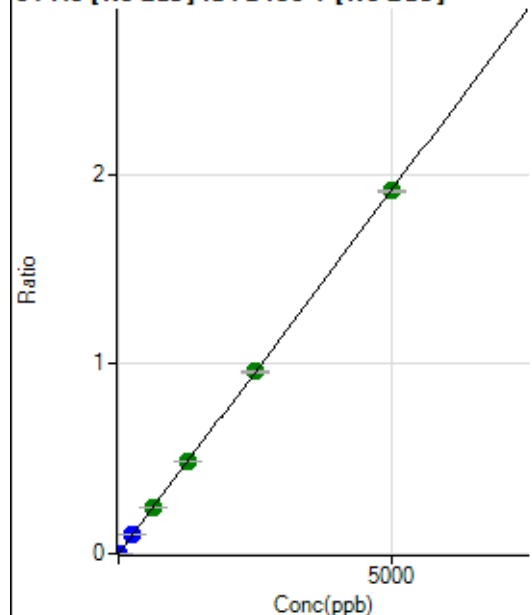
$$R = 1.0000$$

$$DL = 0.02707$$

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	288.91	0.0000	P	16.8
2	☐	0.500					
3	☐	5.000	4.327	11444.21	0.0017	P	2.8
4	☐	250.000	252.169	650533.88	0.0968	P	0.7
5	☐	625.000	635.139	1610128.61	0.2437	A	1.0
6	☐	1250.000	1275.453	3133768.24	0.4894	A	0.6
7	☐	2500.000	2502.556	5876514.80	0.9601	A	0.4
8	☐	5000.000	4990.984	11491980.90	1.9148	A	0.4
9	☐			16669.21	0.0027	P	1.2

$$y = 3.8365E-004 * x + 4.2251E-005$$

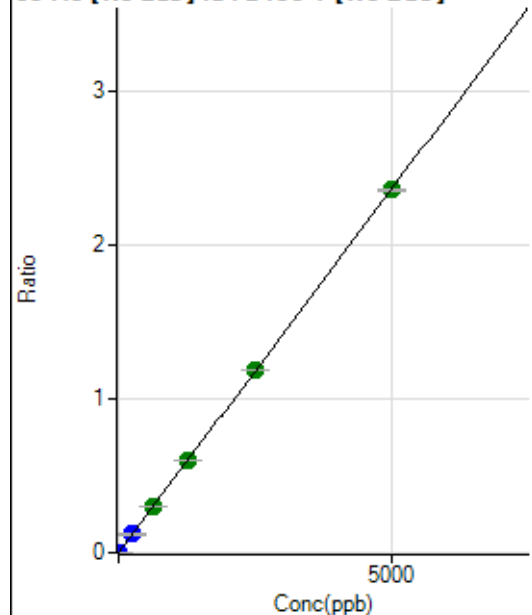
$$R = 1.0000$$

$$DL = 0.05546$$

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	150.01	0.0000	P	43.3
2	☐	0.500					
3	☐	5.000	4.433	14208.00	0.0021	P	2.3
4	☐	250.000	251.651	798212.55	0.1188	P	1.2
5	☐	625.000	634.437	1977856.38	0.2994	A	1.1
6	☐	1250.000	1269.707	3836539.32	0.5991	A	0.9
7	☐	2500.000	2506.030	7237488.09	1.1825	A	0.3
8	☐	5000.000	4990.797	14133012.82	2.3549	A	0.6
9	☐			27528.81	0.0044	P	3.2

$$y = 4.7184E-004 * x + 2.1910E-005$$

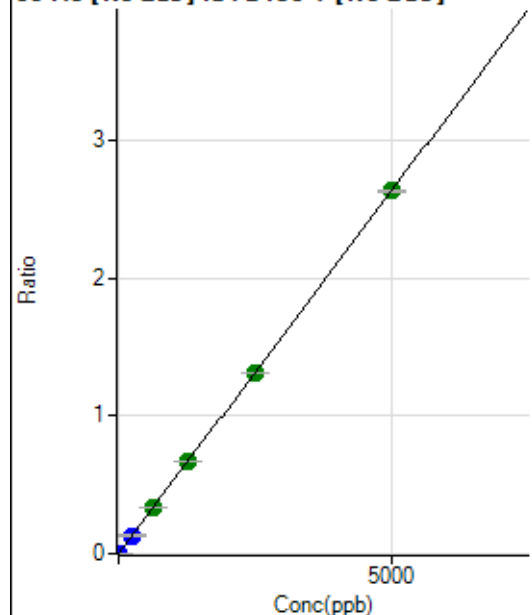
$$R = 1.0000$$

$$DL = 0.06029$$

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	180.57	0.0000	P	40.9
2	☐	0.500					
3	☐	5.000	4.398	15759.82	0.0023	P	0.4
4	☐	250.000	250.678	888156.76	0.1321	P	0.9
5	☐	625.000	633.376	2205508.60	0.3338	A	1.5
6	☐	1250.000	1267.666	4278268.72	0.6681	A	1.3
7	☐	2500.000	2489.522	8030467.63	1.3121	A	0.6
8	☐	5000.000	4999.742	15814503.48	2.6350	A	0.3
9	☐			31713.35	0.0051	P	3.2

$$y = 5.2703\text{E-}004 * x + 2.6338\text{E-}005$$

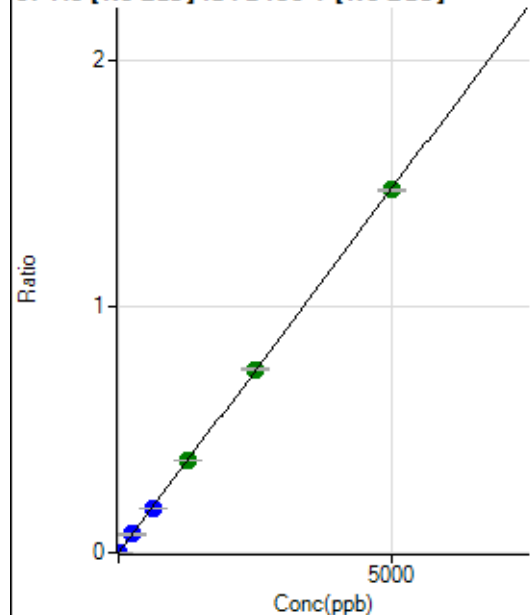
$$R = 1.0000$$

$$DL = 0.06125$$

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	102.78	0.0000	P	30.5
2	☐	0.500					
3	☐	5.000	4.414	8892.19	0.0013	P	1.4
4	☐	250.000	251.430	500708.41	0.0745	P	1.0
5	☐	625.000	618.285	1210188.45	0.1832	P	0.5
6	☐	1250.000	1278.393	2425170.00	0.3787	A	0.3
7	☐	2500.000	2519.098	4567260.48	0.7462	A	0.9
8	☐	5000.000	4984.121	8861083.36	1.4765	A	0.6
9	☐			16969.66	0.0027	P	4.8

$$y = 2.9623\text{E-}004 * x + 1.5012\text{E-}005$$

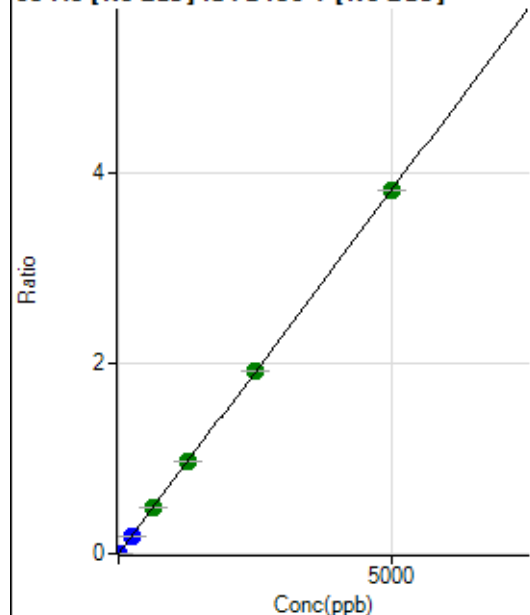
$$R = 1.0000$$

$$DL = 0.04636$$

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	244.46	0.0000	P	21.7
2	☐	0.500					
3	☐	5.000	4.353	22600.23	0.0034	P	3.5
4	☐	250.000	248.119	1274669.11	0.1896	P	1.2
5	☐	625.000	628.584	3173908.82	0.4804	A	0.7
6	☐	1250.000	1263.759	6184810.08	0.9658	A	0.1
7	☐	2500.000	2511.133	11745298.61	1.9191	A	0.7
8	☐	5000.000	4990.640	22889602.94	3.8139	A	0.1
9	☐			44053.16	0.0070	P	3.4

$$y = 7.6421\text{E-}004 * x + 3.5708\text{E-}005$$

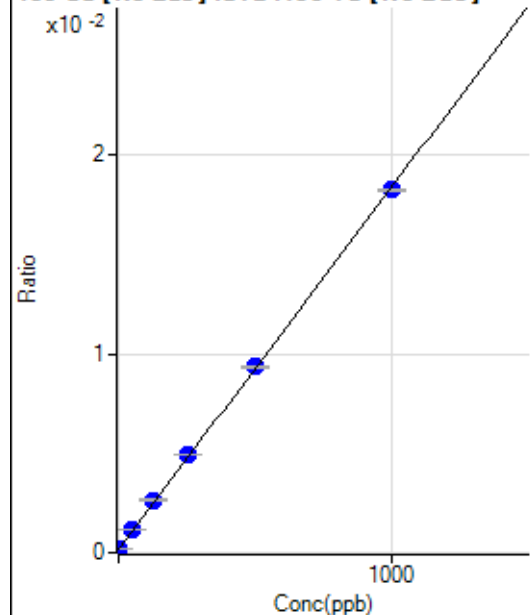
$$R = 1.0000$$

$$DL = 0.03042$$

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	1305.68	0.0002	P	3.5
2	☐	0.100					
3	☐	1.000	0.516	1361.25	0.0002	P	11.0
4	☐	50.000	56.435	9981.85	0.0012	P	1.6
5	☐	125.000	136.514	22578.10	0.0026	P	2.3
6	☐	250.000	262.494	42125.43	0.0049	P	1.4
7	☐	500.000	504.505	78995.48	0.0094	P	1.1
8	☐	1000.000	992.864	153343.58	0.0183	P	0.7
9	☐			1239.01	0.0001	P	14.7

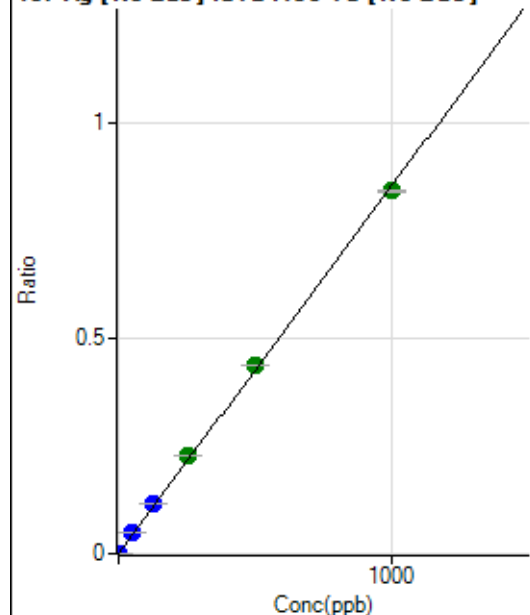
$$y = 1.8245\text{E-}005 * x + 1.5265\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.8695$$

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	72.23	0.0000	P	17.0
2	☐	0.100					
3	☐	1.000	1.054	7605.30	0.0009	P	2.1
4	☐	50.000	55.980	402332.12	0.0477	P	1.3
5	☐	125.000	135.627	986066.28	0.1154	P	0.8
6	☐	250.000	268.011	1944558.92	0.2281	A	0.6
7	☐	500.000	512.985	3686097.17	0.4366	A	0.5
8	☐	1000.000	987.377	7054779.24	0.8404	A	0.2
9	☐			975.08	0.0001	P	4.4

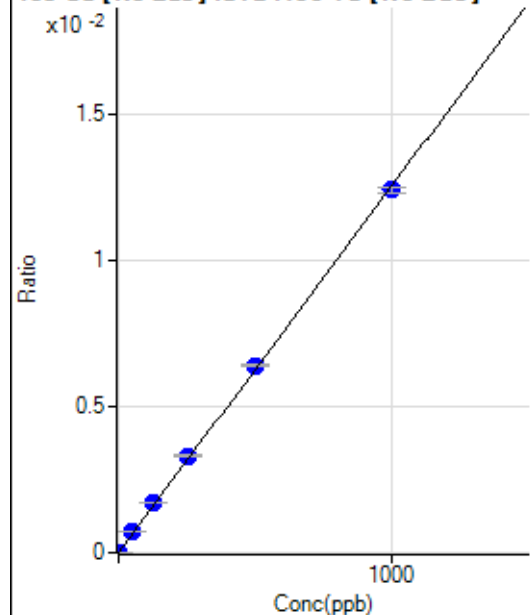
$$y = 8.5117\text{E-}004 * x + 8.4393\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.005062$$

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	9.72	0.0000	P	108.
2	☐	0.100					
3	☐	1.000	0.925	106.95	0.0000	P	24.2
4	☐	50.000	56.432	5987.58	0.0007	P	0.9
5	☐	125.000	135.242	14503.92	0.0017	P	2.0
6	☐	250.000	263.331	28174.12	0.0033	P	1.5
7	☐	500.000	509.535	53981.26	0.0064	P	1.2
8	☐	1000.000	990.298	104314.76	0.0124	P	1.4
9	☐			37.50	0.0000	P	19.6

$$y = 1.2548\text{E-}005 * x + 1.1357\text{E-}006$$

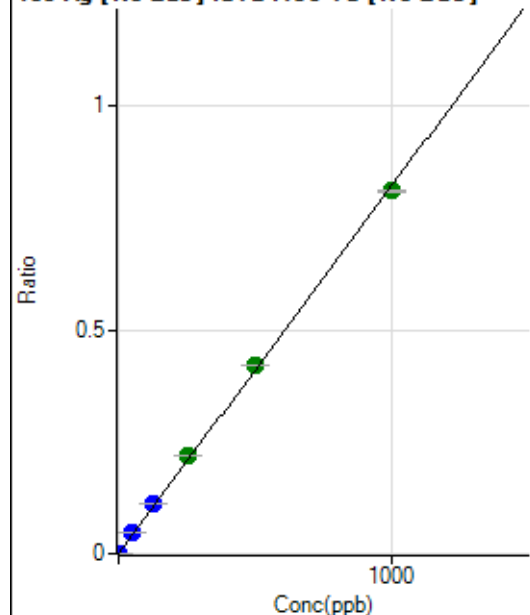
$$R = 0.9998$$

$$DL = 0.2939$$

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	63.89	0.0000	P	54.0
2	☐	0.100					
3	☐	1.000	1.043	7249.51	0.0009	P	1.6
4	☐	50.000	55.794	386587.33	0.0458	P	1.2
5	☐	125.000	134.839	945110.80	0.1107	P	0.6
6	☐	250.000	267.896	1873893.49	0.2198	A	0.6
7	☐	500.000	513.929	3560235.28	0.4217	A	0.2
8	☐	1000.000	987.042	6799095.47	0.8100	A	0.4
9	☐			1016.75	0.0001	P	14.5

$$y = 8.2059\text{E-}004 * x + 7.4621\text{E-}006$$

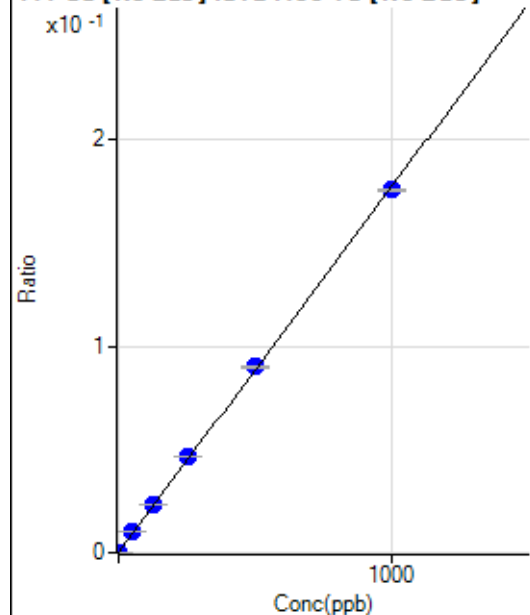
$$R = 0.9997$$

$$DL = 0.01473$$

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	916.90	0.0001	P	3.0
2	☐	0.100					
3	☐	1.000	0.983	2361.46	0.0003	P	5.0
4	☐	50.000	55.882	84350.77	0.0100	P	1.8
5	☐	125.000	133.226	202191.09	0.0237	P	0.2
6	☐	250.000	261.672	395433.96	0.0464	P	0.3
7	☐	500.000	507.518	758744.55	0.0899	P	0.6
8	☐	1000.000	992.001	1473812.59	0.1756	P	0.2
9	☐			1199.41	0.0001	P	9.2

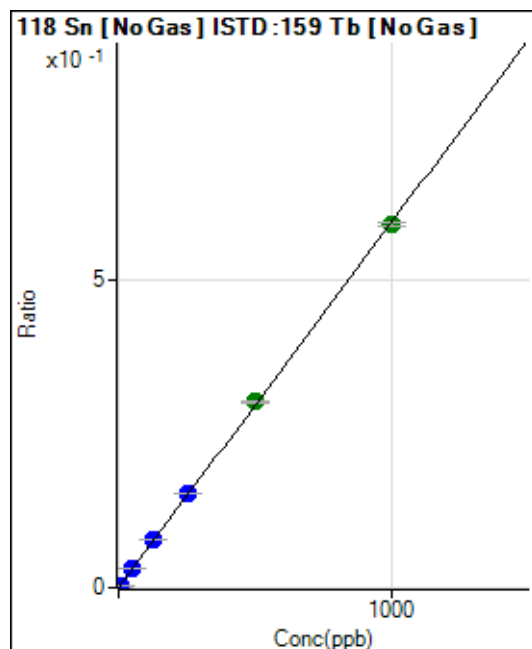
$$y = 1.7688\text{E-}004 * x + 1.0720\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.05465$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	522.26	0.0001	P	9.3
2	☐	0.500					
3	☐	5.000	4.713	23988.92	0.0029	P	2.5
4	☐	50.000	53.140	266628.47	0.0316	P	0.6
5	☐	125.000	130.019	659176.58	0.0772	P	0.6
6	☐	250.000	256.557	1297562.66	0.1522	P	0.4
7	☐	500.000	508.980	2548963.66	0.3019	A	0.9
8	☐	1000.000	993.088	4944818.95	0.5891	A	0.9
9	☐			9078.50	0.0011	P	3.3

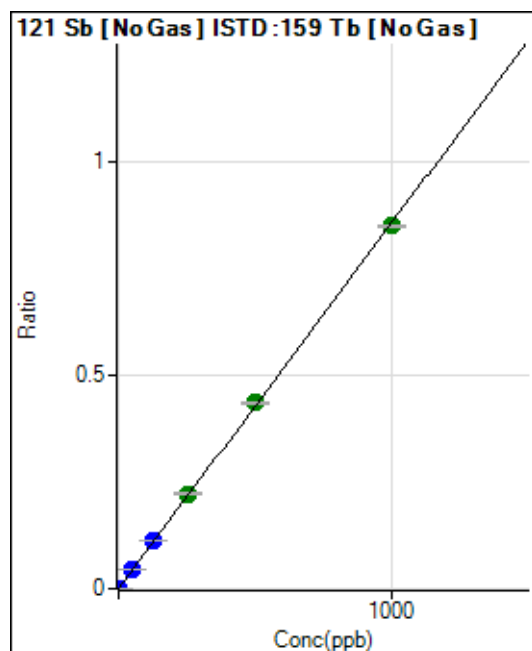
$$y = 5.9311\text{E-}004 * x + 6.1084\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02868$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	413.92	0.0000	P	29.9
2	☐	0.200					
3	☐	2.000	1.954	14475.08	0.0017	P	4.0
4	☐	50.000	52.019	376987.07	0.0447	P	0.7
5	☐	125.000	129.585	949424.73	0.1112	P	0.4
6	☐	250.000	260.218	1902259.42	0.2232	A	0.8
7	☐	500.000	508.677	3682421.26	0.4362	A	0.4
8	☐	1000.000	992.433	7143509.97	0.8510	A	0.4
9	☐			25441.86	0.0030	P	7.7

$$y = 8.5744\text{E-}004 * x + 4.8465\text{E-}005$$

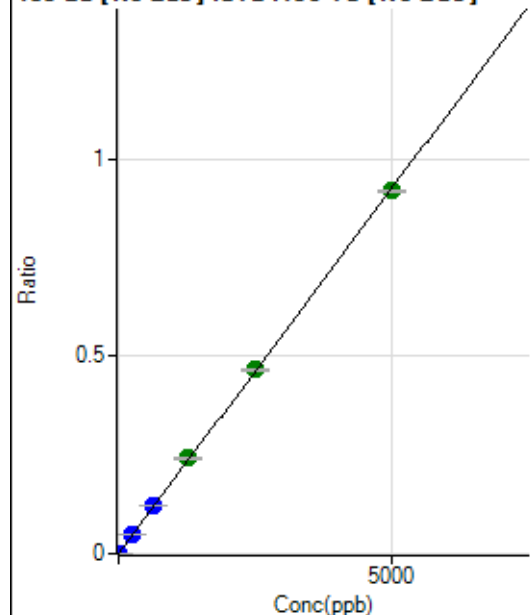
$$R = 0.9999$$

$$DL = 0.05068$$

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	50.00	0.0000	P	16.9
2	☐	1.000					
3	☐	10.000	9.503	14814.53	0.0018	P	0.9
4	☐	250.000	264.739	413559.26	0.0490	P	1.2
5	☐	625.000	650.015	1027215.84	0.1203	P	0.6
6	☐	1250.000	1304.873	2057872.27	0.2414	A	0.2
7	☐	2500.000	2521.431	3938230.69	0.4665	A	0.9
8	☐	5000.000	4971.703	7721429.34	0.9198	A	0.5
9	☐			2633.72	0.0003	P	2.6

$$y = 1.8501\text{E-}004 * x + 5.8481\text{E-}006$$

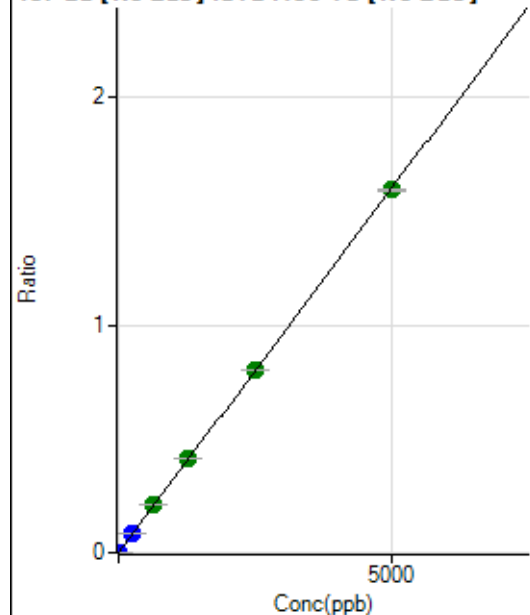
$$R = 0.9999$$

$$DL = 0.01605$$

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	72.23	0.0000	P	27.2
2	☐	1.000					
3	☐	10.000	9.676	26060.07	0.0031	P	1.9
4	☐	250.000	265.348	716567.41	0.0849	P	1.2
5	☐	625.000	655.302	1790263.67	0.2096	A	0.9
6	☐	1250.000	1295.301	3531451.16	0.4143	A	0.6
7	☐	2500.000	2506.235	6767161.35	0.8016	A	0.5
8	☐	5000.000	4981.003	13373394.92	1.5932	A	0.5
9	☐			4612.12	0.0005	P	4.8

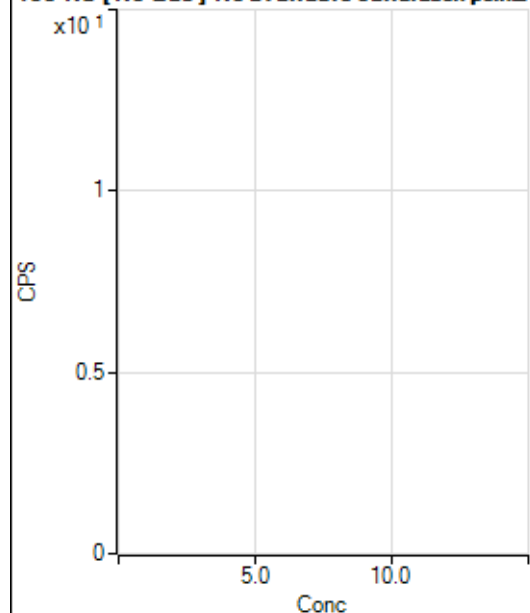
$$y = 3.1985\text{E-}004 * x + 8.4556\text{E-}006$$

$$R = 0.9999$$

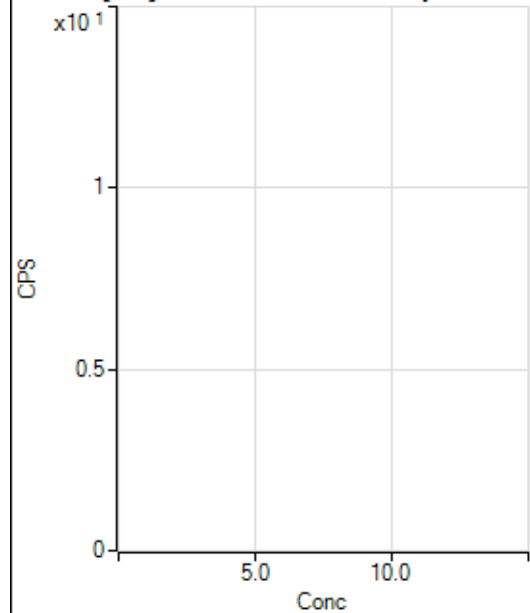
$$DL = 0.02156$$

Weight: <None>

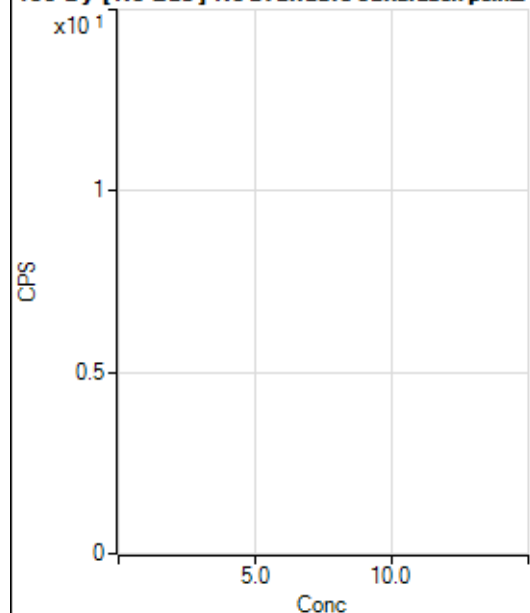
Min Conc: 0

150 Nd [No Gas] No available calibration points

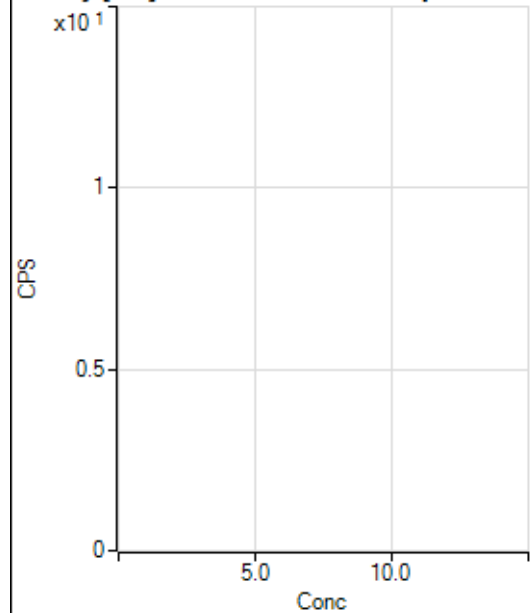
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			13.33		P	50.0
4	☐			35.56		P	39.0
5	☐			48.89		P	7.9
6	☐			93.34		P	12.4
7	☐			148.90		P	10.3
8	☐			306.68		P	14.3
9	☐			77.78		P	17.8

150 Nd [He] No available calibration points

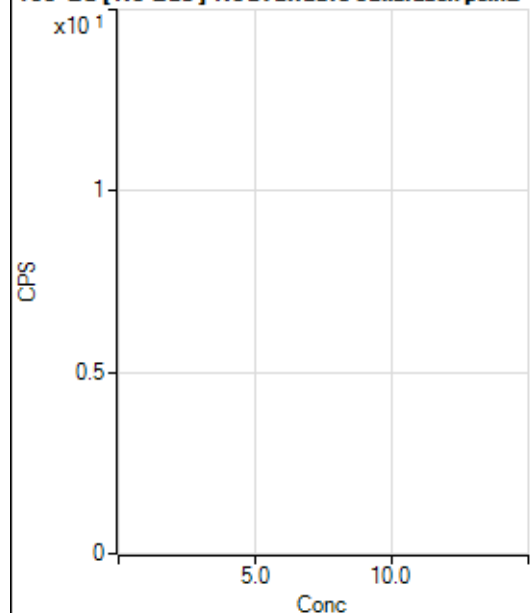
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			1.11		P	173.
5	☐			2.22		P	173.
6	☐			1.11		P	173.
7	☐			3.33		P	100.
8	☐			8.89		P	57.3
9	☐			8.89		P	78.1

156 Dy [No Gas] No available calibration points

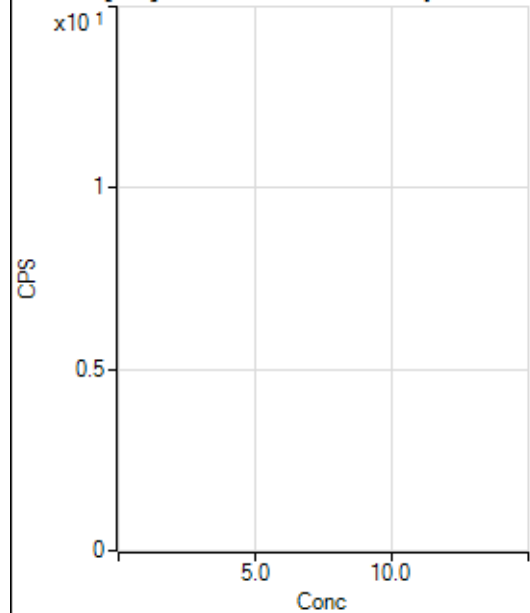
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	173.
2	☐						
3	☐			19.44		P	49.5
4	☐			5.55		P	86.6
5	☐			19.44		P	65.5
6	☐			38.89		P	32.7
7	☐			61.12		P	7.9
8	☐			111.12		P	21.7
9	☐			63.89		P	19.9

156 Dy [He] No available calibration points

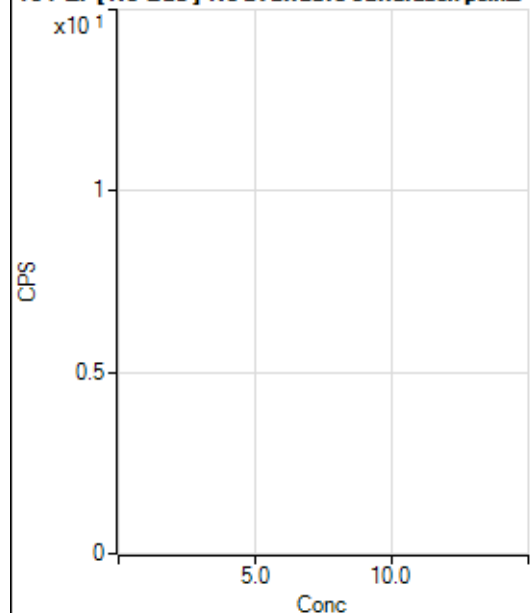
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			3.33		P	0.0
6	☐			2.22		P	173.
7	☐			3.33		P	100.
8	☐			10.00		P	57.7
9	☐			11.11		P	62.5

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

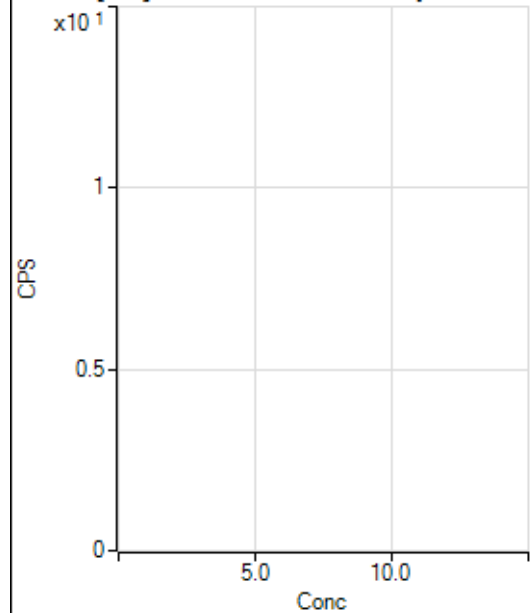
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	32.7
2	☐						
3	☐			38.89		P	53.9
4	☐			58.34		P	65.5
5	☐			44.44		P	21.7
6	☐			58.33		P	49.5
7	☐			63.89		P	37.7
8	☐			61.12		P	34.3
9	☐			88.89		P	32.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			5.56		P	91.6
4	☐			3.33		P	100.
5	☐			13.33		P	25.0
6	☐			5.56		P	34.7
7	☐			10.00		P	88.2
8	☐			10.00		P	0.0
9	☐			10.00		P	33.3

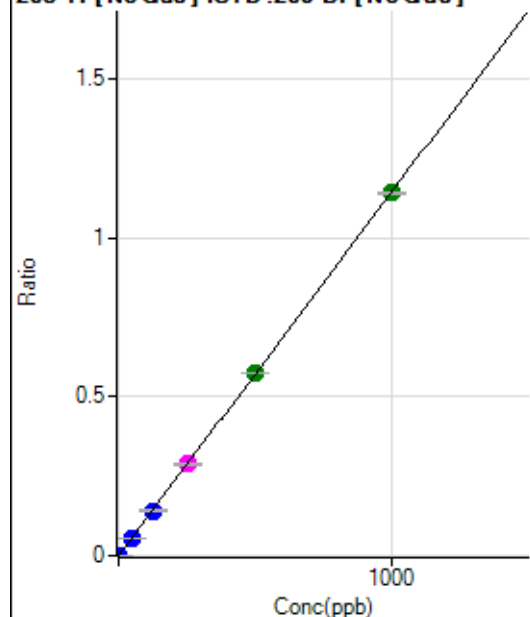
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐						
3	☐			52.78		P	24.1
4	☐			27.78		P	34.6
5	☐			27.78		P	62.5
6	☐			25.00		P	33.3
7	☐			44.44		P	60.3
8	☐			55.56		P	48.2
9	☐			30.55		P	15.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐						
3	☐			5.55		P	69.3
4	☐			5.56		P	34.7
5	☐			3.33		P	100.
6	☐			2.22		P	86.6
7	☐			2.22		P	173.
8	☐			10.00		P	57.7
9	☐			4.44		P	114.

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.46	0.0000	P	24.5
2	☐	0.100					
3	☐	1.000	0.881	5690.45	0.0010	P	3.3
4	☐	50.000	49.828	314133.77	0.0569	P	0.5
5	☐	125.000	124.093	788967.58	0.1417	P	0.9
6	☐	250.000	251.346	1608288.86	0.2871	M	1.0
7	☐	500.000	502.758	3228633.45	0.5742	A	0.9
8	☐	1000.000	998.407	6284087.38	1.1402	A	0.9
9	☐			3900.78	0.0007	P	10.8

$$y = 0.0011 * x + 3.4481E-005$$

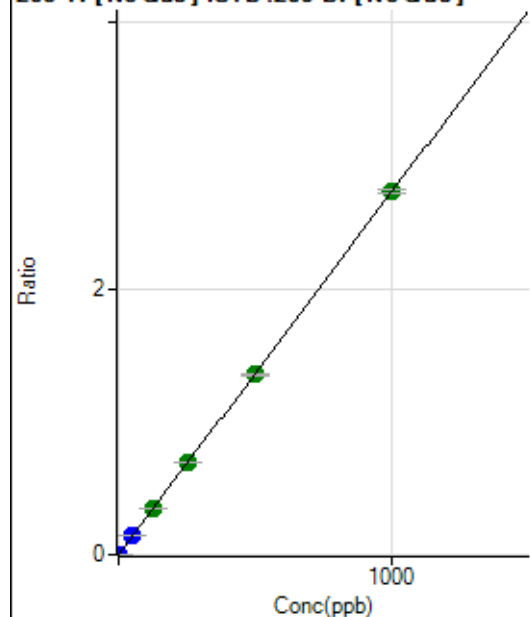
$$R = 1.0000$$

$$DL = 0.02217$$

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	405.58	0.0001	P	10.3
2	☐	0.100					
3	☐	1.000	0.934	14305.87	0.0026	P	1.6
4	☐	50.000	50.406	758290.83	0.1374	P	0.1
5	☐	125.000	127.452	1933755.62	0.3474	A	0.4
6	☐	250.000	252.977	3862851.69	0.6895	A	0.4
7	☐	500.000	496.495	7609010.76	1.3531	A	0.7
8	☐	1000.000	1000.682	15030613.36	2.7272	A	0.9
9	☐			9148.16	0.0017	P	1.8

$$y = 0.0027 * x + 7.1940E-005$$

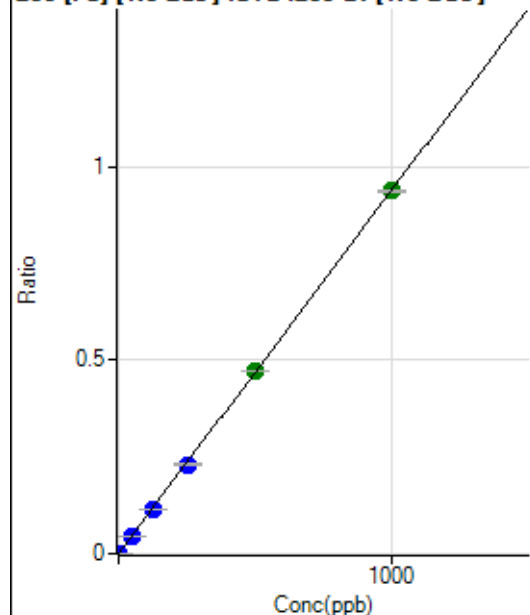
$$R = 1.0000$$

$$DL = 0.008128$$

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	281.49	0.0000	P	6.1
2	☐	0.100					
3	☐	1.000	0.900	4893.69	0.0009	P	1.2
4	☐	50.000	49.574	257030.92	0.0466	P	0.4
5	☐	125.000	123.731	646800.53	0.1162	P	0.3
6	☐	250.000	245.853	1293274.44	0.2308	P	0.3
7	☐	500.000	504.594	2663954.86	0.4737	A	0.2
8	☐	1000.000	998.920	5168482.35	0.9378	A	0.8
9	☐			10245.20	0.0019	P	1.4

$$y = 9.3875\text{E-}004 * x + 4.9895\text{E-}005$$

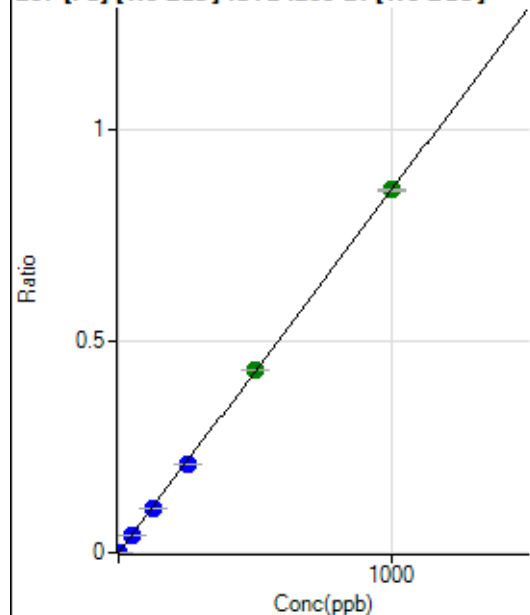
$$R = 1.0000$$

$$DL = 0.00972$$

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	240.75	0.0000	P	10.5
2	☐	0.100					
3	☐	1.000	0.907	4486.14	0.0008	P	1.3
4	☐	50.000	49.073	232442.89	0.0421	P	0.2
5	☐	125.000	122.978	587292.73	0.1055	P	0.7
6	☐	250.000	244.485	1174977.50	0.2097	P	0.4
7	☐	500.000	502.864	2425465.10	0.4313	A	0.6
8	☐	1000.000	1000.246	4728272.56	0.8579	A	0.5
9	☐			8842.22	0.0016	P	1.0

$$y = 8.5766\text{E-}004 * x + 4.2662\text{E-}005$$

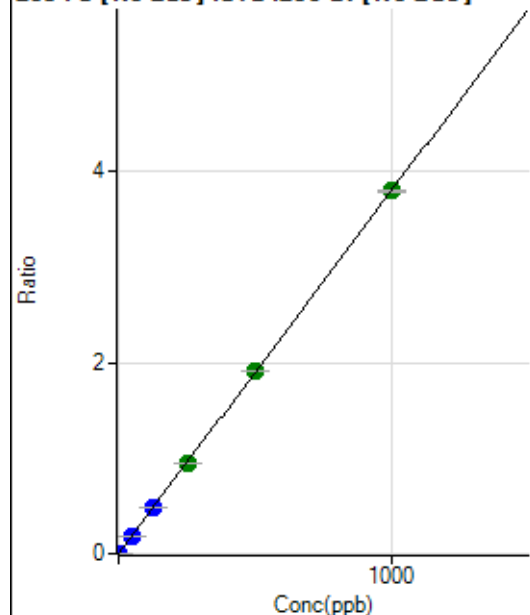
$$R = 1.0000$$

$$DL = 0.01566$$

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	1085.24	0.0002	P	4.4
2	☐	0.100					
3	☐	1.000	0.899	19726.90	0.0036	P	0.8
4	☐	50.000	49.876	1046272.98	0.1896	P	0.3
5	☐	125.000	124.892	2641552.47	0.4746	P	0.4
6	☐	250.000	249.098	5301900.47	0.9464	A	0.2
7	☐	500.000	501.574	10714386.47	1.9054	A	0.1
8	☐	1000.000	999.458	20924058.05	3.7965	A	0.7
9	☐			40428.08	0.0075	P	1.3

$$y = 0.0038 * x + 1.9243E-004$$

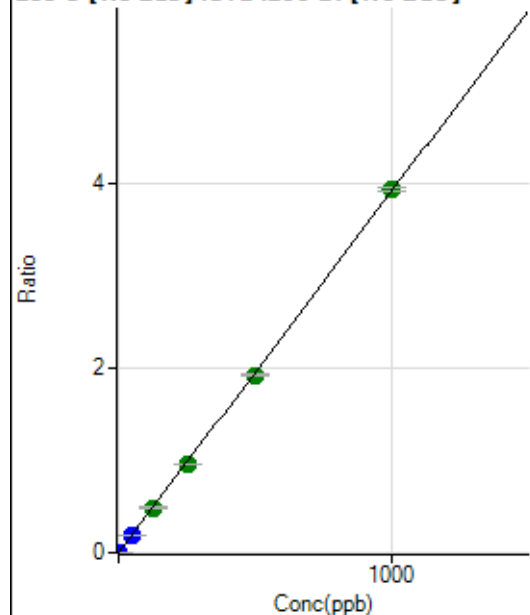
$$R = 1.0000$$

$$DL = 0.006616$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.34	0.0000	P	51.1
2	☐	0.100					
3	☐	1.000	0.859	18439.46	0.0034	P	0.6
4	☐	50.000	48.036	1037264.69	0.1880	P	0.5
5	☐	125.000	124.483	2711688.90	0.4872	A	1.1
6	☐	250.000	247.093	5417758.20	0.9671	A	0.4
7	☐	500.000	492.279	10833862.14	1.9266	A	0.3
8	☐	1000.000	1004.750	21672325.14	3.9323	A	1.1
9	☐			2311.46	0.0004	P	0.5

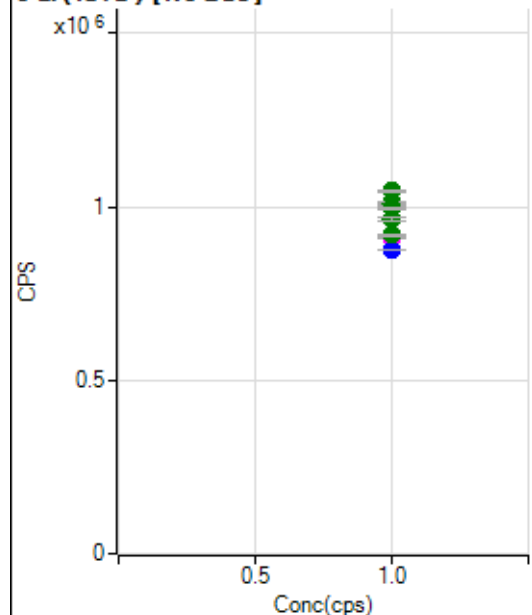
$$y = 0.0039 * x + 1.0328E-005$$

$$R = 1.0000$$

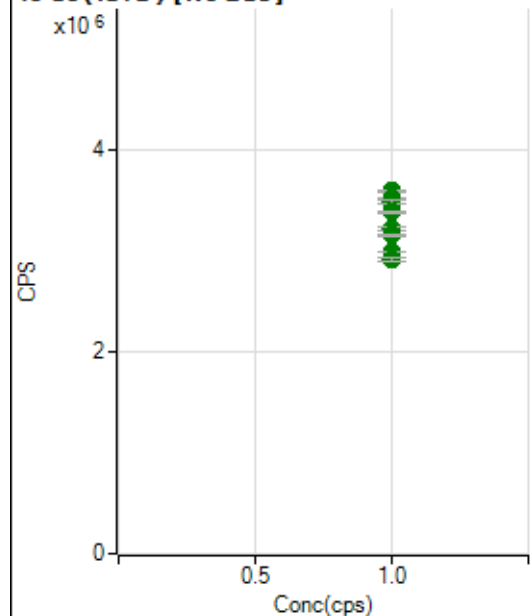
$$DL = 0.004042$$

Weight: <None>

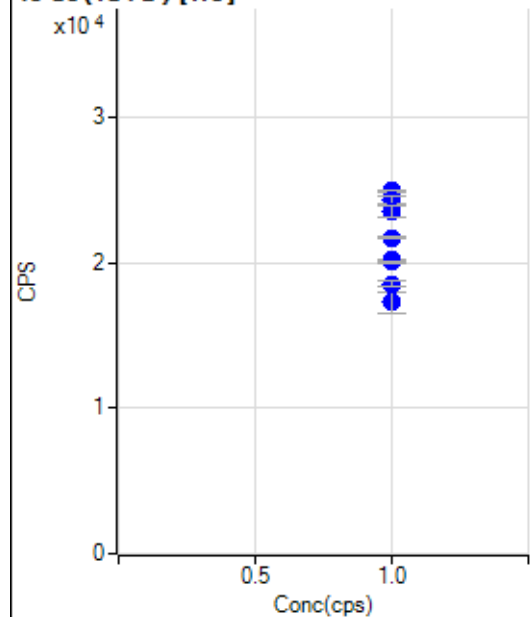
Min Conc: 0

6 Li (ISTD) [No Gas]

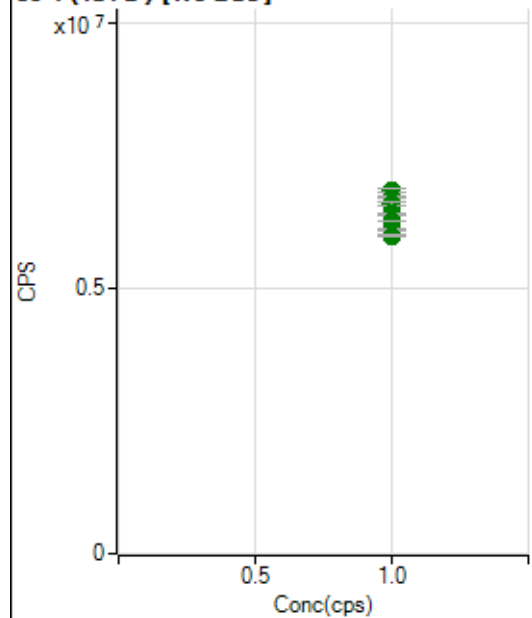
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1045868.63		A	0.5
2	☐	1.000					
3	☐	1.000		1013531.90		A	0.6
4	☐	1.000		1009115.90		A	0.8
5	☐	1.000		995420.83		A	0.4
6	☐	1.000		965448.30		A	1.1
7	☐	1.000		910180.32		M	0.6
8	☐	1.000		874631.02		P	0.2
9	☐	1.000		917741.16		A	0.5

45 Sc (ISTD) [No Gas]

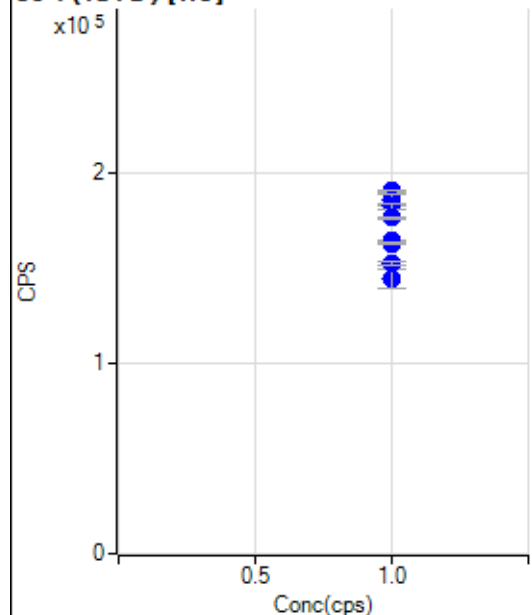
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3591493.96		A	0.3
2	☐	1.000					
3	☐	1.000		3516316.53		A	0.6
4	☐	1.000		3486723.13		A	0.8
5	☐	1.000		3382378.07		A	0.5
6	☐	1.000		3219579.35		A	0.8
7	☐	1.000		2991080.10		A	0.1
8	☐	1.000		2913140.95		A	1.1
9	☐	1.000		3153297.75		A	0.5

45 Sc (ISTD) [He]

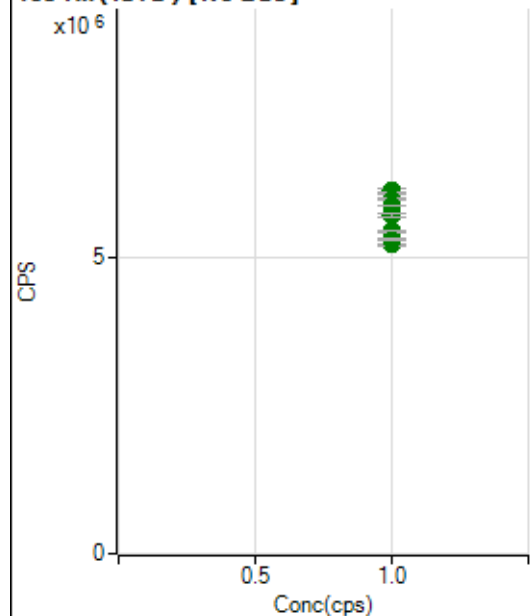
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		24940.15		P	0.2
2	☐	1.000					
3	☐	1.000		24261.13		P	2.2
4	☐	1.000		23556.70		P	3.1
5	☐	1.000		21690.26		P	0.5
6	☐	1.000		20195.82		P	0.9
7	☐	1.000		17284.28		P	8.3
8	☐	1.000		18545.72		P	2.5
9	☐	1.000		20071.18		P	0.5

89 Y (ISTD) [No Gas]

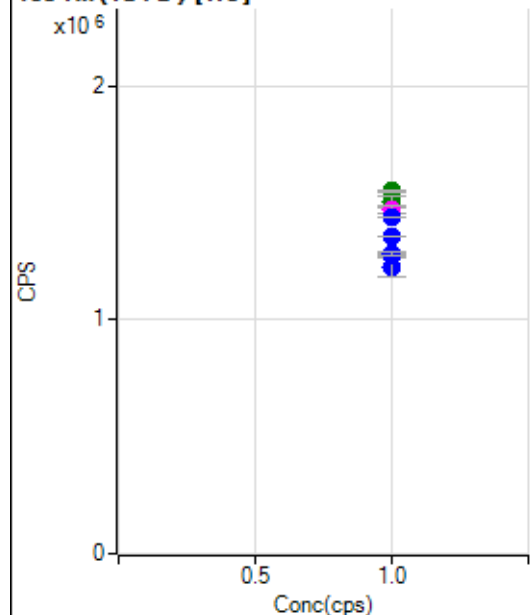
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6844325.80		A	1.0
2	☐	1.000					
3	☐	1.000		6722630.52		A	0.3
4	☐	1.000		6721577.54		A	0.8
5	☐	1.000		6606962.96		A	0.7
6	☐	1.000		6403753.45		A	0.9
7	☐	1.000		6120563.17		A	0.7
8	☐	1.000		6001616.16		A	0.2
9	☐	1.000		6276691.99		A	0.3

89 Y (ISTD) [He]

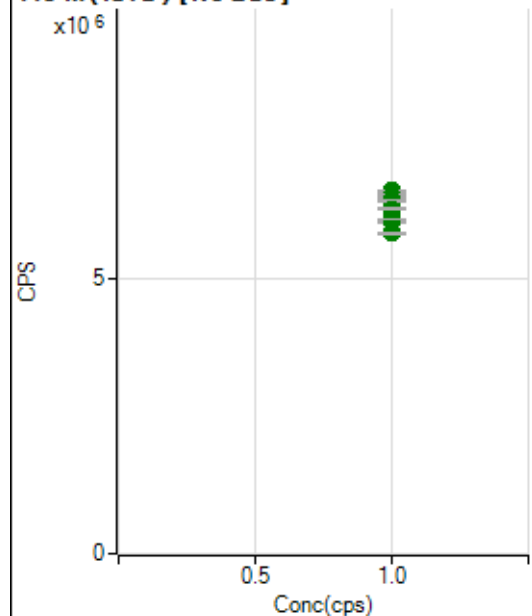
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		190125.39		P	0.3
2	☐	1.000					
3	☐	1.000		185581.97		P	3.5
4	☐	1.000		182043.84		P	1.7
5	☐	1.000		176099.86		P	0.5
6	☐	1.000		163960.61		P	0.3
7	☐	1.000		144238.49		P	7.0
8	☐	1.000		152433.90		P	1.5
9	☐	1.000		162591.24		P	0.4

103 Rh (ISTD) [No Gas]

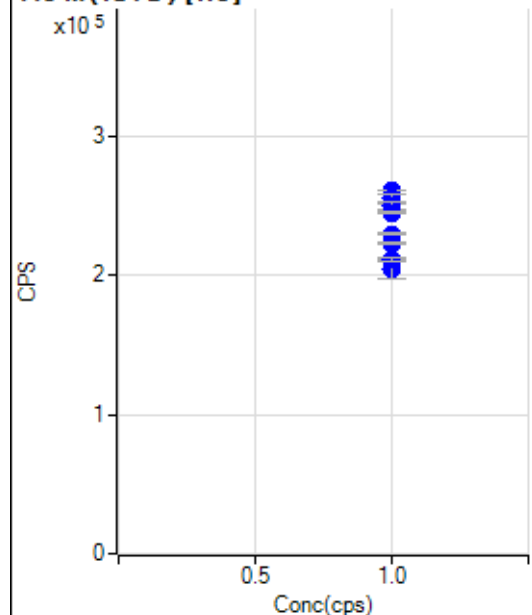
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6108964.81		A	1.0
2	☐	1.000					
3	☐	1.000		6072873.88		A	0.7
4	☐	1.000		5970360.55		A	0.4
5	☐	1.000		5870255.56		A	0.2
6	☐	1.000		5689184.07		A	1.1
7	☐	1.000		5434203.64		A	0.4
8	☐	1.000		5200224.90		A	0.5
9	☐	1.000		5287198.47		A	0.4

103 Rh (ISTD) [He]

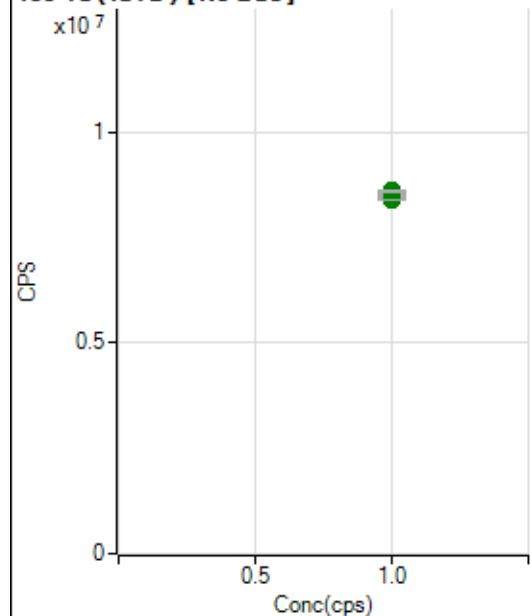
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1552107.77		A	0.5
2	☐	1.000					
3	☐	1.000		1506544.98		A	3.3
4	☐	1.000		1469877.88		M	2.2
5	☐	1.000		1438280.69		P	0.3
6	☐	1.000		1356874.11		P	0.4
7	☐	1.000		1222592.00		P	6.8
8	☐	1.000		1274625.45		P	1.1
9	☐	1.000		1284043.73		P	0.7

115 In (ISTD) [No Gas]

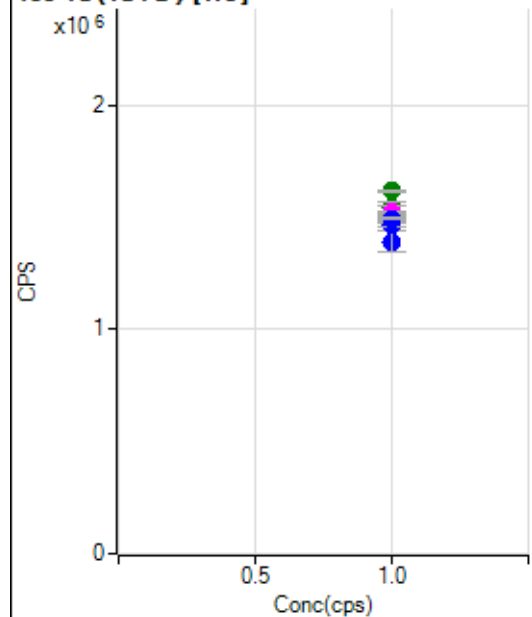
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6592707.14		A	0.8
2	☐	1.000					
3	☐	1.000		6477555.46		A	0.8
4	☐	1.000		6508808.08		A	0.6
5	☐	1.000		6414799.71		A	0.5
6	☐	1.000		6265634.10		A	0.4
7	☐	1.000		6030840.00		A	0.5
8	☐	1.000		5822745.65		A	0.9
9	☐	1.000		6084514.71		A	0.1

115 In (ISTD) [He]

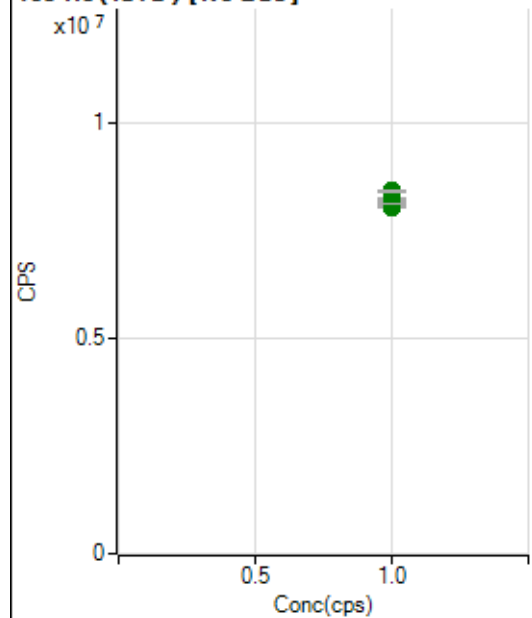
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		260880.86		P	0.1
2	☐	1.000					
3	☐	1.000		255233.28		P	3.1
4	☐	1.000		250453.29		P	2.5
5	☐	1.000		245068.75		P	0.8
6	☐	1.000		230209.05		P	0.3
7	☐	1.000		204474.25		P	6.6
8	☐	1.000		212075.86		P	1.4
9	☐	1.000		223283.75		P	0.3

159 Tb (ISTD) [No Gas]

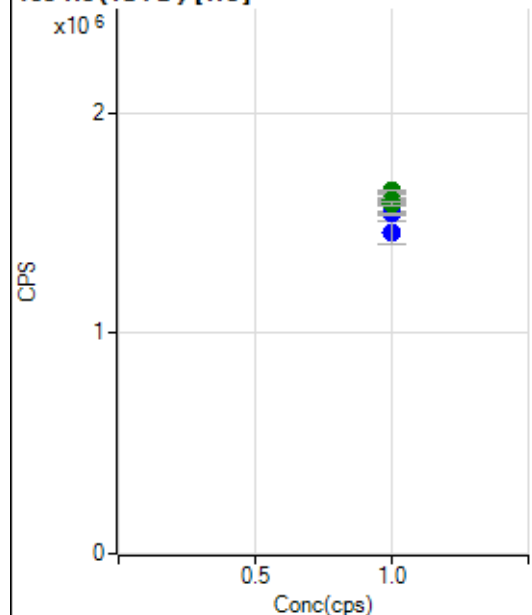
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8552332.37		A	0.7
2	☐	1.000					
3	☐	1.000		8398267.93		A	0.4
4	☐	1.000		8442962.03		A	1.0
5	☐	1.000		8541192.79		A	0.6
6	☐	1.000		8523773.76		A	0.4
7	☐	1.000		8441920.50		A	0.2
8	☐	1.000		8394253.21		A	0.1
9	☐	1.000		8605462.02		A	0.5

159 Tb (ISTD) [He]

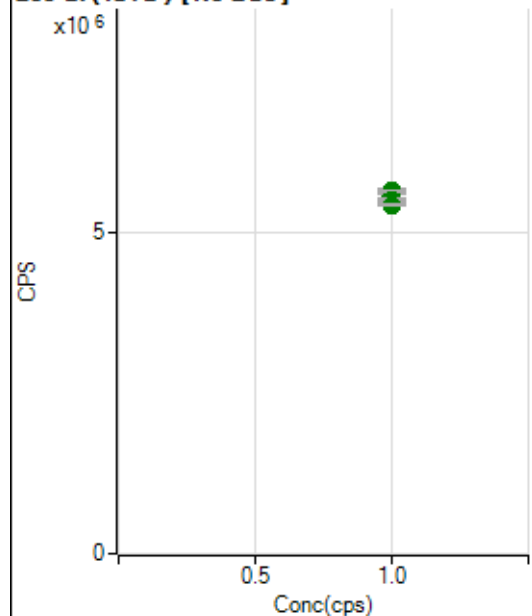
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1618496.97		A	0.7
2	☐	1.000					
3	☐	1.000		1546279.49		A	3.4
4	☐	1.000		1530654.56		M	2.3
5	☐	1.000		1519435.71		M	0.6
6	☐	1.000		1486985.57		P	0.2
7	☐	1.000		1392173.01		P	6.5
8	☐	1.000		1465784.94		P	0.7
9	☐	1.000		1496225.41		P	1.0

165 Ho (ISTD) [No Gas]

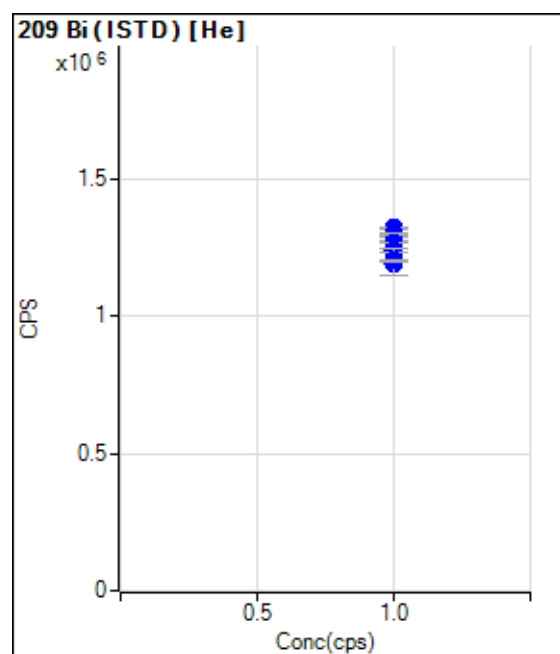
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8237332.48		A	0.7
2	☐	1.000					
3	☐	1.000		8059163.29		A	0.3
4	☐	1.000		8215255.82		A	0.5
5	☐	1.000		8240598.62		A	0.2
6	☐	1.000		8188777.70		A	0.4
7	☐	1.000		8172673.53		A	0.4
8	☐	1.000		8136443.93		A	0.3
9	☐	1.000		8423887.43		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1646255.19		A	0.2
2	☐	1.000					
3	☐	1.000		1607662.27		A	3.1
4	☐	1.000		1595255.41		A	1.3
5	☐	1.000		1607876.99		A	1.1
6	☐	1.000		1547507.15		M	0.3
7	☐	1.000		1457174.66		P	7.1
8	☐	1.000		1541436.56		P	0.8
9	☐	1.000		1589012.53		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5639852.00		A	0.9
2	☐	1.000					
3	☐	1.000		5468330.68		A	0.1
4	☐	1.000		5517168.32		A	0.2
5	☐	1.000		5566133.74		A	0.8
6	☐	1.000		5602347.83		A	0.6
7	☐	1.000		5623226.79		A	0.5
8	☐	1.000		5511451.86		A	0.4
9	☐	1.000		5413232.00		A	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1323719.34		P	0.2
2	☐	1.000					
3	☐	1.000		1297640.55		P	2.9
4	☐	1.000		1298910.16		P	1.3
5	☐	1.000		1302087.45		P	0.1
6	☐	1.000		1267419.72		P	0.1
7	☐	1.000		1193551.88		P	6.8
8	☐	1.000		1243170.51		P	0.9
9	☐	1.000		1205159.79		P	0.4

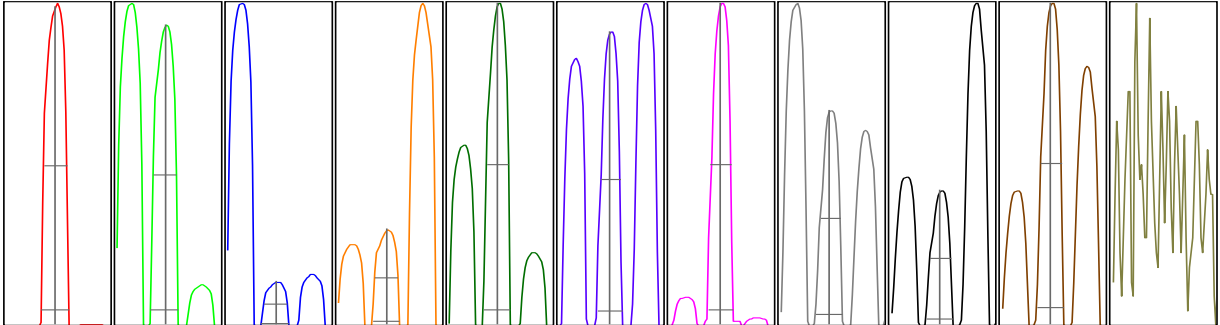
US EPA Tune Check Sample Report

Batch Folder D:\P8031318-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4025	0.74	5.00	
24	28217	0.35	5.00	
25	3846	0.60	5.00	
26	4475	0.35	5.00	
59	48338	0.44	5.00	
113	7024	0.62	5.00	
115	88934	0.60	5.00	
206	21679	0.76	5.00	
207	19954	0.67	5.00	
208	47370	0.70	5.00	
220	1	15.95		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4023	4047	4028	4050	3976
24	28176	28236	28175	28379	28120
25	3875	3828	3844	3863	3821
26	4491	4468	4464	4492	4459
59	48251	48324	48333	48679	48102
113	7009	7034	7015	7091	6972
115	89073	89430	88332	89427	88410
206	21542	21672	21761	21912	21510
207	19925	19889	19991	20161	19804
208	47045	47387	47485	47856	47077
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	6362	8.95	8.9 - 9.1		0.787	0.900	
24	45038	23.95	23.9 - 24.1		0.786	0.900	
25	6124	24.95	24.9 - 25.1		0.787	0.900	
26	7205	25.95	25.9 - 26.1		0.784	0.900	
59	81021	58.95	58.9 - 59.1		0.777	0.900	
113	12890	113.00	112.9 - 113.1		0.734	0.900	
115	160023	115.00	114.9 - 115.1		0.737	0.900	
206	39259	205.95	205.9 - 206.1		0.770	0.900	
207	35737	206.95	206.9 - 207.1		0.776	0.900	
208	85297	207.95	207.9 - 208.1		0.772	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
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	9.7	V	Deflect	14.0	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5589	1.98	
89	1649	2.19	
205	9234	2.32	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5396	5662	5649	5642	5596
89	1587	1678	1655	1670	1653
205	8879	9424	9343	9329	9196

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	9.7	V	Deflect	2.6	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	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 :	LB93878	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 13:58:13	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	0.65	-1.32	0.00	N/A	ppb
Antimony	121-1	-0.02	0.01	0.01	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.03	-0.02	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.03	-0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.29	-0.02	0.32	0.00	N/A	ppb
Boron	11-1	0.05	-0.05	0.00	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.33	-0.23	-0.09	0.00	N/A	ppb
Cadmium	108-1	-0.01	0.10	-0.09	0.00	N/A	ppb
Calcium	43-1	6.25	-1.73	-4.52	0.00	N/A	ppb
Calcium	44-1	-1.69	0.49	1.21	0.00	N/A	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.01	0.01	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.30	-0.20	-0.10	0.00	N/A	ppb
Iron	57-2	0.19	-0.92	0.73	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	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				100		%
Magnesium	24-2	-0.12	1.08	-0.96	0.00	N/A	ppb
Manganese	55-2	0.00	-0.04	0.04	0.00	N/A	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 13:58:13	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.02	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.03	0.02	0.00	N/A	ppb
Phosphorus	31-2	-20.39	-20.39	-20.39	-20.39		ppb
Potassium	39-2	3.64	0.57	-4.21	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.02	-7.00	7.01	0.00	N/A	ppb
Selenium	78-2	1.14	-0.01	-1.13	0.00	N/A	ppb
Selenium	82-1	0.04	-0.09	0.05	0.00	N/A	ppb
Silicon	28-1	-0.19	0.13	0.06	0.00	N/A	ppb
Silver	109-1	0.00	-0.01	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.82	-2.32	0.50	0.00	N/A	ppb
Strontium	86-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-113.05	-141.60	-76.13	-110.26		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	0.03	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.13	0.09	-0.22	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 13:58:13	DataFile Name :	003CALB.d

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

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:05:43	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.85	22.70	27.84	25.80	10.58	ppb
Antimony	121-1	2.00	2.00	1.86	1.95	4.09	ppb
Arsenic	75-2	0.93	1.15	0.99	1.02	10.86	ppb
Barium	135-1	9.41	9.55	9.55	9.50	0.86	ppb
Barium	137-1	9.46	9.76	9.80	9.68	1.92	ppb
Beryllium	9-1	1.37	0.99	0.89	1.08	23.38	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	22.41	23.08	19.05	21.51	10.05	ppb
Boron	11-1	23.23	23.08	22.97	23.09	0.56	ppb
Cadmium	111-1	1.06	0.90	1.00	0.98	8.10	ppb
Cadmium	106-1	0.78	-0.56	1.33	0.52	189.15	ppb
Cadmium	108-1	0.66	1.14	0.98	0.93	26.54	ppb
Calcium	43-1	434.50	439.73	424.89	433.04	1.74	ppb
Calcium	44-1	446.62	462.89	450.88	453.47	1.86	ppb
Chromium	52-2	2.03	1.79	2.04	1.95	7.41	ppb
Cobalt	59-2	0.89	0.85	0.91	0.89	3.53	ppb
Copper	63-2	1.82	1.87	1.87	1.86	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	47.23	47.52	49.32	48.02	2.36	ppb
Iron	57-2	45.29	43.38	53.34	47.34	11.16	ppb
Lead	206-1	0.89	0.91	0.90	0.90	1.25	ppb
Lead	207-1	0.91	0.92	0.89	0.91	1.40	ppb
Lead	208-1	0.91	0.89	0.90	0.90	0.80	ppb
Lithium	6-1				97		%
Magnesium	24-2	467.14	468.04	455.17	463.45	1.55	ppb
Manganese	55-2	0.82	0.82	0.90	0.85	5.33	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:05:43	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.46	4.30	4.22	4.33	2.91	ppb
Molybdenum	95-1	4.48	4.50	4.32	4.43	2.28	ppb
Molybdenum	96-1	4.38	4.41	4.40	4.40	0.39	ppb
Molybdenum	97-1	4.42	4.35	4.47	4.41	1.44	ppb
Molybdenum	98-1	4.18	4.44	4.44	4.35	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	0.73	1.05	0.88	18.29	ppb
Phosphorus	31-2	9.99	40.10	11.07	20.39	83.77	ppb
Potassium	39-2	461.83	471.65	496.43	476.64	3.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	0.04	6.98	-7.00	0.01	107583.42	ppb
Selenium	78-2	4.61	0.00	8.65	4.42	97.98	ppb
Selenium	82-1	3.32	4.78	4.06	4.05	17.97	ppb
Silicon	28-1	15.82	18.42	17.01	17.08	7.60	ppb
Silver	109-1	1.03	1.06	1.04	1.04	1.62	ppb
Silver	107-1	1.04	1.04	1.08	1.05	2.16	ppb
Sodium	23-2	462.87	460.68	479.87	467.81	2.24	ppb
Strontium	86-1	0.99	0.89	0.90	0.93	5.78	ppb
Strontium	88-1	0.96	0.95	0.92	0.95	2.07	ppb
Sulfur	34-1	107.60	159.82	63.36	110.26	43.79	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.90	0.85	0.90	0.88	3.41	ppb
Thallium	205-1	0.95	0.92	0.94	0.93	1.60	ppb
Tin	118-1	4.66	4.85	4.63	4.71	2.54	ppb
Titanium	47-1	4.92	4.59	4.74	4.75	3.42	ppb
Uranium	238-1	0.85	0.86	0.86	0.86	0.59	ppb
Vanadium	51-2	4.41	4.70	4.62	4.58	3.24	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	2.12	2.59	2.18	2.30	10.98	ppb
Zirconium	90-1	0.83	0.84	0.90	0.86	4.71	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:05:43	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.85	0.94	0.93	0.91	5.20	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:09:26	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	978.30	996.55	988.72	987.86	0.93	ppb
Antimony	121-1	51.64	52.37	52.04	52.02	0.71	ppb
Arsenic	75-2	51.66	53.32	50.00	51.66	3.21	ppb
Barium	135-1	266.85	266.19	261.17	264.74	1.17	ppb
Barium	137-1	266.48	267.84	261.73	265.35	1.21	ppb
Beryllium	9-1	57.06	54.68	56.11	55.95	2.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	51.34	51.46	52.35	51.72	1.07	ppb
Boron	11-1	51.33	50.40	52.70	51.48	2.25	ppb
Cadmium	111-1	55.60	56.99	55.06	55.88	1.79	ppb
Cadmium	106-1	55.40	57.53	56.38	56.43	1.89	ppb
Cadmium	108-1	56.48	56.90	55.92	56.43	0.87	ppb
Calcium	43-1	5052.15	4941.66	5119.74	5037.85	1.78	ppb
Calcium	44-1	5112.44	4971.77	5058.94	5047.72	1.41	ppb
Chromium	52-2	49.30	51.69	49.97	50.32	2.44	ppb
Cobalt	59-2	48.85	51.39	48.21	49.48	3.40	ppb
Copper	63-2	96.47	102.50	97.09	98.69	3.36	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				100		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	2514.25	2662.57	2515.84	2564.22	3.32	ppb
Iron	57-2	2511.85	2629.36	2483.24	2541.49	3.05	ppb
Lead	206-1	49.72	49.65	49.35	49.57	0.40	ppb
Lead	207-1	49.11	48.96	49.16	49.07	0.21	ppb
Lead	208-1	50.05	49.79	49.78	49.88	0.31	ppb
Lithium	6-1				96		%
Magnesium	24-2	5002.00	5397.81	5000.95	5133.59	4.46	ppb
Manganese	55-2	98.71	104.71	99.07	100.83	3.33	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:09:26	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	252.35	253.83	250.33	252.17	0.70	ppb
Molybdenum	95-1	251.40	254.78	248.77	251.65	1.20	ppb
Molybdenum	96-1	251.34	252.48	248.21	250.68	0.88	ppb
Molybdenum	97-1	253.54	252.17	248.58	251.43	1.02	ppb
Molybdenum	98-1	250.24	249.53	244.59	248.12	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.89	51.18	48.91	49.33	3.41	ppb
Phosphorus	31-2	1034.43	1192.10	974.58	1067.04	10.53	ppb
Potassium	39-2	2520.86	2741.20	2562.61	2608.22	4.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	28.88	67.16	51.38	49.14	39.15	ppb
Selenium	78-2	47.94	46.01	52.37	48.77	6.68	ppb
Selenium	82-1	52.03	52.48	50.97	51.83	1.50	ppb
Silicon	28-1	60.71	57.81	61.35	59.96	3.15	ppb
Silver	109-1	55.86	56.40	55.12	55.79	1.16	ppb
Silver	107-1	56.43	56.35	55.15	55.98	1.28	ppb
Sodium	23-2	4965.66	5192.50	4899.00	5019.05	3.07	ppb
Strontium	86-1	50.88	52.16	50.75	51.26	1.52	ppb
Strontium	88-1	50.86	51.37	50.90	51.04	0.55	ppb
Sulfur	34-1	1188.29	1035.81	1166.04	1130.04	7.29	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	49.60	49.79	50.10	49.83	0.51	ppb
Thallium	205-1	50.44	50.40	50.37	50.41	0.07	ppb
Tin	118-1	52.90	53.04	53.47	53.14	0.56	ppb
Titanium	47-1	258.40	255.99	261.11	258.50	0.99	ppb
Uranium	238-1	47.94	48.32	47.85	48.04	0.52	ppb
Vanadium	51-2	48.14	50.80	48.74	49.23	2.83	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	103.26	106.65	97.14	102.35	4.71	ppb
Zirconium	90-1	50.58	50.64	50.32	50.52	0.34	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:09:26	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.20	49.47	49.14	49.27	0.37	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:13:10	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2453.74	2523.19	2710.55	2562.49	5.18	ppb
Antimony	121-1	129.19	130.11	129.45	129.59	0.37	ppb
Arsenic	75-2	128.28	128.44	125.30	127.34	1.39	ppb
Barium	135-1	647.34	654.10	648.61	650.02	0.55	ppb
Barium	137-1	654.01	650.37	661.53	655.30	0.87	ppb
Beryllium	9-1	133.63	131.31	135.65	133.53	1.62	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	125.89	122.48	126.78	125.05	1.81	ppb
Boron	11-1	122.38	123.63	127.09	124.37	1.96	ppb
Cadmium	111-1	133.34	132.97	133.37	133.23	0.17	ppb
Cadmium	106-1	136.77	133.04	139.73	136.51	2.45	ppb
Cadmium	108-1	136.30	137.32	132.11	135.24	2.04	ppb
Calcium	43-1	12359.03	12412.37	12428.67	12400.02	0.29	ppb
Calcium	44-1	12625.39	12493.01	12696.59	12604.99	0.82	ppb
Chromium	52-2	129.12	126.88	125.71	127.24	1.36	ppb
Cobalt	59-2	126.90	125.20	126.62	126.24	0.72	ppb
Copper	63-2	252.25	251.74	251.54	251.84	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	6604.05	6615.06	6564.46	6594.53	0.40	ppb
Iron	57-2	6506.51	6305.82	6554.08	6455.47	2.04	ppb
Lead	206-1	124.05	123.28	123.86	123.73	0.32	ppb
Lead	207-1	122.19	122.80	123.94	122.98	0.73	ppb
Lead	208-1	124.57	124.69	125.42	124.89	0.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	13094.85	13032.48	13034.35	13053.89	0.27	ppb
Manganese	55-2	260.67	257.36	253.03	257.02	1.49	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:13:10	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	632.07	642.27	631.07	635.14	0.98	ppb
Molybdenum	95-1	627.63	641.76	633.93	634.44	1.12	ppb
Molybdenum	96-1	630.88	643.74	625.51	633.38	1.48	ppb
Molybdenum	97-1	619.96	620.19	614.71	618.29	0.50	ppb
Molybdenum	98-1	627.03	633.76	624.97	628.58	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.28	126.79	127.90	127.66	0.60	ppb
Phosphorus	31-2	2428.67	2676.25	2865.93	2656.95	8.25	ppb
Potassium	39-2	6416.35	6577.53	6303.94	6432.61	2.14	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				87		%
Selenium	77-2	196.27	105.67	83.99	128.64	46.30	ppb
Selenium	78-2	122.72	134.67	126.09	127.83	4.82	ppb
Selenium	82-1	130.69	130.42	129.02	130.04	0.69	ppb
Silicon	28-1	144.73	143.22	145.12	144.36	0.69	ppb
Silver	109-1	134.06	135.69	134.77	134.84	0.61	ppb
Silver	107-1	135.42	136.86	134.60	135.63	0.85	ppb
Sodium	23-2	12862.20	12589.84	12664.57	12705.54	1.11	ppb
Strontium	86-1	125.24	126.09	124.98	125.43	0.46	ppb
Strontium	88-1	127.95	128.59	128.11	128.22	0.26	ppb
Sulfur	34-1	2467.24	2560.39	2545.33	2524.32	1.98	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	124.12	123.02	125.14	124.09	0.86	ppb
Thallium	205-1	127.43	127.97	126.95	127.45	0.40	ppb
Tin	118-1	130.12	130.76	129.18	130.02	0.61	ppb
Titanium	47-1	628.82	628.09	627.56	628.16	0.10	ppb
Uranium	238-1	122.90	125.46	125.09	124.48	1.11	ppb
Vanadium	51-2	127.91	122.99	124.80	125.23	1.99	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	256.12	254.24	249.77	253.38	1.29	ppb
Zirconium	90-1	125.54	126.63	126.22	126.13	0.44	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:13:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.27	123.85	122.32	122.81	0.73	ppb

LB Number : LB93878 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-13 14:16:52 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5196.95	4961.02	4997.71	5051.89	2.51	ppb
Antimony	121-1	259.07	262.69	258.90	260.22	0.82	ppb
Arsenic	75-2	250.47	250.41	247.68	249.52	0.64	ppb
Barium	135-1	1307.96	1303.03	1303.63	1304.87	0.21	ppb
Barium	137-1	1290.41	1304.52	1290.97	1295.30	0.62	ppb
Beryllium	9-1	261.41	256.85	260.53	259.60	0.93	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	248.75	244.30	251.44	248.16	1.45	ppb
Boron	11-1	245.71	249.63	256.51	250.62	2.18	ppb
Cadmium	111-1	261.30	261.25	262.46	261.67	0.26	ppb
Cadmium	106-1	264.36	264.99	258.14	262.49	1.44	ppb
Cadmium	108-1	262.09	267.82	260.08	263.33	1.53	ppb
Calcium	43-1	25005.94	25253.27	24862.30	25040.50	0.79	ppb
Calcium	44-1	24889.63	25292.37	24735.00	24972.33	1.15	ppb
Chromium	52-2	254.27	247.61	250.25	250.71	1.34	ppb
Cobalt	59-2	254.40	248.94	250.42	251.25	1.12	ppb
Copper	63-2	504.02	496.78	497.76	499.52	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				88		%
Iron	56-2	13117.32	12808.62	13054.76	12993.57	1.26	ppb
Iron	57-2	12921.97	12674.34	12640.32	12745.54	1.21	ppb
Lead	206-1	245.12	246.43	246.01	245.85	0.27	ppb
Lead	207-1	245.21	244.83	243.41	244.48	0.39	ppb
Lead	208-1	248.82	249.77	248.70	249.10	0.24	ppb
Lithium	6-1				92		%
Magnesium	24-2	26188.04	25498.13	25769.27	25818.48	1.35	ppb
Manganese	55-2	509.04	495.64	498.54	501.07	1.41	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:16:52	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1269.29	1284.68	1272.39	1275.45	0.64	ppb
Molybdenum	95-1	1270.77	1257.74	1280.61	1269.71	0.90	ppb
Molybdenum	96-1	1249.06	1279.56	1274.37	1267.67	1.29	ppb
Molybdenum	97-1	1274.49	1283.22	1277.47	1278.39	0.35	ppb
Molybdenum	98-1	1263.98	1264.46	1262.84	1263.76	0.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.11	248.75	252.07	251.98	1.26	ppb
Phosphorus	31-2	5308.59	5381.31	4989.62	5226.51	3.99	ppb
Potassium	39-2	12914.01	12601.97	12580.28	12698.75	1.47	ppb
Rhodium	103-1				93		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				81		%
Selenium	77-2	236.77	179.04	348.65	254.82	33.84	ppb
Selenium	78-2	233.17	266.31	254.29	251.26	6.68	ppb
Selenium	82-1	255.37	258.33	257.97	257.22	0.63	ppb
Silicon	28-1	276.15	279.76	279.03	278.31	0.69	ppb
Silver	109-1	267.47	269.76	266.45	267.90	0.63	ppb
Silver	107-1	267.85	269.76	266.42	268.01	0.63	ppb
Sodium	23-2	25580.76	24825.19	25062.60	25156.18	1.54	ppb
Strontium	86-1	250.79	252.12	249.86	250.93	0.45	ppb
Strontium	88-1	257.85	255.65	255.47	256.33	0.52	ppb
Sulfur	34-1	5048.04	5177.92	4920.87	5048.94	2.55	ppb
Terbium	159-1				100		%
Terbium	159-2				92		%
Thallium	203-1	254.05	250.75	249.24	251.35	0.98	ppb
Thallium	205-1	254.01	252.93	251.98	252.98	0.40	ppb
Tin	118-1	257.21	256.97	255.49	256.56	0.36	ppb
Titanium	47-1	1253.46	1264.02	1242.49	1253.32	0.86	ppb
Uranium	238-1	245.95	247.56	247.77	247.09	0.40	ppb
Vanadium	51-2	251.98	246.86	247.04	248.63	1.17	ppb
Yttrium	89-1				94		%
Yttrium	89-2				86		%
Zinc	66-2	505.12	497.32	507.02	503.15	1.02	ppb
Zirconium	90-1	258.08	257.41	253.70	256.40	0.92	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:16:52	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	247.14	247.27	249.63	248.01	0.57	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:20:27	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11679.40	10071.09	10199.99	10650.16	8.39	ppb
Antimony	121-1	506.19	510.50	509.34	508.68	0.44	ppb
Arsenic	75-2	573.19	496.58	484.23	518.00	9.30	ppb
Barium	135-1	2546.99	2508.29	2509.01	2521.43	0.88	ppb
Barium	137-1	2518.31	2506.13	2494.26	2506.23	0.48	ppb
Beryllium	9-1	503.59	501.01	500.35	501.65	0.34	ppb
Bismuth	209-1				100		%
Bismuth	209-2				90		%
Boron	10-1	492.45	485.48	504.71	494.21	1.97	ppb
Boron	11-1	485.12	497.90	498.22	493.75	1.51	ppb
Cadmium	111-1	510.77	505.09	506.69	507.52	0.58	ppb
Cadmium	106-1	511.06	500.83	501.63	504.51	1.13	ppb
Cadmium	108-1	510.26	515.12	503.22	509.53	1.17	ppb
Calcium	43-1	50360.98	49752.96	49734.81	49949.59	0.71	ppb
Calcium	44-1	50378.03	49726.70	49207.91	49770.88	1.18	ppb
Chromium	52-2	586.80	501.70	501.53	530.01	9.28	ppb
Cobalt	59-2	588.81	501.04	508.08	532.65	9.16	ppb
Copper	63-2	1173.45	1003.87	1007.75	1061.69	9.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				89		%
Indium	115-1				91		%
Indium	115-2				78		%
Iron	56-2	30252.39	25437.85	26032.27	27240.84	9.64	ppb
Iron	57-2	29678.48	25611.06	25579.35	26956.30	8.75	ppb
Lead	206-1	505.04	503.62	505.12	504.59	0.17	ppb
Lead	207-1	506.29	500.46	501.84	502.86	0.61	ppb
Lead	208-1	501.61	500.86	502.26	501.57	0.14	ppb
Lithium	6-1				87		%
Magnesium	24-2	59889.15	51295.95	51820.78	54335.30	8.87	ppb
Manganese	55-2	1185.20	992.25	1011.65	1063.03	9.99	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:20:27	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2493.02	2511.11	2503.54	2502.56	0.36	ppb
Molybdenum	95-1	2514.42	2500.36	2503.31	2506.03	0.30	ppb
Molybdenum	96-1	2473.81	2499.34	2495.41	2489.52	0.55	ppb
Molybdenum	97-1	2498.54	2545.24	2513.51	2519.10	0.95	ppb
Molybdenum	98-1	2489.80	2524.36	2519.25	2511.13	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	588.97	508.89	512.77	536.88	8.41	ppb
Phosphorus	31-2	13541.12	9514.16	10113.94	11056.41	19.65	ppb
Potassium	39-2	29177.48	24614.37	24863.64	26218.50	9.79	ppb
Rhodium	103-1				89		%
Rhodium	103-2				79		%
Scandium	45-1				83		%
Scandium	45-2				69		%
Selenium	77-2	593.84	510.50	458.23	520.86	13.13	ppb
Selenium	78-2	555.21	523.48	476.39	518.36	7.65	ppb
Selenium	82-1	502.96	510.90	503.19	505.68	0.89	ppb
Silicon	28-1	531.60	534.28	531.82	532.57	0.28	ppb
Silver	109-1	513.27	515.10	513.42	513.93	0.20	ppb
Silver	107-1	515.09	513.97	509.89	512.98	0.53	ppb
Sodium	23-2	59557.16	50702.31	51561.81	53940.42	9.05	ppb
Strontium	86-1	497.88	501.21	499.33	499.47	0.33	ppb
Strontium	88-1	498.12	501.35	498.65	499.37	0.35	ppb
Sulfur	34-1	9916.60	9783.58	9602.94	9767.71	1.61	ppb
Terbium	159-1				99		%
Terbium	159-2				86		%
Thallium	203-1	503.38	507.01	497.88	502.76	0.91	ppb
Thallium	205-1	500.53	495.68	493.27	496.49	0.74	ppb
Tin	118-1	504.13	510.17	512.65	508.98	0.86	ppb
Titanium	47-1	2574.68	2552.06	2548.84	2558.53	0.55	ppb
Uranium	238-1	490.90	494.17	491.77	492.28	0.34	ppb
Vanadium	51-2	584.68	493.41	502.36	526.82	9.55	ppb
Yttrium	89-1				89		%
Yttrium	89-2				76		%
Zinc	66-2	1177.60	1005.88	1023.17	1068.88	8.85	ppb
Zirconium	90-1	503.26	505.54	501.99	503.60	0.36	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:20:27	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.34	497.50	493.94	494.59	0.53	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:23:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19833.25	19407.12	19601.89	19614.09	1.09	ppb
Antimony	121-1	989.64	990.11	997.55	992.43	0.45	ppb
Arsenic	75-2	981.72	1001.76	988.75	990.74	1.03	ppb
Barium	135-1	4978.06	4942.21	4994.83	4971.70	0.54	ppb
Barium	137-1	4973.13	4963.00	5006.89	4981.00	0.46	ppb
Beryllium	9-1	999.91	990.65	995.68	995.41	0.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	982.89	993.96	1033.19	1003.35	2.63	ppb
Boron	11-1	980.82	1005.96	1022.30	1003.03	2.08	ppb
Cadmium	111-1	993.43	993.33	989.24	992.00	0.24	ppb
Cadmium	106-1	985.70	994.28	998.60	992.86	0.66	ppb
Cadmium	108-1	980.65	984.28	1005.95	990.30	1.38	ppb
Calcium	43-1	100228.15	100692.32	101180.98	100700.48	0.47	ppb
Calcium	44-1	98869.04	98204.56	100153.59	99075.73	1.00	ppb
Chromium	52-2	990.94	972.90	989.72	984.52	1.02	ppb
Cobalt	59-2	997.31	971.17	981.22	983.23	1.34	ppb
Copper	63-2	1994.01	1930.51	1982.81	1969.11	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				81		%
Iron	56-2	51568.33	50406.95	50542.04	50839.11	1.25	ppb
Iron	57-2	50761.72	49716.67	50007.87	50162.08	1.08	ppb
Lead	206-1	991.65	997.47	1007.64	998.92	0.81	ppb
Lead	207-1	994.40	1003.66	1002.68	1000.25	0.51	ppb
Lead	208-1	991.68	1002.25	1004.44	999.46	0.68	ppb
Lithium	6-1				84		%
Magnesium	24-2	104574.46	101997.48	103703.79	103425.24	1.27	ppb
Manganese	55-2	1989.10	1942.42	1970.37	1967.29	1.19	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:23:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5007.81	4996.44	4968.69	4990.98	0.40	ppb
Molybdenum	95-1	5014.60	5003.59	4954.20	4990.80	0.64	ppb
Molybdenum	96-1	4997.83	5015.23	4986.17	4999.74	0.29	ppb
Molybdenum	97-1	5008.52	4991.74	4952.10	4984.12	0.58	ppb
Molybdenum	98-1	4992.63	4995.28	4984.01	4990.64	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.65	965.81	982.85	980.77	1.43	ppb
Phosphorus	31-2	19738.97	19396.66	19040.97	19392.20	1.80	ppb
Potassium	39-2	49416.44	48228.33	48783.93	48809.57	1.22	ppb
Rhodium	103-1				85		%
Rhodium	103-2				82		%
Scandium	45-1				81		%
Scandium	45-2				74		%
Selenium	77-2	1171.15	991.98	800.81	987.98	18.75	ppb
Selenium	78-2	975.36	988.95	1006.34	990.22	1.57	ppb
Selenium	82-1	995.10	993.84	994.96	994.63	0.07	ppb
Silicon	28-1	974.73	961.92	984.30	973.65	1.15	ppb
Silver	109-1	989.58	982.53	989.02	987.04	0.40	ppb
Silver	107-1	987.56	989.71	984.86	987.38	0.25	ppb
Sodium	23-2	100744.54	97331.16	98937.24	99004.31	1.72	ppb
Strontium	86-1	998.76	1002.63	998.35	999.91	0.24	ppb
Strontium	88-1	999.76	995.96	999.11	998.28	0.20	ppb
Sulfur	34-1	20184.84	19827.57	20270.69	20094.37	1.17	ppb
Terbium	159-1				98		%
Terbium	159-2				91		%
Thallium	203-1	991.57	1008.33	995.32	998.41	0.88	ppb
Thallium	205-1	994.55	1011.47	996.03	1000.68	0.94	ppb
Tin	118-1	995.77	983.14	1000.35	993.09	0.90	ppb
Titanium	47-1	4976.83	4946.12	4984.31	4969.09	0.41	ppb
Uranium	238-1	999.29	997.22	1017.74	1004.75	1.12	ppb
Vanadium	51-2	996.78	976.41	987.65	986.95	1.03	ppb
Yttrium	89-1				88		%
Yttrium	89-2				80		%
Zinc	66-2	1989.53	1947.77	1955.39	1964.23	1.13	ppb
Zirconium	90-1	995.43	1000.85	993.03	996.43	0.40	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:23:57	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	997.54	1007.30	1005.68	1003.51	0.52	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:27:26	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99164.59	100264.91	100594.89	100008.13	0.75	ppb
Antimony	121-1	3.14	3.36	3.67	3.39	7.82	ppb
Arsenic	75-2	1.76	1.60	1.50	1.62	8.17	ppb
Barium	135-1	1.57	1.64	1.65	1.62	2.61	ppb
Barium	137-1	1.72	1.67	1.56	1.65	4.91	ppb
Beryllium	9-1	0.65	0.60	0.59	0.61	5.51	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	45.83	38.84	38.73	41.13	9.89	ppb
Boron	11-1	47.03	41.67	40.17	42.96	8.40	ppb
Cadmium	111-1	0.13	0.15	0.26	0.18	39.88	ppb
Cadmium	106-1	-0.81	-1.44	0.81	-0.48		ppb
Cadmium	108-1	0.22	0.34	0.22	0.26	26.50	ppb
Calcium	43-1	498841.41	499382.94	501370.97	499865.11	0.27	ppb
Calcium	44-1	499136.07	499035.22	502446.99	500206.09	0.39	ppb
Chromium	52-2	44.56	43.40	44.55	44.17	1.51	ppb
Cobalt	59-2	12.19	12.46	12.57	12.41	1.59	ppb
Copper	63-2	3.87	3.95	4.03	3.95	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				86		%
Iron	56-2	248360.58	248891.68	251470.23	249574.16	0.67	ppb
Iron	57-2	248787.35	250913.85	249561.18	249754.13	0.43	ppb
Lead	206-1	1.93	1.97	1.99	1.96	1.46	ppb
Lead	207-1	1.86	1.87	1.83	1.85	0.99	ppb
Lead	208-1	1.89	1.93	1.93	1.92	1.30	ppb
Lithium	6-1				88		%
Magnesium	24-2	498482.97	497830.01	500163.08	498825.35	0.24	ppb
Manganese	55-2	9.18	9.33	9.65	9.39	2.57	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:27:26	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.82	6.73	6.89	6.81	1.18	ppb
Molybdenum	95-1	8.90	9.40	9.44	9.25	3.26	ppb
Molybdenum	96-1	9.18	9.75	9.68	9.54	3.24	ppb
Molybdenum	97-1	8.59	9.22	9.42	9.08	4.79	ppb
Molybdenum	98-1	8.87	9.06	9.48	9.14	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.62	33.62	37.29	35.18	5.39	ppb
Phosphorus	31-2	90.64	-20.39	16.92	29.06	194.43	ppb
Potassium	39-2	249918.90	248094.40	252288.79	250100.70	0.84	ppb
Rhodium	103-1				87		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				80		%
Selenium	77-2	-7.00	-7.00	-7.00	-7.00		ppb
Selenium	78-2	-0.94	-2.27	-0.94	-1.39		ppb
Selenium	82-1	1.12	1.11	0.70	0.98	24.48	ppb
Silicon	28-1	18.75	18.45	19.74	18.98	3.57	ppb
Silver	109-1	0.12	0.16	0.12	0.13	15.53	ppb
Silver	107-1	0.13	0.12	0.12	0.12	4.76	ppb
Sodium	23-2	499262.49	499654.54	500458.94	499791.99	0.12	ppb
Strontium	86-1	34.34	34.60	34.02	34.32	0.84	ppb
Strontium	88-1	34.12	34.07	34.43	34.21	0.58	ppb
Sulfur	34-1	-564.81	-455.51	-453.61	-491.31		ppb
Terbium	159-1				101		%
Terbium	159-2				92		%
Thallium	203-1	0.68	0.57	0.55	0.60	11.29	ppb
Thallium	205-1	0.60	0.60	0.58	0.59	1.89	ppb
Tin	118-1	1.64	1.64	1.74	1.68	3.55	ppb
Titanium	47-1	1.39	1.67	1.31	1.46	12.91	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	0.49	ppb
Vanadium	51-2	0.38	0.36	0.36	0.37	3.43	ppb
Yttrium	89-1				92		%
Yttrium	89-2				86		%
Zinc	66-2	11.63	11.84	11.53	11.67	1.35	ppb
Zirconium	90-1	0.22	0.27	0.20	0.23	16.80	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:27:26	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.27	0.20	0.24	15.66	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:49:35	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	517.43	510.48	527.52	518.48	1.65	ppb
Antimony	121-1	200.28	201.70	203.57	201.85	0.82	ppb
Arsenic	75-2	201.05	195.85	201.83	199.58	1.63	ppb
Barium	135-1	99.50	101.32	100.65	100.49	0.91	ppb
Barium	137-1	101.18	100.96	101.50	101.21	0.27	ppb
Beryllium	9-1	99.82	101.11	98.39	99.77	1.37	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	580.55	584.06	567.89	577.50	1.47	ppb
Boron	11-1	569.46	575.76	568.72	571.31	0.68	ppb
Cadmium	111-1	105.31	108.33	106.93	106.86	1.41	ppb
Cadmium	106-1	168.25	172.55	164.59	168.46	2.37	ppb
Cadmium	108-1	138.25	139.21	138.86	138.77	0.35	ppb
Calcium	43-1	2032.21	2020.81	2109.72	2054.25	2.36	ppb
Calcium	44-1	2012.73	2005.65	2040.11	2019.50	0.90	ppb
Chromium	52-2	95.61	94.86	94.12	94.86	0.78	ppb
Cobalt	59-2	98.09	96.15	97.50	97.25	1.03	ppb
Copper	63-2	95.90	96.25	96.07	96.07	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	1009.09	994.80	999.01	1000.96	0.73	ppb
Iron	57-2	946.76	1025.16	1015.76	995.89	4.30	ppb
Lead	206-1	193.57	193.81	192.91	193.43	0.24	ppb
Lead	207-1	185.35	186.30	185.68	185.77	0.26	ppb
Lead	208-1	194.75	195.98	193.92	194.88	0.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	1220.75	1173.65	1175.07	1189.82	2.25	ppb
Manganese	55-2	97.49	95.94	96.95	96.79	0.81	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:49:35	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1131.65	1129.40	1142.37	1134.47	0.61	ppb
Molybdenum	95-1	509.65	513.66	510.00	511.10	0.43	ppb
Molybdenum	96-1	585.41	590.21	586.03	587.22	0.44	ppb
Molybdenum	97-1	495.13	496.14	501.94	497.73	0.74	ppb
Molybdenum	98-1	510.70	506.61	513.97	510.43	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.80	97.26	98.68	97.91	0.73	ppb
Phosphorus	31-2	12.95	-20.39	12.89	1.82	1059.05	ppb
Potassium	39-2	1976.74	1897.10	1929.55	1934.46	2.07	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	77-2	244.87	195.74	241.19	227.26	12.04	ppb
Selenium	78-2	214.77	214.07	222.99	217.27	2.28	ppb
Selenium	82-1	199.73	201.90	206.52	202.72	1.71	ppb
Silicon	28-1	444.33	445.38	450.61	446.77	0.75	ppb
Silver	109-1	103.55	104.39	104.37	104.10	0.46	ppb
Silver	107-1	103.55	105.00	105.03	104.53	0.81	ppb
Sodium	23-2	1950.03	1912.17	1934.61	1932.27	0.99	ppb
Strontium	86-1	494.95	498.55	502.63	498.71	0.77	ppb
Strontium	88-1	500.25	503.42	505.60	503.09	0.53	ppb
Sulfur	34-1	-707.37	-710.93	-550.47	-656.26		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	197.59	197.44	197.45	197.49	0.04	ppb
Thallium	205-1	206.33	203.67	204.29	204.76	0.68	ppb
Tin	118-1	524.18	525.14	530.29	526.54	0.62	ppb
Titanium	47-1	500.95	501.50	501.94	501.46	0.10	ppb
Uranium	238-1	511.39	508.39	510.41	510.06	0.30	ppb
Vanadium	51-2	96.29	94.19	96.77	95.75	1.43	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	196.75	195.77	196.18	196.23	0.25	ppb
Zirconium	90-1	502.92	499.84	505.11	502.62	0.53	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:49:35	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	489.22	492.22	495.20	492.21	0.61	ppb

LB Number : LB93878 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-03-13 14:53:06 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.32	0.89	3.20	0.92	244.52	ppb
Antimony	121-1	0.75	0.81	0.93	0.83	11.13	ppb
Arsenic	75-2	0.04	0.17	0.07	0.09	76.62	ppb
Barium	135-1	-0.01	0.01	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.12	0.15	0.18	0.15	19.87	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	11.28	10.97	8.68	10.31	13.78	ppb
Boron	11-1	11.61	10.33	9.44	10.46	10.43	ppb
Cadmium	111-1	-0.03	-0.02	-0.07	-0.04		ppb
Cadmium	106-1	-0.89	-0.61	-0.88	-0.79		ppb
Cadmium	108-1	-0.05	-0.09	-0.01	-0.05		ppb
Calcium	43-1	-9.63	-14.05	-21.09	-14.92		ppb
Calcium	44-1	-4.85	-2.71	-4.28	-3.95		ppb
Chromium	52-2	0.18	0.01	0.00	0.06	161.53	ppb
Cobalt	59-2	0.01	0.01	-0.01	0.00	1164.07	ppb
Copper	63-2	0.03	0.01	0.06	0.03	69.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	1.06	1.05	0.93	1.01	7.25	ppb
Iron	57-2	-0.63	2.39	2.53	1.43	124.73	ppb
Lead	206-1	0.03	0.02	0.03	0.03	16.97	ppb
Lead	207-1	0.02	0.05	0.03	0.03	43.34	ppb
Lead	208-1	0.03	0.03	0.04	0.03	6.70	ppb
Lithium	6-1				99		%
Magnesium	24-2	-1.34	2.25	1.11	0.67	273.50	ppb
Manganese	55-2	-0.03	-0.05	0.02	-0.02		ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:53:06	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.38	0.47	0.45	0.43	11.26	ppb
Molybdenum	95-1	0.42	0.58	0.68	0.56	23.27	ppb
Molybdenum	96-1	0.40	0.58	0.65	0.54	23.83	ppb
Molybdenum	97-1	0.45	0.63	0.57	0.55	16.67	ppb
Molybdenum	98-1	0.42	0.57	0.66	0.55	22.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.14	-0.13	-0.11		ppb
Phosphorus	31-2	-20.39	-20.39	116.19	25.14	313.67	ppb
Potassium	39-2	-8.68	4.34	-8.46	-4.27		ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	-7.00	0.49	-7.00	-4.50		ppb
Selenium	78-2	-2.27	-1.05	-1.05	-1.46		ppb
Selenium	82-1	-0.05	-1.00	-0.10	-0.39		ppb
Silicon	28-1	-10.53	-11.99	-9.82	-10.78		ppb
Silver	109-1	0.01	0.01	0.00	0.01	55.43	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.89	ppb
Sodium	23-2	38.65	26.89	43.07	36.20	23.10	ppb
Strontium	86-1	0.03	-0.04	-0.04	-0.02		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	28.89	ppb
Sulfur	34-1	-661.49	-622.46	-511.01	-598.32		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.08	0.08	0.05	0.07	25.84	ppb
Thallium	205-1	0.06	0.07	0.08	0.07	13.77	ppb
Tin	118-1	0.36	0.40	0.42	0.39	8.34	ppb
Titanium	47-1	0.03	-0.03	0.03	0.01	294.71	ppb
Uranium	238-1	0.02	0.02	0.03	0.03	18.22	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	126.77	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	0.28	0.13	0.11	0.18	53.08	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	17.88	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:53:06	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.01	0.02	62.76	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:56:28	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93402.27	91128.80	91043.98	91858.35	1.46	ppb
Antimony	121-1	1.37	1.45	1.58	1.47	7.31	ppb
Arsenic	75-2	0.59	0.46	0.26	0.44	37.30	ppb
Barium	135-1	1.45	1.31	1.57	1.44	9.03	ppb
Barium	137-1	1.61	1.44	1.56	1.54	5.55	ppb
Beryllium	9-1	0.22	0.37	0.42	0.34	30.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	8.42	7.36	8.18	7.98	6.98	ppb
Boron	11-1	8.26	7.84	7.63	7.91	4.08	ppb
Cadmium	111-1	0.16	0.30	0.28	0.25	29.14	ppb
Cadmium	106-1	-0.92	-1.18	-0.37	-0.82		ppb
Cadmium	108-1	8.01	7.27	8.16	7.81	6.15	ppb
Calcium	43-1	99300.60	99943.51	99247.36	99497.16	0.39	ppb
Calcium	44-1	98246.98	98510.09	98502.20	98419.75	0.15	ppb
Chromium	52-2	21.07	20.04	20.40	20.51	2.55	ppb
Cobalt	59-2	1.18	1.19	1.17	1.18	0.98	ppb
Copper	63-2	7.67	7.52	7.59	7.60	1.01	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				105		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				90		%
Iron	56-2	102171.94	99394.78	100228.91	100598.54	1.42	ppb
Iron	57-2	100512.37	97597.66	99563.36	99224.47	1.50	ppb
Lead	206-1	4.84	4.85	4.77	4.82	0.91	ppb
Lead	207-1	4.16	4.17	4.09	4.14	1.10	ppb
Lead	208-1	4.46	4.45	4.42	4.44	0.40	ppb
Lithium	6-1				93		%
Magnesium	24-2	103020.88	99423.45	101815.32	101419.88	1.81	ppb
Manganese	55-2	7.90	8.17	7.70	7.92	2.98	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:56:28	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1367.02	1366.34	1357.44	1363.60	0.39	ppb
Molybdenum	95-1	1947.72	1920.39	1923.95	1930.68	0.77	ppb
Molybdenum	96-1	1865.26	1852.49	1863.73	1860.49	0.37	ppb
Molybdenum	97-1	1970.33	1938.33	1950.86	1953.17	0.83	ppb
Molybdenum	98-1	1955.02	1910.59	1913.23	1926.28	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.81	5.94	5.97	5.91	1.50	ppb
Phosphorus	31-2	102850.61	98329.39	97887.32	99689.10	2.76	ppb
Potassium	39-2	99202.53	97048.03	99072.64	98441.07	1.23	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				84		%
Selenium	77-2	-7.00	-7.00	-7.00	-7.00		ppb
Selenium	78-2	-1.02	0.27	0.28	-0.16		ppb
Selenium	82-1	-0.39	0.56	-0.67	-0.16		ppb
Silicon	28-1	23.17	24.05	24.16	23.79	2.27	ppb
Silver	109-1	0.05	0.08	0.06	0.06	17.20	ppb
Silver	107-1	0.06	0.08	0.08	0.07	17.22	ppb
Sodium	23-2	97939.57	96733.84	97195.95	97289.79	0.63	ppb
Strontium	86-1	33.54	32.78	33.88	33.40	1.69	ppb
Strontium	88-1	33.84	33.38	33.69	33.64	0.71	ppb
Sulfur	34-1	42190.73	41473.05	41783.37	41815.72	0.86	ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	0.19	0.21	0.17	0.19	10.85	ppb
Thallium	205-1	0.18	0.20	0.19	0.19	6.28	ppb
Tin	118-1	0.41	0.45	0.40	0.42	6.38	ppb
Titanium	47-1	2007.94	2009.88	2033.88	2017.23	0.72	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	11.32	ppb
Vanadium	51-2	0.15	0.21	0.18	0.18	16.55	ppb
Yttrium	89-1				98		%
Yttrium	89-2				90		%
Zinc	66-2	12.09	11.25	11.73	11.69	3.59	ppb
Zirconium	90-1	0.24	0.25	0.25	0.25	3.03	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:56:28	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.24	0.35	0.29	19.23	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:59:46	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89696.47	91227.76	88881.98	89935.41	1.32	ppb
Antimony	121-1	20.97	21.33	21.47	21.26	1.21	ppb
Arsenic	75-2	18.13	18.05	19.47	18.55	4.30	ppb
Barium	135-1	21.92	21.45	22.39	21.92	2.16	ppb
Barium	137-1	22.54	21.29	22.07	21.97	2.87	ppb
Beryllium	9-1	21.05	21.49	20.66	21.07	1.97	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	69.87	65.57	67.09	67.51	3.23	ppb
Boron	11-1	63.86	62.48	64.93	63.76	1.93	ppb
Cadmium	111-1	20.19	21.00	20.61	20.60	1.96	ppb
Cadmium	106-1	23.60	23.81	23.65	23.69	0.46	ppb
Cadmium	108-1	28.38	28.88	29.04	28.77	1.21	ppb
Calcium	43-1	99405.51	99043.88	99525.93	99325.11	0.25	ppb
Calcium	44-1	97653.56	98054.89	97325.51	97677.99	0.37	ppb
Chromium	52-2	40.11	40.06	39.67	39.95	0.60	ppb
Cobalt	59-2	20.48	20.88	20.75	20.70	0.98	ppb
Copper	63-2	26.94	27.64	26.56	27.05	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				88		%
Iron	56-2	98416.17	99612.17	97403.58	98477.31	1.12	ppb
Iron	57-2	97621.01	98695.84	96456.81	97591.22	1.15	ppb
Lead	206-1	24.81	24.71	24.88	24.80	0.35	ppb
Lead	207-1	22.94	22.55	22.71	22.73	0.87	ppb
Lead	208-1	24.04	23.87	23.97	23.96	0.36	ppb
Lithium	6-1				91		%
Magnesium	24-2	99226.94	99644.47	100020.05	99630.48	0.40	ppb
Manganese	55-2	27.93	27.29	27.68	27.63	1.17	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:59:46	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1468.71	1470.10	1473.09	1470.63	0.15	ppb
Molybdenum	95-1	1979.76	1985.65	1966.73	1977.38	0.49	ppb
Molybdenum	96-1	1905.24	1923.11	1895.24	1907.86	0.74	ppb
Molybdenum	97-1	1997.39	1994.96	1970.67	1987.67	0.74	ppb
Molybdenum	98-1	1945.99	1994.68	1964.08	1968.25	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.14	24.41	24.90	24.82	1.52	ppb
Phosphorus	31-2	99491.10	95764.10	94003.50	96419.57	2.91	ppb
Potassium	39-2	96263.35	97121.30	95000.55	96128.40	1.11	ppb
Rhodium	103-1				93		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				81		%
Selenium	77-2	9.04	9.22	9.28	9.18	1.38	ppb
Selenium	78-2	31.64	13.56	26.86	24.02	39.01	ppb
Selenium	82-1	20.68	19.01	19.06	19.58	4.86	ppb
Silicon	28-1	81.95	81.66	80.86	81.49	0.69	ppb
Silver	109-1	18.87	19.29	19.27	19.14	1.25	ppb
Silver	107-1	19.22	19.39	19.53	19.38	0.80	ppb
Sodium	23-2	96197.00	95859.73	93986.61	95347.78	1.25	ppb
Strontium	86-1	86.68	85.71	85.24	85.88	0.85	ppb
Strontium	88-1	87.22	87.67	87.79	87.56	0.34	ppb
Sulfur	34-1	41598.92	41314.09	41835.94	41582.98	0.63	ppb
Terbium	159-1				103		%
Terbium	159-2				93		%
Thallium	203-1	20.44	20.33	20.52	20.43	0.45	ppb
Thallium	205-1	20.70	20.49	20.51	20.57	0.58	ppb
Tin	118-1	53.02	52.48	52.22	52.57	0.77	ppb
Titanium	47-1	2051.01	2056.58	2065.16	2057.58	0.35	ppb
Uranium	238-1	51.79	51.72	52.08	51.86	0.37	ppb
Vanadium	51-2	19.73	19.37	18.56	19.22	3.13	ppb
Yttrium	89-1				95		%
Yttrium	89-2				86		%
Zinc	66-2	30.03	31.11	31.51	30.88	2.48	ppb
Zirconium	90-1	52.99	52.98	52.85	52.94	0.15	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:59:46	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.30	52.70	51.49	51.83	1.46	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:03:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48748.47	49322.47	48083.65	48718.20	1.27	ppb
Antimony	121-1	505.55	502.73	506.38	504.89	0.38	ppb
Arsenic	75-2	502.71	497.18	495.80	498.56	0.73	ppb
Barium	135-1	2549.47	2520.98	2563.38	2544.61	0.85	ppb
Barium	137-1	2553.38	2511.84	2545.01	2536.74	0.87	ppb
Beryllium	9-1	530.55	516.33	510.11	519.00	2.02	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	517.48	520.10	515.24	517.60	0.47	ppb
Boron	11-1	511.54	511.44	514.31	512.43	0.32	ppb
Cadmium	111-1	495.49	494.45	497.34	495.76	0.30	ppb
Cadmium	106-1	496.43	501.28	496.20	497.97	0.58	ppb
Cadmium	108-1	504.95	503.37	515.01	507.78	1.24	ppb
Calcium	43-1	243181.12	245404.06	247102.09	245229.09	0.80	ppb
Calcium	44-1	242301.60	244690.26	245273.79	244088.55	0.65	ppb
Chromium	52-2	498.15	503.64	499.03	500.27	0.59	ppb
Cobalt	59-2	474.65	480.37	475.80	476.94	0.63	ppb
Copper	63-2	922.80	933.95	926.27	927.68	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				87		%
Iron	56-2	119432.11	120801.33	119771.81	120001.75	0.59	ppb
Iron	57-2	119195.40	119728.73	118953.73	119292.62	0.33	ppb
Lead	206-1	507.14	513.82	508.41	509.79	0.70	ppb
Lead	207-1	503.53	520.49	512.07	512.03	1.66	ppb
Lead	208-1	506.11	511.60	510.56	509.42	0.57	ppb
Lithium	6-1				90		%
Magnesium	24-2	245771.94	248209.31	245673.80	246551.68	0.58	ppb
Manganese	55-2	969.89	992.44	971.30	977.88	1.29	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:03:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2521.23	2500.85	2542.89	2521.66	0.83	ppb
Molybdenum	95-1	2511.85	2501.85	2514.64	2509.45	0.27	ppb
Molybdenum	96-1	2516.33	2503.15	2514.51	2511.33	0.28	ppb
Molybdenum	97-1	2537.82	2515.97	2549.33	2534.38	0.67	ppb
Molybdenum	98-1	2505.64	2504.38	2525.35	2511.79	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.13	482.76	475.87	479.59	0.72	ppb
Phosphorus	31-2	9525.48	10465.48	10144.23	10045.06	4.76	ppb
Potassium	39-2	119870.44	122492.98	120125.60	120829.67	1.20	ppb
Rhodium	103-1				91		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				83		%
Selenium	77-2	363.89	388.29	505.84	419.34	18.10	ppb
Selenium	78-2	525.32	484.90	512.95	507.72	4.08	ppb
Selenium	82-1	504.59	498.40	498.02	500.34	0.74	ppb
Silicon	28-1	522.30	536.19	536.68	531.72	1.53	ppb
Silver	109-1	504.57	504.60	503.96	504.37	0.07	ppb
Silver	107-1	500.91	498.29	507.63	502.28	0.96	ppb
Sodium	23-2	240784.04	245292.64	242508.69	242861.79	0.94	ppb
Strontium	86-1	517.58	513.83	514.68	515.37	0.38	ppb
Strontium	88-1	516.47	513.18	515.20	514.95	0.32	ppb
Sulfur	34-1	9532.09	9679.73	9593.71	9601.84	0.77	ppb
Terbium	159-1				102		%
Terbium	159-2				94		%
Thallium	203-1	503.95	510.25	508.16	507.45	0.63	ppb
Thallium	205-1	501.77	504.16	507.72	504.55	0.59	ppb
Tin	118-1	508.99	505.03	514.18	509.40	0.90	ppb
Titanium	47-1	2492.23	2546.17	2514.85	2517.75	1.08	ppb
Uranium	238-1	509.63	511.67	509.80	510.36	0.22	ppb
Vanadium	51-2	484.07	488.29	487.88	486.75	0.48	ppb
Yttrium	89-1				94		%
Yttrium	89-2				87		%
Zinc	66-2	941.20	949.02	941.90	944.04	0.46	ppb
Zirconium	90-1	504.68	510.58	506.77	507.34	0.59	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:03:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.02	497.41	500.15	498.53	0.29	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:07:10	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.33	3.37	3.41	3.37	1.15	ppb
Antimony	121-1	0.92	1.08	1.19	1.06	12.73	ppb
Arsenic	75-2	0.12	0.21	0.04	0.13	67.42	ppb
Barium	135-1	-0.01	0.05	0.01	0.02	168.34	ppb
Barium	137-1	0.01	0.03	0.00	0.02	108.21	ppb
Beryllium	9-1	0.20	0.32	0.19	0.24	30.33	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	9.56	13.44	10.86	11.29	17.50	ppb
Boron	11-1	13.53	11.84	12.35	12.57	6.89	ppb
Cadmium	111-1	0.00	-0.09	-0.02	-0.04		ppb
Cadmium	106-1	-0.23	-2.04	-0.66	-0.98		ppb
Cadmium	108-1	0.09	-0.09	-0.05	-0.02		ppb
Calcium	43-1	-13.58	-19.53	-12.48	-15.20		ppb
Calcium	44-1	-0.43	-1.13	1.88	0.10	1525.89	ppb
Chromium	52-2	0.18	0.12	0.08	0.12	39.81	ppb
Cobalt	59-2	-0.01	0.00	0.02	0.00	336.89	ppb
Copper	63-2	0.07	0.07	0.06	0.07	11.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	6.68	6.48	7.27	6.81	6.02	ppb
Iron	57-2	2.69	5.98	6.70	5.12	41.80	ppb
Lead	206-1	0.11	0.07	0.07	0.08	26.69	ppb
Lead	207-1	0.07	0.08	0.09	0.08	7.12	ppb
Lead	208-1	0.08	0.07	0.08	0.08	8.11	ppb
Lithium	6-1				97		%
Magnesium	24-2	4.80	7.38	4.53	5.57	28.21	ppb
Manganese	55-2	0.02	0.00	0.07	0.03	109.74	ppb

LB Number : LB93878 Operator : Jaswal
 Lab Sample ID : CCB090 Instrumnet Name : P8
 Client Sample ID : CCB090 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-13 15:07:10 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.78	0.88	0.99	0.88	11.89	ppb
Molybdenum	95-1	1.02	1.35	1.41	1.26	16.93	ppb
Molybdenum	96-1	0.93	1.32	1.38	1.21	20.11	ppb
Molybdenum	97-1	1.08	1.18	1.47	1.24	16.32	ppb
Molybdenum	98-1	0.87	1.29	1.47	1.21	25.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.11	-0.06		ppb
Phosphorus	31-2	14.70	15.02	15.29	15.00	1.95	ppb
Potassium	39-2	6.11	32.99	10.95	16.68	85.87	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				84		%
Selenium	77-2	-7.00	-7.00	-7.00	-7.00		ppb
Selenium	78-2	-2.27	-2.27	0.29	-1.42		ppb
Selenium	82-1	-0.29	-0.02	0.03	-0.09		ppb
Silicon	28-1	-12.11	-10.54	-13.73	-12.13		ppb
Silver	109-1	0.03	0.05	0.03	0.04	25.59	ppb
Silver	107-1	0.04	0.02	0.04	0.03	33.01	ppb
Sodium	23-2	85.56	82.52	78.60	82.23	4.24	ppb
Strontium	86-1	0.01	-0.05	-0.06	-0.03		ppb
Strontium	88-1	0.00	0.01	0.00	0.01	76.70	ppb
Sulfur	34-1	-617.40	-596.39	-649.57	-621.12		ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	0.16	0.13	0.13	0.14	12.59	ppb
Thallium	205-1	0.16	0.12	0.14	0.14	14.26	ppb
Tin	118-1	0.12	0.22	0.21	0.18	28.44	ppb
Titanium	47-1	0.18	0.14	0.24	0.19	27.11	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.35	ppb
Vanadium	51-2	0.03	-0.01	0.02	0.01	139.52	ppb
Yttrium	89-1				98		%
Yttrium	89-2				89		%
Zinc	66-2	0.35	0.21	-0.01	0.19	98.13	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	51.32	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:07:10	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.03	0.02	57.40	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:10:33	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.29	8.15	29.04	18.16	57.66	ppb
Antimony	121-1	2.16	2.28	2.46	2.30	6.36	ppb
Arsenic	75-2	1.23	1.00	1.10	1.11	10.34	ppb
Barium	135-1	9.78	8.89	9.45	9.37	4.81	ppb
Barium	137-1	9.50	9.46	9.51	9.49	0.29	ppb
Beryllium	9-1	1.10	1.17	1.07	1.11	4.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	26.56	32.10	26.94	28.53	10.85	ppb
Boron	11-1	27.14	29.12	27.80	28.02	3.59	ppb
Cadmium	111-1	0.93	0.88	0.81	0.87	6.62	ppb
Cadmium	106-1	0.52	-1.32	-1.15	-0.65		ppb
Cadmium	108-1	0.81	0.76	1.17	0.91	25.03	ppb
Calcium	43-1	410.06	398.18	436.51	414.92	4.73	ppb
Calcium	44-1	449.83	447.50	448.81	448.71	0.26	ppb
Chromium	52-2	2.07	1.95	2.20	2.07	6.07	ppb
Cobalt	59-2	0.89	0.91	0.93	0.91	2.26	ppb
Copper	63-2	1.97	2.00	1.78	1.92	6.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	53.00	54.99	52.67	53.56	2.35	ppb
Iron	57-2	61.22	44.66	44.67	50.18	19.05	ppb
Lead	206-1	1.01	0.95	0.97	0.98	2.65	ppb
Lead	207-1	1.04	0.99	1.01	1.01	2.77	ppb
Lead	208-1	1.03	0.99	1.00	1.01	2.17	ppb
Lithium	6-1				97		%
Magnesium	24-2	461.08	477.57	469.16	469.27	1.76	ppb
Manganese	55-2	0.93	0.80	1.02	0.92	11.99	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:10:33	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.75	4.94	5.00	4.90	2.61	ppb
Molybdenum	95-1	4.71	5.08	5.01	4.93	3.95	ppb
Molybdenum	96-1	4.97	4.97	4.95	4.97	0.24	ppb
Molybdenum	97-1	4.62	4.87	5.29	4.93	6.91	ppb
Molybdenum	98-1	4.92	4.76	5.10	4.93	3.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.75	0.89	0.88	13.82	ppb
Phosphorus	31-2	-20.39	-20.39	-20.39	-20.39		ppb
Potassium	39-2	433.39	493.02	466.17	464.19	6.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				84		%
Selenium	77-2	0.76	-7.00	0.82	-1.81		ppb
Selenium	78-2	5.31	4.17	7.93	5.80	33.22	ppb
Selenium	82-1	4.84	4.61	4.18	4.54	7.40	ppb
Silicon	28-1	0.10	-1.31	1.69	0.16	950.62	ppb
Silver	109-1	1.04	0.95	1.02	1.00	4.48	ppb
Silver	107-1	0.99	1.06	1.00	1.02	3.63	ppb
Sodium	23-2	535.74	539.28	516.52	530.51	2.31	ppb
Strontium	86-1	0.95	0.92	0.78	0.88	10.13	ppb
Strontium	88-1	0.92	0.94	0.93	0.93	1.36	ppb
Sulfur	34-1	-566.71	-690.28	-520.66	-592.55		ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	1.00	1.04	1.01	1.02	2.10	ppb
Thallium	205-1	1.01	0.99	1.00	1.00	0.82	ppb
Tin	118-1	4.62	4.50	4.81	4.65	3.28	ppb
Titanium	47-1	4.48	4.83	4.52	4.61	4.20	ppb
Uranium	238-1	0.89	0.89	0.89	0.89	0.54	ppb
Vanadium	51-2	4.63	4.48	4.97	4.69	5.31	ppb
Yttrium	89-1				98		%
Yttrium	89-2				89		%
Zinc	66-2	1.76	2.33	2.25	2.11	14.56	ppb
Zirconium	90-1	0.94	0.98	0.99	0.97	2.62	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:10:33	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	1.04	1.04	1.02	4.55	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107275BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:13:54	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.48	-1.32	-1.32	0.28	979.60	ppb
Antimony	121-1	0.18	0.24	0.30	0.24	26.29	ppb
Arsenic	75-2	-0.04	-0.04	-0.01	-0.03		ppb
Barium	135-1	-0.02	-0.02	-0.01	-0.02		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.11	0.12	0.10	0.11	9.31	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	6.98	7.11	6.44	6.84	5.18	ppb
Boron	11-1	7.10	6.07	6.18	6.45	8.83	ppb
Cadmium	111-1	-0.10	-0.08	-0.07	-0.09		ppb
Cadmium	106-1	-1.63	-1.24	-1.13	-1.33		ppb
Cadmium	108-1	-0.09	-0.05	0.02	-0.04		ppb
Calcium	43-1	-18.27	-22.20	-12.09	-17.52		ppb
Calcium	44-1	-2.14	-3.22	-3.69	-3.02		ppb
Chromium	52-2	0.01	0.05	0.10	0.05	85.69	ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	0.01	0.00	0.04	0.02	130.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	3.64	2.69	3.13	3.15	15.09	ppb
Iron	57-2	2.87	0.11	2.90	1.96	81.59	ppb
Lead	206-1	0.04	0.05	0.02	0.04	36.63	ppb
Lead	207-1	0.03	0.03	0.04	0.03	6.45	ppb
Lead	208-1	0.04	0.04	0.04	0.04	6.84	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.21	2.36	5.30	2.62	97.27	ppb
Manganese	55-2	-0.07	-0.09	-0.02	-0.06		ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107275BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:13:54	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.20	0.33	0.23	40.18	ppb
Molybdenum	95-1	0.30	0.32	0.33	0.32	4.88	ppb
Molybdenum	96-1	0.21	0.27	0.41	0.30	34.38	ppb
Molybdenum	97-1	0.22	0.32	0.40	0.31	28.86	ppb
Molybdenum	98-1	0.19	0.33	0.38	0.30	31.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	0.00	-0.02		ppb
Phosphorus	31-2	15.83	-20.39	-20.39	-8.31		ppb
Potassium	39-2	10.11	5.10	21.05	12.09	67.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				83		%
Selenium	77-2	-7.00	-7.00	-7.00	-7.00		ppb
Selenium	78-2	-2.27	-2.27	-0.99	-1.84		ppb
Selenium	82-1	-0.13	-0.27	-0.68	-0.36		ppb
Silicon	28-1	-13.50	-14.20	-13.36	-13.69		ppb
Silver	109-1	0.01	0.02	0.01	0.01	59.00	ppb
Silver	107-1	0.01	0.01	0.02	0.02	55.06	ppb
Sodium	23-2	64.37	52.85	68.10	61.77	12.87	ppb
Strontium	86-1	0.01	-0.02	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	137.61	ppb
Sulfur	34-1	-599.74	-637.13	-466.20	-567.69		ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	0.06	0.07	0.07	0.07	9.34	ppb
Thallium	205-1	0.07	0.08	0.08	0.07	6.24	ppb
Tin	118-1	0.03	0.06	0.08	0.06	40.79	ppb
Titanium	47-1	-0.03	-0.03	-0.01	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	111.37	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	35.11	ppb
Yttrium	89-1				97		%
Yttrium	89-2				88		%
Zinc	66-2	-0.08	-0.05	0.27	0.05	417.37	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	15.83	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107275BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:13:54	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.02	0.01	83.68	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107275BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:17:17	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.14	44.08	39.40	44.87	13.18	ppb
Antimony	121-1	4.23	4.14	4.10	4.16	1.48	ppb
Arsenic	75-2	1.97	2.10	2.08	2.05	3.52	ppb
Barium	135-1	20.72	19.47	19.95	20.05	3.15	ppb
Barium	137-1	21.01	19.61	19.73	20.12	3.87	ppb
Beryllium	9-1	2.22	2.03	1.99	2.08	5.68	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	47.86	47.07	50.49	48.47	3.69	ppb
Boron	11-1	47.83	48.88	48.38	48.36	1.09	ppb
Cadmium	111-1	2.14	1.98	1.83	1.98	7.84	ppb
Cadmium	106-1	0.12	0.83	0.41	0.45	78.21	ppb
Cadmium	108-1	2.33	1.44	2.05	1.94	23.54	ppb
Calcium	43-1	1020.38	949.59	904.63	958.20	6.09	ppb
Calcium	44-1	999.53	938.23	927.39	955.05	4.07	ppb
Chromium	52-2	4.54	3.76	4.05	4.12	9.63	ppb
Cobalt	59-2	2.01	2.00	2.12	2.04	3.25	ppb
Copper	63-2	3.83	3.75	3.95	3.84	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	369.77	375.57	370.96	372.10	0.82	ppb
Iron	57-2	365.46	357.59	359.79	360.95	1.13	ppb
Lead	206-1	2.07	2.01	1.91	2.00	3.90	ppb
Lead	207-1	2.05	1.92	1.85	1.94	5.25	ppb
Lead	208-1	2.08	2.04	1.91	2.01	4.41	ppb
Lithium	6-1				93		%
Magnesium	24-2	1000.80	986.73	971.58	986.37	1.48	ppb
Manganese	55-2	2.07	2.17	2.13	2.12	2.35	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107275BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:17:17	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	10.62	9.90	9.93	10.15	4.04	ppb
Molybdenum	95-1	9.95	10.01	9.86	9.94	0.74	ppb
Molybdenum	96-1	10.24	9.80	9.71	9.92	2.86	ppb
Molybdenum	97-1	9.77	9.80	9.59	9.72	1.17	ppb
Molybdenum	98-1	10.08	9.65	9.70	9.81	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	2.14	1.92	2.02	5.36	ppb
Phosphorus	31-2	51.67	-20.39	-20.39	3.63	1144.98	ppb
Potassium	39-2	1013.23	917.10	986.16	972.16	5.10	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				83		%
Selenium	77-2	8.72	24.77	33.36	22.28	56.12	ppb
Selenium	78-2	10.52	6.78	2.98	6.76	55.73	ppb
Selenium	82-1	10.39	9.99	9.07	9.82	6.92	ppb
Silicon	28-1	24.42	19.53	15.26	19.74	23.23	ppb
Silver	109-1	2.17	2.02	1.97	2.05	5.28	ppb
Silver	107-1	2.16	2.07	2.03	2.09	3.08	ppb
Sodium	23-2	1049.57	1014.70	1007.28	1023.85	2.21	ppb
Strontium	86-1	1.91	2.00	1.77	1.89	6.13	ppb
Strontium	88-1	2.09	1.97	1.99	2.02	3.32	ppb
Sulfur	34-1	-65.87	-346.57	-410.02	-274.16		ppb
Terbium	159-1				100		%
Terbium	159-2				93		%
Thallium	203-1	2.08	2.05	2.00	2.04	1.93	ppb
Thallium	205-1	2.12	2.02	1.95	2.03	4.06	ppb
Tin	118-1	10.16	9.79	9.50	9.82	3.37	ppb
Titanium	47-1	11.05	10.03	9.64	10.24	7.09	ppb
Uranium	238-1	1.95	1.89	1.86	1.90	2.30	ppb
Vanadium	51-2	8.97	9.10	9.57	9.21	3.47	ppb
Yttrium	89-1				93		%
Yttrium	89-2				88		%
Zinc	66-2	4.17	5.55	3.96	4.56	18.90	ppb
Zirconium	90-1	2.14	2.06	2.05	2.08	2.23	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107275BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:17:17	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.11	2.07	1.96	2.05	3.82	ppb

LB Number : LB93878 Operator : Jaswal
 Lab Sample ID : PB107181BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-13 15:20:39 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.32	-1.32	3.52	0.30	943.21	ppb
Antimony	121-1	0.06	0.09	0.13	0.09	40.13	ppb
Arsenic	75-2	0.07	0.02	0.02	0.03	94.62	ppb
Barium	135-1	-0.01	-0.01	-0.03	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.10	0.02	0.10	0.07	59.15	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	6.54	5.09	5.04	5.56	15.33	ppb
Boron	11-1	6.39	6.03	5.28	5.90	9.64	ppb
Cadmium	111-1	-0.08	-0.07	-0.14	-0.10		ppb
Cadmium	106-1	-1.01	-1.11	-1.95	-1.35		ppb
Cadmium	108-1	0.06	0.02	0.10	0.06	61.48	ppb
Calcium	43-1	-19.60	-15.67	-23.32	-19.53		ppb
Calcium	44-1	-2.50	-1.43	-1.45	-1.79		ppb
Chromium	52-2	0.07	0.10	0.06	0.08	30.88	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	287.82	ppb
Copper	63-2	0.01	0.04	0.02	0.02	72.07	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				102		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	56-2	1.77	2.06	2.06	1.96	8.59	ppb
Iron	57-2	0.18	0.25	4.26	1.56	149.69	ppb
Lead	206-1	0.03	0.01	0.04	0.03	51.90	ppb
Lead	207-1	0.03	0.04	0.04	0.04	14.55	ppb
Lead	208-1	0.02	0.04	0.03	0.03	22.94	ppb
Lithium	6-1				95		%
Magnesium	24-2	4.08	6.87	5.86	5.60	25.24	ppb
Manganese	55-2	-0.02	-0.07	-0.04	-0.04		ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107181BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:20:39	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.08	0.12	0.07	66.26	ppb
Molybdenum	95-1	0.06	0.19	0.21	0.16	51.36	ppb
Molybdenum	96-1	0.11	0.18	0.20	0.16	30.42	ppb
Molybdenum	97-1	0.14	0.17	0.19	0.17	15.72	ppb
Molybdenum	98-1	0.11	0.15	0.21	0.16	30.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.25	-0.11	-0.22		ppb
Phosphorus	31-2	15.40	-20.39	-20.39	-8.46		ppb
Potassium	39-2	7.87	34.82	17.24	19.98	68.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				82		%
Selenium	77-2	-7.00	-7.00	-7.00	-7.00		ppb
Selenium	78-2	-0.99	-0.97	-2.27	-1.41		ppb
Selenium	82-1	0.18	-0.56	-0.60	-0.33		ppb
Silicon	28-1	-13.97	-13.01	-12.04	-13.00		ppb
Silver	109-1	0.01	0.00	0.00	0.00	129.05	ppb
Silver	107-1	0.01	0.01	0.00	0.01	52.14	ppb
Sodium	23-2	56.08	45.61	62.86	54.85	15.84	ppb
Strontium	86-1	-0.01	-0.01	0.01	0.00		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	149.71	ppb
Sulfur	34-1	-525.55	-280.05	-407.82	-404.48		ppb
Terbium	159-1				102		%
Terbium	159-2				93		%
Thallium	203-1	0.05	0.04	0.06	0.05	14.03	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	9.39	ppb
Tin	118-1	0.02	0.00	0.03	0.02	84.64	ppb
Titanium	47-1	0.07	0.02	0.07	0.05	61.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.00	0.00	0.01	135.48	ppb
Yttrium	89-1				95		%
Yttrium	89-2				88		%
Zinc	66-2	0.45	0.04	0.35	0.28	75.40	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	117.38	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107181BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:20:39	DataFile Name :	021CCBE.d

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

LB Number : LB93878 Operator : Jaswal
 Lab Sample ID : PB107181BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-13 15:24:02 DataFile Name : 022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.16	58.79	43.12	51.02	15.36	ppb
Antimony	121-1	3.98	3.76	3.99	3.91	3.31	ppb
Arsenic	75-2	2.00	2.15	1.75	1.97	10.22	ppb
Barium	135-1	18.82	18.54	19.56	18.97	2.78	ppb
Barium	137-1	19.26	18.74	19.46	19.15	1.93	ppb
Beryllium	9-1	1.92	1.99	1.98	1.97	1.84	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	49.15	46.48	47.27	47.64	2.88	ppb
Boron	11-1	45.65	47.64	49.40	47.56	3.95	ppb
Cadmium	111-1	1.86	1.82	1.96	1.88	3.93	ppb
Cadmium	106-1	0.36	0.77	0.09	0.41	83.90	ppb
Cadmium	108-1	1.94	1.56	1.92	1.81	11.79	ppb
Calcium	43-1	902.75	888.46	879.95	890.39	1.29	ppb
Calcium	44-1	915.99	918.71	929.72	921.47	0.79	ppb
Chromium	52-2	4.21	4.01	4.32	4.18	3.74	ppb
Cobalt	59-2	1.94	1.76	2.05	1.91	7.83	ppb
Copper	63-2	4.31	3.85	3.68	3.95	8.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	379.86	367.57	372.86	373.43	1.65	ppb
Iron	57-2	371.52	377.22	373.27	374.00	0.78	ppb
Lead	206-1	1.99	1.95	1.94	1.96	1.28	ppb
Lead	207-1	1.95	1.93	1.86	1.91	2.41	ppb
Lead	208-1	2.02	1.95	1.92	1.96	2.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	986.13	964.16	1011.87	987.39	2.42	ppb
Manganese	55-2	1.93	1.93	1.98	1.95	1.49	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107181BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:24:02	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.79	9.39	9.51	9.56	2.18	ppb
Molybdenum	95-1	9.36	9.20	9.63	9.40	2.31	ppb
Molybdenum	96-1	9.33	9.65	9.41	9.46	1.75	ppb
Molybdenum	97-1	9.47	9.32	9.50	9.43	1.05	ppb
Molybdenum	98-1	9.16	9.47	9.44	9.36	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.53	2.12	2.08	2.24	11.25	ppb
Phosphorus	31-2	-20.39	-20.39	-20.39	-20.39		ppb
Potassium	39-2	941.07	952.91	994.95	962.98	2.94	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				84		%
Selenium	77-2	16.28	0.71	0.77	5.92	151.56	ppb
Selenium	78-2	14.15	4.01	7.85	8.67	59.05	ppb
Selenium	82-1	9.65	9.66	10.05	9.79	2.30	ppb
Silicon	28-1	11.22	13.23	15.28	13.24	15.33	ppb
Silver	109-1	2.09	2.00	2.04	2.04	2.18	ppb
Silver	107-1	2.06	2.03	2.01	2.03	1.40	ppb
Sodium	23-2	1041.87	1000.74	1024.27	1022.29	2.02	ppb
Strontium	86-1	1.94	2.05	1.82	1.94	5.89	ppb
Strontium	88-1	1.97	1.95	1.94	1.95	0.89	ppb
Sulfur	34-1	-722.61	-625.90	-363.86	-570.79		ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	1.93	1.99	2.00	1.97	1.88	ppb
Thallium	205-1	1.99	1.92	2.01	1.97	2.45	ppb
Tin	118-1	9.57	9.54	9.68	9.60	0.77	ppb
Titanium	47-1	9.75	9.42	9.42	9.53	1.99	ppb
Uranium	238-1	1.78	1.79	1.86	1.81	2.35	ppb
Vanadium	51-2	9.60	9.08	9.05	9.24	3.32	ppb
Yttrium	89-1				98		%
Yttrium	89-2				90		%
Zinc	66-2	4.40	4.32	4.41	4.38	1.15	ppb
Zirconium	90-1	2.00	1.94	1.93	1.96	1.69	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107181BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:24:02	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.83	1.90	1.85	1.86	1.79	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1856-18A	Instrumnet Name :	P8
Client Sample ID :	MH0RM5A	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:27:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7213.67	7274.23	7181.00	7222.97	0.65	ppb
Antimony	121-1	3.73	3.65	3.74	3.71	1.28	ppb
Arsenic	75-2	15.28	14.33	14.66	14.76	3.28	ppb
Barium	135-1	418.58	403.18	398.47	406.75	2.59	ppb
Barium	137-1	422.87	403.38	403.31	409.85	2.75	ppb
Beryllium	9-1	0.52	0.46	0.50	0.49	7.13	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	2432.75	2375.38	2400.71	2402.95	1.20	ppb
Boron	11-1	2201.41	2192.38	2213.37	2202.39	0.48	ppb
Cadmium	111-1	305.64	295.57	292.54	297.92	2.30	ppb
Cadmium	106-1	259.23	260.23	248.90	256.12	2.45	ppb
Cadmium	108-1	279.90	276.78	266.03	274.24	2.65	ppb
Calcium	43-1	143732.61	136206.12	137083.88	139007.54	2.96	ppb
Calcium	44-1	140975.75	134678.77	135538.38	137064.30	2.49	ppb
Chromium	52-2	39.63	38.73	40.48	39.62	2.21	ppb
Cobalt	59-2	9.02	8.77	8.81	8.87	1.49	ppb
Copper	63-2	448.66	435.34	442.46	442.15	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	56-2	13344.67	13205.54	13064.45	13204.89	1.06	ppb
Iron	57-2	12921.24	12822.35	12815.13	12852.91	0.46	ppb
Lead	206-1	796.69	769.39	768.67	778.25	2.05	ppb
Lead	207-1	736.86	709.73	708.99	718.52	2.21	ppb
Lead	208-1	759.62	733.70	735.94	743.09	1.93	ppb
Lithium	6-1				97		%
Magnesium	24-2	17897.29	17684.02	17781.80	17787.70	0.60	ppb
Manganese	55-2	556.14	553.01	554.17	554.44	0.29	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1856-18A	Instrumnet Name :	P8
Client Sample ID :	MH0RM5A	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:27:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	14.59	14.83	13.83	14.42	3.62	ppb
Molybdenum	95-1	10.52	10.46	9.87	10.28	3.51	ppb
Molybdenum	96-1	10.91	10.70	10.43	10.68	2.25	ppb
Molybdenum	97-1	10.73	10.36	10.24	10.45	2.42	ppb
Molybdenum	98-1	10.46	10.20	9.98	10.22	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.90	21.89	21.90	21.90	0.02	ppb
Phosphorus	31-2	7514.48	8193.87	8834.85	8181.07	8.07	ppb
Potassium	39-2	5833.91	5782.79	5787.19	5801.30	0.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				84		%
Selenium	77-2	30.82	38.17	53.62	40.87	28.47	ppb
Selenium	78-2	26.04	39.38	23.63	29.68	28.59	ppb
Selenium	82-1	28.04	27.51	26.40	27.32	3.06	ppb
Silicon	28-1	2674.15	2540.94	2570.73	2595.27	2.69	ppb
Silver	109-1	1.14	1.11	1.08	1.11	2.78	ppb
Silver	107-1	1.01	1.10	1.09	1.07	4.32	ppb
Sodium	23-2	12223.54	11833.45	11905.30	11987.43	1.73	ppb
Strontium	86-1	913.51	865.36	870.91	883.26	2.98	ppb
Strontium	88-1	906.05	875.55	868.38	883.33	2.26	ppb
Sulfur	34-1	15756.84	15099.14	14945.67	15267.22	2.82	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.44	0.35	0.36	0.38	12.77	ppb
Thallium	205-1	0.40	0.36	0.35	0.37	6.54	ppb
Tin	118-1	43.99	42.74	41.77	42.83	2.59	ppb
Titanium	47-1	260.20	249.30	253.11	254.20	2.18	ppb
Uranium	238-1	8.63	8.46	8.33	8.47	1.82	ppb
Vanadium	51-2	35.43	34.94	35.29	35.22	0.71	ppb
Yttrium	89-1				102		%
Yttrium	89-2				92		%
Zinc	66-2	2042.45	1983.90	2000.56	2008.97	1.50	ppb
Zirconium	90-1	4.85	4.45	4.48	4.60	4.91	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1856-18A	Instrumnet Name :	P8
Client Sample ID :	MH0RM5A	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:27:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.53	4.55	4.34	4.47	2.62	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1857-13A	Instrumnet Name :	P8
Client Sample ID :	MH0RN9A	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:30:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14776.32	14803.49	14798.16	14792.66	0.10	ppb
Antimony	121-1	14.27	14.31	14.42	14.33	0.53	ppb
Arsenic	75-2	86.60	86.92	87.17	86.90	0.33	ppb
Barium	135-1	554.48	558.24	560.31	557.68	0.53	ppb
Barium	137-1	575.14	576.98	567.33	573.15	0.89	ppb
Beryllium	9-1	1.03	1.07	1.25	1.12	10.55	ppb
Bismuth	209-1				116		%
Bismuth	209-2				109		%
Boron	10-1	393.72	403.45	385.52	394.23	2.28	ppb
Boron	11-1	380.99	389.13	387.91	386.01	1.14	ppb
Cadmium	111-1	11.74	11.50	11.65	11.63	1.02	ppb
Cadmium	106-1	24.44	24.62	25.52	24.86	2.33	ppb
Cadmium	108-1	19.26	20.61	20.64	20.17	3.91	ppb
Calcium	43-1	126713.57	124640.87	126409.52	125921.32	0.89	ppb
Calcium	44-1	124602.23	124087.74	123657.26	124115.74	0.38	ppb
Chromium	52-2	157.42	155.52	159.75	157.56	1.34	ppb
Cobalt	59-2	12.43	12.08	12.39	12.30	1.54	ppb
Copper	63-2	363.63	365.35	372.42	367.13	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				90		%
Iron	56-2	30704.29	30701.52	31209.10	30871.64	0.95	ppb
Iron	57-2	30088.44	30337.92	30926.09	30450.82	1.41	ppb
Lead	206-1	541.26	536.50	542.50	540.09	0.59	ppb
Lead	207-1	509.90	502.88	507.01	506.60	0.70	ppb
Lead	208-1	521.93	519.57	519.79	520.43	0.25	ppb
Lithium	6-1				94		%
Magnesium	24-2	14410.71	14491.13	14712.71	14538.18	1.08	ppb
Manganese	55-2	1566.33	1560.56	1552.24	1559.71	0.45	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1857-13A	Instrumnet Name :	P8
Client Sample ID :	MH0RN9A	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:30:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	136.44	136.38	135.61	136.14	0.34	ppb
Molybdenum	95-1	10.87	10.62	10.20	10.57	3.20	ppb
Molybdenum	96-1	25.48	26.13	26.55	26.05	2.07	ppb
Molybdenum	97-1	10.67	10.61	11.02	10.77	2.06	ppb
Molybdenum	98-1	10.67	10.66	10.83	10.72	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	156.02	158.90	162.33	159.09	1.99	ppb
Phosphorus	31-2	4676.33	4902.96	5836.71	5138.67	11.97	ppb
Potassium	39-2	11047.50	10867.98	11152.27	11022.59	1.30	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				78		%
Selenium	77-2	54.28	39.39	24.08	39.25	38.46	ppb
Selenium	78-2	13.93	10.31	9.12	11.12	22.54	ppb
Selenium	82-1	2.84	3.24	2.54	2.88	12.21	ppb
Silicon	28-1	3322.69	3278.38	3280.97	3294.01	0.75	ppb
Silver	109-1	8.03	7.85	7.90	7.93	1.20	ppb
Silver	107-1	7.99	7.95	7.95	7.97	0.31	ppb
Sodium	23-2	33841.85	34098.10	34275.80	34071.92	0.64	ppb
Strontium	86-1	719.40	709.43	712.79	713.87	0.71	ppb
Strontium	88-1	717.92	715.83	713.83	715.86	0.29	ppb
Sulfur	34-1	16779.11	16120.27	16122.21	16340.53	2.32	ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	0.36	0.37	0.39	0.37	4.18	ppb
Thallium	205-1	0.37	0.35	0.37	0.36	2.78	ppb
Tin	118-1	34.30	35.13	34.54	34.66	1.24	ppb
Titanium	47-1	455.08	451.65	452.32	453.02	0.40	ppb
Uranium	238-1	2.72	2.73	2.70	2.72	0.43	ppb
Vanadium	51-2	43.94	42.64	45.29	43.96	3.02	ppb
Yttrium	89-1				103		%
Yttrium	89-2				90		%
Zinc	66-2	5834.70	5852.16	6013.18	5900.01	1.67	ppb
Zirconium	90-1	83.37	84.18	84.45	84.00	0.67	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1857-13A	Instrumnet Name :	P8
Client Sample ID :	MH0RN9A	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:30:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	83.75	82.61	82.42	82.92	0.87	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-16	Instrumnet Name :	P8
Client Sample ID :	MF6F51	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:36:56	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.05	-1.32	5.90	5.21	119.20	ppb
Antimony	121-1	0.01	0.03	0.02	0.02	63.92	ppb
Arsenic	75-2	0.07	0.07	0.19	0.11	60.78	ppb
Barium	135-1	-0.01	-0.01	0.01	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	-0.01	0.05	0.03	0.03	116.36	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	25.40	23.60	22.14	23.71	6.89	ppb
Boron	11-1	22.50	24.03	23.65	23.39	3.42	ppb
Cadmium	111-1	-0.12	-0.12	-0.07	-0.10		ppb
Cadmium	106-1	-1.67	-1.95	-1.03	-1.55		ppb
Cadmium	108-1	-0.02	-0.05	0.02	-0.02		ppb
Calcium	43-1	-14.36	-20.68	-20.52	-18.52		ppb
Calcium	44-1	-4.54	-4.60	-4.05	-4.40		ppb
Chromium	52-2	0.09	0.04	0.13	0.09	56.61	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.12	0.11	0.10	0.11	7.65	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				106		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	56-2	2.43	2.57	2.16	2.38	8.77	ppb
Iron	57-2	6.48	0.94	-0.44	2.33	157.35	ppb
Lead	206-1	0.06	0.06	0.07	0.06	13.08	ppb
Lead	207-1	0.06	0.04	0.07	0.05	22.58	ppb
Lead	208-1	0.06	0.06	0.07	0.06	6.32	ppb
Lithium	6-1				94		%
Magnesium	24-2	4.65	1.36	1.25	2.42	79.77	ppb
Manganese	55-2	-0.01	0.15	-0.07	0.02	474.34	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-16	Instrumnet Name :	P8
Client Sample ID :	MF6F51	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:36:56	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.04	0.02	121.57	ppb
Molybdenum	95-1	0.03	0.05	0.09	0.06	53.87	ppb
Molybdenum	96-1	0.06	0.07	0.11	0.08	29.42	ppb
Molybdenum	97-1	0.07	0.10	0.06	0.08	21.80	ppb
Molybdenum	98-1	0.03	0.04	0.06	0.04	36.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.30	-0.03	-0.12	-0.15		ppb
Phosphorus	31-2	16.97	16.34	-20.39	4.31	496.38	ppb
Potassium	39-2	1.67	-20.99	10.71	-2.87		ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				81		%
Selenium	77-2	-7.00	0.95	-7.00	-4.35		ppb
Selenium	78-2	-0.98	-2.27	-2.27	-1.84		ppb
Selenium	82-1	-0.43	-0.45	-0.79	-0.56		ppb
Silicon	28-1	-22.71	-20.73	-20.19	-21.21		ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.96	ppb
Silver	107-1	0.03	0.02	0.03	0.03	13.17	ppb
Sodium	23-2	64.24	58.17	56.02	59.47	7.17	ppb
Strontium	86-1	0.01	0.01	0.04	0.02	89.40	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	13.98	ppb
Sulfur	34-1	-870.02	-776.65	-670.23	-772.30		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.03	0.02	55.38	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	19.20	ppb
Tin	118-1	-0.04	-0.01	-0.01	-0.02		ppb
Titanium	47-1	0.01	0.00	-0.02	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	31.41	ppb
Yttrium	89-1				97		%
Yttrium	89-2				87		%
Zinc	66-2	0.17	0.08	0.04	0.10	68.70	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-16	Instrumnet Name :	P8
Client Sample ID :	MF6F51	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:36:56	DataFile Name :	025SMPL.d

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

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-17	Instrumnet Name :	P8
Client Sample ID :	MF6F52	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:40:20	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.82	-1.32	1.56	23.36	172.41	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	109.57	ppb
Arsenic	75-2	1.01	32.05	0.18	11.08	163.91	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	614.82	ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.06	0.11	0.07	0.08	34.46	ppb
Bismuth	209-1				108		%
Bismuth	209-2				33		%
Boron	10-1	16.21	15.58	15.67	15.82	2.16	ppb
Boron	11-1	17.16	15.78	16.11	16.35	4.42	ppb
Cadmium	111-1	-0.06	-0.08	-0.06	-0.07		ppb
Cadmium	106-1	-0.93	-1.27	-0.96	-1.05		ppb
Cadmium	108-1	0.02	-0.09	-0.05	-0.04		ppb
Calcium	43-1	-23.89	-20.55	-14.54	-19.66		ppb
Calcium	44-1	0.03	-1.03	-2.23	-1.08		ppb
Chromium	52-2	2.79	67.65	0.28	23.57	162.00	ppb
Cobalt	59-2	0.01	1.30	0.11	0.47	151.68	ppb
Copper	63-2	0.39	13.93	0.13	4.82	163.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				32		%
Indium	115-1				101		%
Indium	115-2				30		%
Iron	56-2	32.34	772.24	2.88	269.15	161.96	ppb
Iron	57-2	41.16	395.64	4.07	146.96	147.09	ppb
Lead	206-1	0.05	0.06	0.04	0.05	19.43	ppb
Lead	207-1	0.06	0.04	0.03	0.04	37.34	ppb
Lead	208-1	0.05	0.06	0.05	0.05	14.19	ppb
Lithium	6-1				94		%
Magnesium	24-2	69.42	1728.72	5.04	601.06	162.56	ppb
Manganese	55-2	0.92	39.35	0.01	13.43	167.24	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-17	Instrumnet Name :	P8
Client Sample ID :	MF6F52	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:40:20	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.00	0.01	60.62	ppb
Molybdenum	95-1	0.01	0.02	0.05	0.03	66.15	ppb
Molybdenum	96-1	0.03	0.06	0.07	0.05	41.27	ppb
Molybdenum	97-1	0.05	0.05	0.04	0.05	13.59	ppb
Molybdenum	98-1	0.03	0.03	0.07	0.04	50.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.96	84.66	0.28	29.63	160.92	ppb
Phosphorus	31-2	248.22	-20.39	-20.39	69.15	224.27	ppb
Potassium	39-2	1186.67	26328.89	16.26	9177.27	161.98	ppb
Rhodium	103-1				99		%
Rhodium	103-2				30		%
Scandium	45-1				92		%
Scandium	45-2				27		%
Selenium	77-2	67.19	-7.00	-7.00	17.73	241.56	ppb
Selenium	78-2	-2.27	-2.27	-0.81	-1.79		ppb
Selenium	82-1	-0.41	-0.51	0.29	-0.21		ppb
Silicon	28-1	-22.40	-24.42	-23.45	-23.42		ppb
Silver	109-1	0.02	0.01	0.01	0.01	32.98	ppb
Silver	107-1	0.02	0.02	0.02	0.02	27.07	ppb
Sodium	23-2	786.20	16214.27	70.93	5690.47	160.28	ppb
Strontium	86-1	-0.03	0.00	-0.01	-0.01		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	6.31	ppb
Sulfur	34-1	-762.28	-828.29	-743.48	-778.02		ppb
Terbium	159-1				105		%
Terbium	159-2				31		%
Thallium	203-1	0.02	0.01	0.01	0.01	38.35	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	35.82	ppb
Tin	118-1	-0.03	-0.01	-0.02	-0.02		ppb
Titanium	47-1	-0.01	-0.02	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.12	1.33	0.08	0.51	138.88	ppb
Yttrium	89-1				97		%
Yttrium	89-2				29		%
Zinc	66-2	2.30	68.31	0.52	23.71	162.97	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-17	Instrumnet Name :	P8
Client Sample ID :	MF6F52	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:40:20	DataFile Name :	026SMPL.d

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

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-17RE	Instrumnet Name :	P8
Client Sample ID :	MF6F52	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:43:52	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.03	1.02	-1.32	0.25	550.95	ppb
Antimony	121-1	-0.02	0.00	0.01	0.00		ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	1.66	ppb
Barium	135-1	0.01	0.01	-0.01	0.00	449.90	ppb
Barium	137-1	0.02	-0.01	0.02	0.01	187.67	ppb
Beryllium	9-1	0.02	0.07	0.04	0.04	54.50	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	13.04	12.32	14.23	13.20	7.31	ppb
Boron	11-1	12.32	11.12	12.23	11.89	5.61	ppb
Cadmium	111-1	-0.04	-0.05	-0.09	-0.06		ppb
Cadmium	106-1	-0.59	-0.81	-1.32	-0.91		ppb
Cadmium	108-1	-0.02	-0.09	-0.05	-0.05		ppb
Calcium	43-1	-16.48	-14.08	-25.62	-18.72		ppb
Calcium	44-1	-4.79	-2.33	-4.09	-3.74		ppb
Chromium	52-2	0.14	0.11	0.15	0.13	12.34	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.00	0.06	0.06	0.04	92.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	1.95	1.93	2.01	1.96	2.34	ppb
Iron	57-2	1.45	2.72	5.51	3.23	64.30	ppb
Lead	206-1	0.05	0.05	0.05	0.05	2.73	ppb
Lead	207-1	0.04	0.04	0.05	0.05	15.02	ppb
Lead	208-1	0.05	0.05	0.06	0.05	15.82	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.53	0.47	4.71	1.90	127.75	ppb
Manganese	55-2	0.07	-0.02	0.01	0.02	257.01	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-17RE	Instrumnet Name :	P8
Client Sample ID :	MF6F52	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:43:52	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	0.03	0.01	0.08	0.04	93.61	ppb
Molybdenum	96-1	0.03	0.03	0.07	0.04	61.26	ppb
Molybdenum	97-1	0.05	0.09	0.03	0.06	58.19	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	11.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.11	-0.12	-0.13		ppb
Phosphorus	31-2	-20.39	-20.39	-20.39	-20.39		ppb
Potassium	39-2	-14.39	-17.11	-12.36	-14.62		ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				84		%
Selenium	77-2	-7.00	-7.00	-7.00	-7.00		ppb
Selenium	78-2	-1.02	-1.01	-2.27	-1.43		ppb
Selenium	82-1	-0.50	-0.51	-0.60	-0.54		ppb
Silicon	28-1	-22.99	-23.22	-25.15	-23.79		ppb
Silver	109-1	0.01	0.02	0.00	0.01	99.72	ppb
Silver	107-1	0.01	0.01	0.00	0.01	37.66	ppb
Sodium	23-2	40.92	42.40	39.44	40.92	3.62	ppb
Strontium	86-1	0.09	-0.01	0.01	0.03	197.68	ppb
Strontium	88-1	0.02	0.02	0.03	0.02	41.52	ppb
Sulfur	34-1	-779.61	-689.61	-905.97	-791.73		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.03	0.01	0.02	62.35	ppb
Thallium	205-1	0.01	0.01	0.03	0.02	52.21	ppb
Tin	118-1	-0.04	-0.03	-0.03	-0.04		ppb
Titanium	47-1	-0.03	0.01	0.01	0.00		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	52.15	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	116.17	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	0.21	0.10	0.07	0.13	57.76	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-17RE	Instrumnet Name :	P8
Client Sample ID :	MF6F52	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:43:52	DataFile Name :	027SMPL.d

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

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P8
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:47:14	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51873.53	49603.53	49240.83	50239.30	2.84	ppb
Antimony	121-1	544.76	511.98	506.54	521.09	3.97	ppb
Arsenic	75-2	499.28	492.10	487.76	493.05	1.18	ppb
Barium	135-1	2757.02	2586.47	2527.24	2623.57	4.55	ppb
Barium	137-1	2732.35	2578.01	2531.77	2614.04	4.02	ppb
Beryllium	9-1	557.73	534.38	515.18	535.76	3.98	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	547.68	544.10	530.98	540.92	1.63	ppb
Boron	11-1	550.17	547.32	520.23	539.24	3.06	ppb
Cadmium	111-1	533.68	506.60	496.19	512.15	3.78	ppb
Cadmium	106-1	529.39	509.93	497.20	512.17	3.17	ppb
Cadmium	108-1	539.61	506.71	497.31	514.54	4.32	ppb
Calcium	43-1	262354.70	253083.94	243613.90	253017.52	3.70	ppb
Calcium	44-1	261195.37	250651.54	245490.49	252445.80	3.17	ppb
Chromium	52-2	522.81	507.11	501.11	510.34	2.20	ppb
Cobalt	59-2	501.39	486.87	478.80	489.02	2.34	ppb
Copper	63-2	977.18	944.70	927.73	949.87	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				98		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	56-2	127711.31	123958.68	122245.98	124638.66	2.24	ppb
Iron	57-2	125973.94	122266.76	120801.33	123014.01	2.17	ppb
Lead	206-1	542.17	525.18	509.82	525.72	3.08	ppb
Lead	207-1	550.47	524.94	506.10	527.17	4.22	ppb
Lead	208-1	549.49	525.68	506.95	527.37	4.04	ppb
Lithium	6-1				86		%
Magnesium	24-2	257574.04	250429.70	245073.66	251025.80	2.50	ppb
Manganese	55-2	1018.28	985.04	968.49	990.60	2.56	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P8
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:47:14	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2722.77	2596.95	2523.16	2614.29	3.86	ppb
Molybdenum	95-1	2710.82	2582.82	2517.71	2603.78	3.77	ppb
Molybdenum	96-1	2706.75	2555.12	2511.38	2591.08	3.96	ppb
Molybdenum	97-1	2768.03	2605.59	2532.41	2635.34	4.58	ppb
Molybdenum	98-1	2717.69	2560.45	2508.08	2595.40	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.74	495.02	483.45	495.07	2.35	ppb
Phosphorus	31-2	11201.04	9117.48	10487.66	10268.72	10.31	ppb
Potassium	39-2	125751.77	121926.23	120390.09	122689.36	2.25	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				86		%
Scandium	45-2				80		%
Selenium	77-2	453.67	464.51	383.87	434.02	10.08	ppb
Selenium	78-2	479.79	499.26	497.46	492.17	2.19	ppb
Selenium	82-1	539.41	509.06	497.76	515.41	4.18	ppb
Silicon	28-1	532.06	513.30	497.57	514.31	3.36	ppb
Silver	109-1	542.97	510.83	505.34	519.71	3.91	ppb
Silver	107-1	547.00	501.72	496.42	515.05	5.40	ppb
Sodium	23-2	254810.53	248801.41	245200.12	249604.02	1.95	ppb
Strontium	86-1	553.13	528.34	512.24	531.24	3.88	ppb
Strontium	88-1	555.58	528.80	509.90	531.43	4.32	ppb
Sulfur	34-1	11203.69	10493.16	10053.06	10583.30	5.49	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	555.19	529.56	506.35	530.37	4.61	ppb
Thallium	205-1	547.99	521.77	503.97	524.58	4.22	ppb
Tin	118-1	554.64	522.81	501.25	526.23	5.10	ppb
Titanium	47-1	2702.60	2630.83	2543.37	2625.60	3.04	ppb
Uranium	238-1	548.30	521.69	506.94	525.64	3.99	ppb
Vanadium	51-2	507.27	491.97	485.43	494.89	2.26	ppb
Yttrium	89-1				89		%
Yttrium	89-2				86		%
Zinc	66-2	987.10	955.68	932.80	958.53	2.84	ppb
Zirconium	90-1	547.12	518.08	504.90	523.37	4.13	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P8
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:47:14	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	536.44	511.92	496.28	514.88	3.93	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P8
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:51:52	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.32	5.91	1.03	1.87	196.82	ppb
Antimony	121-1	0.66	0.83	0.89	0.79	15.02	ppb
Arsenic	75-2	0.24	0.10	0.16	0.17	42.68	ppb
Barium	135-1	-0.01	-0.02	0.00	-0.01		ppb
Barium	137-1	0.02	-0.01	0.00	0.01	278.86	ppb
Beryllium	9-1	0.20	0.27	0.15	0.21	30.02	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	16.90	16.30	14.27	15.82	8.72	ppb
Boron	11-1	15.59	16.21	14.02	15.27	7.38	ppb
Cadmium	111-1	-0.01	-0.01	-0.13	-0.05		ppb
Cadmium	106-1	-0.63	-0.65	-1.98	-1.09		ppb
Cadmium	108-1	-0.02	-0.02	-0.02	-0.02		ppb
Calcium	43-1	-12.91	-25.48	-25.38	-21.26		ppb
Calcium	44-1	-5.51	-3.25	-4.07	-4.28		ppb
Chromium	52-2	0.08	0.01	0.09	0.06	67.84	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.04	0.04	0.03	0.04	18.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	2.95	3.43	2.90	3.09	9.46	ppb
Iron	57-2	0.22	3.57	4.03	2.61	79.68	ppb
Lead	206-1	0.05	0.05	0.05	0.05	3.26	ppb
Lead	207-1	0.06	0.06	0.04	0.05	21.07	ppb
Lead	208-1	0.06	0.06	0.05	0.05	6.76	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.73	3.79	1.48	2.34	54.31	ppb
Manganese	55-2	-0.02	-0.04	0.00	-0.02		ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P8
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:51:52	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.47	0.55	0.80	0.61	28.35	ppb
Molybdenum	95-1	0.65	0.90	1.08	0.88	24.61	ppb
Molybdenum	96-1	0.60	0.80	0.97	0.79	23.56	ppb
Molybdenum	97-1	0.63	0.81	0.98	0.81	21.72	ppb
Molybdenum	98-1	0.66	0.80	0.98	0.81	19.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.06	-0.24	-0.19		ppb
Phosphorus	31-2	15.88	-20.39	50.43	15.31	231.34	ppb
Potassium	39-2	-6.29	6.38	-11.30	-3.74		ppb
Rhodium	103-1				98		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				83		%
Selenium	77-2	-7.00	-7.00	-7.00	-7.00		ppb
Selenium	78-2	-2.27	-0.98	-2.27	-1.84		ppb
Selenium	82-1	0.22	0.73	-0.21	0.25	188.57	ppb
Silicon	28-1	-14.68	-15.93	-14.36	-14.99		ppb
Silver	109-1	0.02	0.01	0.02	0.02	25.26	ppb
Silver	107-1	0.01	0.02	0.03	0.02	45.55	ppb
Sodium	23-2	56.00	64.78	59.95	60.24	7.31	ppb
Strontium	86-1	-0.05	-0.07	0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	16.34	ppb
Sulfur	34-1	-483.01	-456.12	-391.56	-443.56		ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	0.10	0.08	0.08	0.09	9.82	ppb
Thallium	205-1	0.10	0.10	0.08	0.09	7.45	ppb
Tin	118-1	0.11	0.14	0.17	0.14	20.86	ppb
Titanium	47-1	0.07	0.11	0.02	0.06	70.13	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	40.30	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	68.02	ppb
Yttrium	89-1				97		%
Yttrium	89-2				88		%
Zinc	66-2	0.15	0.04	-0.01	0.06	139.83	ppb
Zirconium	90-1	0.00	0.02	0.03	0.02	115.02	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P8
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:51:52	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	0.00	0.04	0.01	594.23	ppb

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 13:58:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	0	6	86.60	cps
Antimony	121-1	275	467	500	414	29.34	cps
Arsenic	75-2	2	6	2	3	69.39	cps
Barium	135-1	50	42	58	50	16.67	cps
Barium	137-1	50	83	83	72	26.65	cps
Beryllium	9-1	83	111	67	87	25.79	cps
Bismuth	209-1	5696716	5624102	5598738	5639852	0.90	cps
Bismuth	209-2	1326810	1321178	1323170	1323719	0.22	cps
Boron	10-1	75	100	133	103	28.48	cps
Boron	11-1	450	400	425	425	5.88	cps
Cadmium	111-1	955	893	903	917	3.65	cps
Cadmium	106-1	1367	1267	1283	1306	4.10	cps
Cadmium	108-1	8	21	0	10	107.86	cps
Calcium	43-1	1125	1000	950	1025	8.79	cps
Calcium	44-1	13582	14191	14300	14024	2.76	cps
Chromium	52-2	223	217	207	216	3.89	cps
Cobalt	59-2	33	47	63	48	31.46	cps
Copper	63-2	133	130	103	122	13.45	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Gadolinium	160-2	0	13	7	7	99.98	cps
Holmium	165-1	8297257	8188478	8226262	8237332	0.67	cps
Holmium	165-2	1646114	1650332	1642320	1646255	0.24	cps
Indium	115-1	6636056	6604306	6537759	6592707	0.76	cps
Indium	115-2	261064	261034	260545	260881	0.11	cps
Iron	56-2	1095	900	939	978	10.52	cps
Iron	57-2	33	22	39	31	26.96	cps
Lead	206-1	300	283	261	281	6.93	cps
Lead	207-1	272	222	228	241	11.38	cps
Lead	208-1	1100	1033	1122	1085	4.26	cps
Lithium	6-1	1049497	1040214	1047895	1045869	0.47	cps
Magnesium	24-2	175	200	158	178	11.80	cps
Manganese	55-2	23	17	30	23	28.56	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 13:58:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	267	342	289	15.89	cps
Molybdenum	95-1	75	192	183	150	43.39	cps
Molybdenum	96-1	108	258	175	181	41.62	cps
Molybdenum	97-1	67	125	117	103	30.70	cps
Molybdenum	98-1	183	283	267	244	21.92	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	260	293	287	280	6.30	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1959	1934	1875	1922	2.22	cps
Rhodium	103-1	6117863	6162186	6046845	6108965	0.95	cps
Rhodium	103-2	1544610	1560266	1551448	1552108	0.51	cps
Scandium	45-1	3591681	3601464	3581336	3591494	0.28	cps
Scandium	45-2	24892	25003	24926	24940	0.23	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	29	17	29	25	28.60	cps
Silicon	28-1	363284	365239	362987	363836	0.34	cps
Silver	109-1	92	25	75	64	54.31	cps
Silver	107-1	83	75	58	72	17.62	cps
Sodium	23-2	3126	2942	3067	3045	3.08	cps
Strontium	86-1	525	625	517	556	10.85	cps
Strontium	88-1	83	133	175	131	35.15	cps
Sulfur	34-1	342681	342363	343303	342782	0.14	cps
Terbium	159-1	8619009	8534703	8503284	8552332	0.70	cps
Terbium	159-2	1630163	1618256	1607072	1618497	0.71	cps
Thallium	203-1	208	142	233	194	24.37	cps
Thallium	205-1	392	375	450	406	9.71	cps
Tin	118-1	500	492	575	522	8.79	cps
Titanium	47-1	92	142	117	117	21.43	cps
Uranium	238-1	83	25	67	58	51.51	cps
Vanadium	51-2	10	0	0	3	173.21	cps
Yttrium	89-1	6838768	6918354	6775856	6844326	1.04	cps
Yttrium	89-2	190042	190707	189627	190125	0.29	cps
Zinc	66-2	70	67	33	57	35.79	cps
Zirconium	90-1	367	517	475	453	17.10	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 13:58:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	117	125	108	20.35	cps

LB Number : LB93878 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-13 14:05:43 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	100	117	111	8.66	cps
Antimony	121-1	14892	14750	13783	14475	4.17	cps
Arsenic	75-2	72	89	72	78	12.37	cps
Barium	135-1	14742	14842	14859	14815	0.43	cps
Barium	137-1	25618	26219	26344	26060	1.49	cps
Beryllium	9-1	1145	839	767	917	21.88	cps
Bismuth	209-1	5461150	5470975	5472868	5468331	0.12	cps
Bismuth	209-2	1318796	1319532	1254593	1297641	2.87	cps
Boron	10-1	2184	2225	1850	2086	9.85	cps
Boron	11-1	10704	10538	10471	10571	1.14	cps
Cadmium	111-1	2481	2227	2376	2361	5.39	cps
Cadmium	106-1	1408	1192	1483	1361	11.13	cps
Cadmium	108-1	79	129	113	107	23.80	cps
Calcium	43-1	7828	7836	7686	7783	1.08	cps
Calcium	44-1	128365	131302	129611	129759	1.14	cps
Chromium	52-2	1407	1270	1367	1348	5.21	cps
Cobalt	59-2	1247	1200	1233	1227	1.96	cps
Copper	63-2	2294	2367	2274	2311	2.13	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	42	50	53	24.12	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	42	58	17	39	53.93	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	8037754	8049766	8089971	8059163	0.34	cps
Holmium	165-2	1635751	1637473	1549763	1607662	3.12	cps
Indium	115-1	6460936	6439211	6532520	6477555	0.75	cps
Indium	115-2	258688	260756	246256	255233	3.07	cps
Iron	56-2	19358	19570	19481	19470	0.54	cps
Iron	57-2	483	467	544	498	8.22	cps
Lead	206-1	4846	4962	4873	4894	1.25	cps
Lead	207-1	4473	4551	4434	4486	1.32	cps
Lead	208-1	19851	19590	19740	19727	0.67	cps
Lithium	6-1	1020573	1010886	1009137	1013532	0.61	cps
Magnesium	24-2	9412	9479	8861	9251	3.66	cps
Manganese	55-2	160	160	167	162	2.37	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:05:43	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11831	11347	11155	11444	3.04	cps
Molybdenum	95-1	14400	14392	13833	14208	2.29	cps
Molybdenum	96-1	15735	15777	15768	15760	0.14	cps
Molybdenum	97-1	8937	8737	9003	8892	1.56	cps
Molybdenum	98-1	21751	23004	23046	22600	3.25	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	617	563	663	614	8.14	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	6860	7002	6985	6949	1.11	cps
Rhodium	103-1	6033958	6067171	6117493	6072874	0.69	cps
Rhodium	103-2	1543938	1524880	1450817	1506545	3.27	cps
Scandium	45-1	3525915	3492960	3530074	3516317	0.58	cps
Scandium	45-2	24498	24625	23660	24261	2.16	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	11	4	17	10	62.01	cps
Selenium	82-1	348	487	418	418	16.67	cps
Silicon	28-1	404729	408665	408775	407390	0.57	cps
Silver	109-1	7202	7361	7186	7250	1.33	cps
Silver	107-1	7544	7494	7778	7605	1.99	cps
Sodium	23-2	24572	24597	24497	24555	0.21	cps
Strontium	86-1	2542	2334	2359	2411	4.72	cps
Strontium	88-1	16969	16778	16277	16675	2.14	cps
Sulfur	34-1	345873	344859	344380	345038	0.22	cps
Terbium	159-1	8440479	8372697	8381627	8398268	0.44	cps
Terbium	159-2	1578652	1575082	1485104	1546279	3.43	cps
Thallium	203-1	5793	5477	5802	5690	3.26	cps
Thallium	205-1	14492	14075	14350	14306	1.48	cps
Tin	118-1	23847	24598	23521	23989	2.30	cps
Titanium	47-1	3892	3609	3759	3753	3.78	cps
Uranium	238-1	18323	18423	18573	18439	0.68	cps
Vanadium	51-2	1974	2114	1994	2027	3.74	cps
Yttrium	89-1	6740914	6707582	6719396	6722631	0.25	cps
Yttrium	89-2	188494	190141	178111	185582	3.51	cps
Zinc	66-2	277	327	273	292	10.23	cps
Zirconium	90-1	9387	9462	10163	9671	4.42	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:05:43	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2184	2384	2359	2309	4.72	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:09:26	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3976	3834	4009	3940	2.36	cps
Antimony	121-1	373230	376264	381467	376987	1.11	cps
Arsenic	75-2	3762	3756	3580	3699	2.79	cps
Barium	135-1	415747	412255	412675	413559	0.46	cps
Barium	137-1	717704	717079	714919	716567	0.20	cps
Beryllium	9-1	43394	42212	42959	42855	1.39	cps
Bismuth	209-1	5509634	5511369	5530502	5517168	0.21	cps
Bismuth	209-2	1314022	1280062	1302646	1298910	1.33	cps
Boron	10-1	4784	4868	4909	4854	1.31	cps
Boron	11-1	22727	22660	23478	22955	1.98	cps
Cadmium	111-1	83703	85275	84074	84351	0.97	cps
Cadmium	106-1	9796	10062	10087	9982	1.62	cps
Cadmium	108-1	5976	5985	6001	5988	0.21	cps
Calcium	43-1	79441	78310	79845	79199	1.00	cps
Calcium	44-1	1311034	1284929	1287046	1294336	1.12	cps
Chromium	52-2	28640	28416	28960	28672	0.95	cps
Cobalt	59-2	64451	64187	63464	64034	0.80	cps
Copper	63-2	112816	113465	113283	113188	0.30	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	25	100	50	58	65.47	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	8261722	8186001	8198045	8215256	0.50	cps
Holmium	165-2	1615133	1574409	1596224	1595255	1.28	cps
Indium	115-1	6523323	6464755	6538347	6508808	0.60	cps
Indium	115-2	255726	243416	252218	250453	2.53	cps
Iron	56-2	960415	962829	958882	960709	0.21	cps
Iron	57-2	24611	24389	24277	24426	0.70	cps
Lead	206-1	257457	257162	256474	257031	0.20	cps
Lead	207-1	232277	231655	233397	232443	0.38	cps
Lead	208-1	1048532	1043479	1046808	1046273	0.25	cps
Lithium	6-1	1001797	1017005	1008546	1009116	0.76	cps
Magnesium	24-2	97073	99160	96837	97690	1.31	cps
Manganese	55-2	16120	16186	16143	16150	0.21	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:09:26	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	649846	650206	651550	650534	0.14	cps
Molybdenum	95-1	796037	802474	796126	798213	0.46	cps
Molybdenum	96-1	888926	888263	887282	888157	0.09	cps
Molybdenum	97-1	504020	498656	499449	500708	0.58	cps
Molybdenum	98-1	1283312	1272925	1267771	1274669	0.62	cps
Neodymium	150-1	40	20	47	36	39.03	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	18663	18863	19010	18845	0.92	cps
Phosphorus	31-2	283	308	267	286	7.33	cps
Potassium	39-2	28438	29123	28814	28791	1.19	cps
Rhodium	103-1	5995486	5949660	5965936	5970361	0.39	cps
Rhodium	103-2	1500431	1435638	1473565	1469878	2.21	cps
Scandium	45-1	3487307	3513538	3459324	3486723	0.78	cps
Scandium	45-2	24001	22722	23947	23557	3.07	cps
Selenium	77-2	17	33	27	26	32.81	cps
Selenium	78-2	80	74	85	80	6.98	cps
Selenium	82-1	5063	5080	5013	5052	0.69	cps
Silicon	28-1	533692	529025	531293	531337	0.44	cps
Silver	109-1	386020	387451	386290	386587	0.20	cps
Silver	107-1	404502	401541	400953	402332	0.47	cps
Sodium	23-2	229750	227319	226201	227757	0.80	cps
Strontium	86-1	102944	104968	103793	103902	0.98	cps
Strontium	88-1	888796	893001	899140	893645	0.58	cps
Sulfur	34-1	387943	384342	383893	385393	0.58	cps
Terbium	159-1	8419863	8369741	8539282	8442962	1.03	cps
Terbium	159-2	1566996	1495889	1529078	1530655	2.32	cps
Thallium	203-1	312244	313565	316592	314134	0.71	cps
Thallium	205-1	757793	757464	759616	758291	0.15	cps
Tin	118-1	264705	263823	271357	266628	1.54	cps
Titanium	47-1	196535	196164	197000	196566	0.21	cps
Uranium	238-1	1033868	1042262	1035664	1037265	0.43	cps
Vanadium	51-2	21063	21039	21276	21126	0.62	cps
Yttrium	89-1	6709414	6674067	6781251	6721578	0.81	cps
Yttrium	89-2	185098	179050	181984	182044	1.66	cps
Zinc	66-2	10591	10354	9944	10296	3.18	cps
Zirconium	90-1	543317	541034	546281	543544	0.48	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:09:26	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	119227	119270	120361	119619	0.54	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:13:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8962	9312	9937	9404	5.26	cps
Antimony	121-1	953259	948929	946086	949425	0.38	cps
Arsenic	75-2	8897	8929	8629	8818	1.87	cps
Barium	135-1	1030255	1028930	1022462	1027216	0.41	cps
Barium	137-1	1799388	1768625	1802778	1790264	1.05	cps
Beryllium	9-1	101136	99251	101954	100780	1.38	cps
Bismuth	209-1	5609984	5565781	5522637	5566134	0.78	cps
Bismuth	209-2	1304178	1301408	1300676	1302087	0.14	cps
Boron	10-1	11547	11221	11547	11438	1.64	cps
Boron	11-1	53425	53894	55082	54134	1.58	cps
Cadmium	111-1	203795	200874	201904	202191	0.73	cps
Cadmium	106-1	22778	21935	23021	22578	2.52	cps
Cadmium	108-1	14721	14658	14133	14504	2.23	cps
Calcium	43-1	187900	188017	187208	187708	0.23	cps
Calcium	44-1	3134295	3090240	3122782	3115772	0.73	cps
Chromium	52-2	67160	66695	65643	66499	1.17	cps
Cobalt	59-2	150519	150058	150768	150448	0.24	cps
Copper	63-2	265139	267386	265414	265980	0.46	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	33	42	28	62.46	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	50	50	33	44	21.66	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	8261626	8222906	8237263	8240599	0.24	cps
Holmium	165-2	1619187	1617595	1586849	1607877	1.13	cps
Indium	115-1	6405755	6448393	6390251	6414800	0.47	cps
Indium	115-2	243170	246892	245144	245069	0.76	cps
Iron	56-2	2267566	2295236	2262686	2275163	0.77	cps
Iron	57-2	57296	56114	57937	57116	1.62	cps
Lead	206-1	653566	644399	642436	646801	0.92	cps
Lead	207-1	588132	586444	587303	587293	0.14	cps
Lead	208-1	2655561	2637158	2631939	2641552	0.47	cps
Lithium	6-1	998189	996816	991257	995421	0.37	cps
Magnesium	24-2	228321	229625	228145	228697	0.35	cps
Manganese	55-2	38252	38166	37276	37898	1.43	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:13:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1612787	1615353	1602246	1610129	0.43	cps
Molybdenum	95-1	1969380	1984903	1979286	1977856	0.40	cps
Molybdenum	96-1	2211131	2223942	2181452	2205509	0.99	cps
Molybdenum	97-1	1221322	1204279	1204964	1210188	0.80	cps
Molybdenum	98-1	3186605	3174735	3160386	3173909	0.41	cps
Neodymium	150-1	47	53	47	49	7.88	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	44551	44501	44591	44548	0.10	cps
Phosphorus	31-2	592	658	700	650	8.41	cps
Potassium	39-2	62531	64734	61702	62989	2.49	cps
Rhodium	103-1	5883494	5866867	5860405	5870256	0.20	cps
Rhodium	103-2	1440965	1433549	1440328	1438281	0.29	cps
Scandium	45-1	3396974	3384564	3365596	3382378	0.47	cps
Scandium	45-2	21587	21814	21670	21690	0.53	cps
Selenium	77-2	90	50	40	60	44.10	cps
Selenium	78-2	189	207	193	196	4.99	cps
Selenium	82-1	12567	12362	12346	12425	0.99	cps
Silicon	28-1	763048	755928	757142	758706	0.50	cps
Silver	109-1	946301	946722	942309	945111	0.26	cps
Silver	107-1	991575	990473	976151	986066	0.87	cps
Sodium	23-2	531060	525339	524961	527120	0.65	cps
Strontium	86-1	250353	248443	248599	249132	0.43	cps
Strontium	88-1	2216124	2195351	2207822	2206433	0.47	cps
Sulfur	34-1	430758	433021	429977	431252	0.37	cps
Terbium	159-1	8601742	8501888	8519948	8541193	0.62	cps
Terbium	159-2	1529308	1509635	1519364	1519436	0.65	cps
Thallium	203-1	795351	782106	789447	788968	0.84	cps
Thallium	205-1	1948690	1941520	1911057	1933756	1.03	cps
Tin	118-1	664341	659903	653286	659177	0.84	cps
Titanium	47-1	465716	463471	460490	463226	0.57	cps
Uranium	238-1	2698449	2732944	2703674	2711689	0.69	cps
Vanadium	51-2	50330	48902	49294	49509	1.49	cps
Yttrium	89-1	6649676	6554526	6616687	6606963	0.73	cps
Yttrium	89-2	176382	176785	175132	176100	0.49	cps
Zinc	66-2	23554	23627	23059	23413	1.32	cps
Zirconium	90-1	1335718	1327999	1336347	1333355	0.35	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:13:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	293534	293060	292209	292934	0.23	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:16:52	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17687	17119	16961	17256	2.21	cps
Antimony	121-1	1900367	1923271	1883139	1902259	1.06	cps
Arsenic	75-2	16093	16163	15998	16085	0.51	cps
Barium	135-1	2069870	2058101	2045645	2057872	0.59	cps
Barium	137-1	3530250	3562032	3502072	3531451	0.85	cps
Beryllium	9-1	190865	190278	188692	189945	0.59	cps
Bismuth	209-1	5614998	5625386	5566660	5602348	0.56	cps
Bismuth	209-2	1269241	1267381	1265638	1267420	0.14	cps
Boron	10-1	21926	21851	21984	21920	0.31	cps
Boron	11-1	103127	106301	106779	105402	1.88	cps
Cadmium	111-1	396247	395413	394642	395434	0.20	cps
Cadmium	106-1	42560	42577	41240	42125	1.82	cps
Cadmium	108-1	28138	28698	27687	28174	1.80	cps
Calcium	43-1	362669	361667	355297	359878	1.11	cps
Calcium	44-1	5897496	5917770	5774894	5863387	1.32	cps
Chromium	52-2	123108	121558	120822	121829	0.96	cps
Cobalt	59-2	281222	279024	276039	278762	0.93	cps
Copper	63-2	493710	493399	486208	491106	0.86	cps
Dysprosium	156-1	25	50	42	39	32.73	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	75	75	25	58	49.49	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	8187466	8222206	8156661	8188778	0.40	cps
Holmium	165-2	1546775	1543215	1552532	1547507	0.30	cps
Indium	115-1	6255478	6244677	6296747	6265634	0.44	cps
Indium	115-2	231054	229765	229808	230209	0.32	cps
Iron	56-2	4197405	4155762	4165627	4172931	0.52	cps
Iron	57-2	106039	105457	103437	104978	1.30	cps
Lead	206-1	1292327	1301629	1285867	1293274	0.61	cps
Lead	207-1	1181115	1181476	1162341	1174978	0.93	cps
Lead	208-1	5307911	5338073	5259717	5301900	0.75	cps
Lithium	6-1	963326	977426	955594	965448	1.15	cps
Magnesium	24-2	425470	420038	417490	420999	0.97	cps
Manganese	55-2	69612	68724	67984	68774	1.19	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:16:52	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3145501	3157347	3098457	3133768	0.99	cps
Molybdenum	95-1	3872913	3801525	3835180	3836539	0.93	cps
Molybdenum	96-1	4252034	4319869	4262903	4278269	0.85	cps
Molybdenum	97-1	2438595	2435020	2401895	2425170	0.83	cps
Molybdenum	98-1	6239141	6189934	6125355	6184810	0.92	cps
Neodymium	150-1	107	87	87	93	12.37	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	82361	81433	81155	81650	0.77	cps
Phosphorus	31-2	1200	1233	1125	1186	4.68	cps
Potassium	39-2	115740	114555	112471	114255	1.45	cps
Rhodium	103-1	5758608	5651362	5657583	5689184	1.06	cps
Rhodium	103-2	1357343	1351236	1362044	1356874	0.40	cps
Scandium	45-1	3249023	3208389	3201325	3219579	0.80	cps
Scandium	45-2	20121	20402	20065	20196	0.89	cps
Selenium	77-2	100	77	147	108	33.07	cps
Selenium	78-2	330	378	361	356	6.86	cps
Selenium	82-1	23830	23907	23655	23797	0.54	cps
Silicon	28-1	1093657	1089865	1085469	1089664	0.38	cps
Silver	109-1	1877391	1889841	1854448	1873893	0.96	cps
Silver	107-1	1950107	1960240	1923329	1944559	0.98	cps
Sodium	23-2	982054	966404	959502	969320	1.19	cps
Strontium	86-1	486437	484972	476229	482546	1.14	cps
Strontium	88-1	4337668	4265199	4223038	4275302	1.36	cps
Sulfur	34-1	514027	512668	501527	509407	1.35	cps
Terbium	159-1	8553240	8536842	8481239	8523774	0.44	cps
Terbium	159-2	1487486	1483086	1490385	1486986	0.25	cps
Thallium	203-1	1629238	1611021	1584607	1608289	1.40	cps
Thallium	205-1	3887397	3878034	3823125	3862852	0.90	cps
Tin	118-1	1305363	1301612	1285713	1297563	0.80	cps
Titanium	47-1	887796	884080	867106	879661	1.25	cps
Uranium	238-1	5404861	5450410	5398004	5417758	0.53	cps
Vanadium	51-2	92412	91798	90346	91519	1.16	cps
Yttrium	89-1	6458898	6405544	6346818	6403753	0.88	cps
Yttrium	89-2	163418	164176	164288	163961	0.29	cps
Zinc	66-2	43254	43180	43294	43243	0.13	cps
Zirconium	90-1	2666667	2637824	2576002	2626831	1.76	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:16:52	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	576176	571719	571888	573261	0.44	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:20:27	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30910	31127	30926	30988	0.39	cps
Antimony	121-1	3666346	3687304	3693614	3682421	0.39	cps
Arsenic	75-2	29880	29055	28799	29245	1.93	cps
Barium	135-1	3980218	3908870	3925604	3938231	0.95	cps
Barium	137-1	6803345	6751644	6746495	6767161	0.46	cps
Beryllium	9-1	349606	344353	344031	345997	0.90	cps
Bismuth	209-1	5625319	5595471	5648891	5623227	0.48	cps
Bismuth	209-2	1100485	1233483	1246688	1193552	6.78	cps
Boron	10-1	41193	40207	41812	41071	1.97	cps
Boron	11-1	193276	196383	196587	195415	0.95	cps
Cadmium	111-1	764000	753414	758820	758745	0.70	cps
Cadmium	106-1	80046	78252	78688	78995	1.18	cps
Cadmium	108-1	54087	54451	53405	53981	0.98	cps
Calcium	43-1	670897	662960	664344	666067	0.64	cps
Calcium	44-1	10966574	10827437	10740874	10844962	1.05	cps
Chromium	52-2	220785	220467	216206	219153	1.17	cps
Cobalt	59-2	506182	503021	500402	503202	0.58	cps
Copper	63-2	893867	893032	879463	888787	0.91	cps
Dysprosium	156-1	67	58	58	61	7.87	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	33	25	75	44	60.28	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	50	50	92	64	37.66	cps
Gadolinium	160-2	0	13	17	10	88.20	cps
Holmium	165-1	8208454	8170625	8138941	8172674	0.43	cps
Holmium	165-2	1338339	1516328	1516856	1457175	7.06	cps
Indium	115-1	6054167	5994342	6044011	6030840	0.53	cps
Indium	115-2	188883	211987	212553	204474	6.60	cps
Iron	56-2	7528112	7392436	7421510	7447353	0.96	cps
Iron	57-2	189391	190865	187009	189088	1.03	cps
Lead	206-1	2667311	2645653	2678901	2663955	0.63	cps
Lead	207-1	2442886	2401955	2431554	2425465	0.87	cps
Lead	208-1	10719110	10646183	10777867	10714386	0.62	cps
Lithium	6-1	916148	907018	907375	910180	0.57	cps
Magnesium	24-2	756604	756813	750037	754485	0.51	cps
Manganese	55-2	126035	123227	123251	124171	1.30	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:20:27	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5901224	5860559	5867761	5876515	0.37	cps
Molybdenum	95-1	7319913	7176755	7215796	7237488	1.02	cps
Molybdenum	96-1	8044063	8012959	8034381	8030468	0.20	cps
Molybdenum	97-1	4566540	4586576	4548665	4567260	0.42	cps
Molybdenum	98-1	11739406	11735208	11761283	11745299	0.12	cps
Neodymium	150-1	140	140	167	149	10.34	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	147656	149017	147302	147992	0.61	cps
Phosphorus	31-2	2375	1950	2034	2120	10.63	cps
Potassium	39-2	201860	199088	197272	199406	1.16	cps
Rhodium	103-1	5458272	5427196	5417142	5434204	0.39	cps
Rhodium	103-2	1126907	1272537	1268332	1222592	6.78	cps
Scandium	45-1	2988177	2988866	2996196	2991080	0.15	cps
Scandium	45-2	15649	18275	17928	17284	8.25	cps
Selenium	77-2	200	193	177	190	6.32	cps
Selenium	78-2	633	670	620	641	4.05	cps
Selenium	82-1	44811	44879	44390	44693	0.59	cps
Silicon	28-1	1656302	1663507	1661303	1660370	0.22	cps
Silver	109-1	3557564	3560299	3562843	3560235	0.07	cps
Silver	107-1	3703211	3684848	3670233	3686097	0.45	cps
Sodium	23-2	1775713	1765722	1761520	1767652	0.41	cps
Strontium	86-1	921959	915080	915541	917527	0.42	cps
Strontium	88-1	8004212	7943041	7933909	7960387	0.48	cps
Sulfur	34-1	649779	645092	640088	644986	0.75	cps
Terbium	159-1	8446338	8422903	8456520	8441921	0.20	cps
Terbium	159-2	1287891	1439910	1448718	1392173	6.49	cps
Thallium	203-1	3233913	3239978	3212010	3228633	0.46	cps
Thallium	205-1	7673782	7559076	7594175	7609011	0.77	cps
Tin	118-1	2525988	2549146	2571757	2548964	0.90	cps
Titanium	47-1	1677076	1662726	1664703	1668168	0.47	cps
Uranium	238-1	10807685	10821805	10872096	10833862	0.31	cps
Vanadium	51-2	166769	164354	164155	165093	0.88	cps
Yttrium	89-1	6169696	6083057	6108937	6120563	0.73	cps
Yttrium	89-2	132604	148831	151281	144238	7.04	cps
Zinc	66-2	78380	78192	78024	78199	0.23	cps
Zirconium	90-1	4966941	4919353	4905625	4930640	0.65	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:20:27	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1096361	1092273	1089083	1092572	0.33	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:23:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60421	61928	62162	61504	1.54	cps
Antimony	121-1	7129819	7117621	7183090	7143510	0.49	cps
Arsenic	75-2	57854	60201	60061	59372	2.22	cps
Barium	135-1	7738283	7665710	7760295	7721429	0.64	cps
Barium	137-1	13364314	13307856	13448014	13373395	0.53	cps
Beryllium	9-1	661211	658075	659678	659655	0.24	cps
Bismuth	209-1	5536214	5503392	5494750	5511452	0.40	cps
Bismuth	209-2	1232020	1244294	1253197	1243171	0.86	cps
Boron	10-1	78238	79479	82396	80037	2.67	cps
Boron	11-1	371896	383156	388352	381134	2.21	cps
Cadmium	111-1	1477276	1473883	1470279	1473813	0.24	cps
Cadmium	106-1	152385	153364	154282	153344	0.62	cps
Cadmium	108-1	103392	103548	106004	104315	1.40	cps
Calcium	43-1	1298110	1322306	1300504	1306973	1.02	cps
Calcium	44-1	20926592	21075919	21037554	21013355	0.37	cps
Chromium	52-2	429107	441280	446126	438838	2.00	cps
Cobalt	59-2	986946	1006669	1010789	1001468	1.27	cps
Copper	63-2	1748496	1773109	1809868	1777157	1.74	cps
Dysprosium	156-1	125	83	125	111	21.65	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	75	67	25	56	48.22	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	42	58	83	61	34.32	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	8121677	8163845	8123810	8136444	0.29	cps
Holmium	165-2	1527686	1543565	1553059	1541437	0.83	cps
Indium	115-1	5773229	5816104	5878903	5822746	0.91	cps
Indium	115-2	208648	213387	214193	212076	1.41	cps
Iron	56-2	14771964	15124143	15070799	14988969	1.27	cps
Iron	57-2	372887	382533	382391	379271	1.46	cps
Lead	206-1	5154033	5153517	5197897	5168482	0.49	cps
Lead	207-1	4721810	4737548	4725459	4728273	0.17	cps
Lead	208-1	20854904	20952277	20964994	20924058	0.29	cps
Lithium	6-1	872747	876722	874424	874631	0.23	cps
Magnesium	24-2	1520766	1553645	1569855	1548088	1.62	cps
Manganese	55-2	243489	249053	251072	247872	1.58	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:23:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11511488	11500978	11463477	11491981	0.22	cps
Molybdenum	95-1	14176754	14164877	14057408	14133013	0.47	cps
Molybdenum	96-1	15782018	15858512	15802981	15814503	0.25	cps
Molybdenum	97-1	8889622	8871891	8821737	8861083	0.40	cps
Molybdenum	98-1	22860437	22903670	22904702	22889603	0.11	cps
Neodymium	150-1	300	353	267	307	14.25	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	286634	291820	295126	291193	1.47	cps
Phosphorus	31-2	3984	4101	4001	4029	1.57	cps
Potassium	39-2	392602	401371	403465	399146	1.44	cps
Rhodium	103-1	5219989	5207527	5173159	5200225	0.47	cps
Rhodium	103-2	1259820	1276356	1287700	1274625	1.10	cps
Scandium	45-1	2906976	2947519	2884928	2913141	1.09	cps
Scandium	45-2	18015	18869	18753	18546	2.50	cps
Selenium	77-2	443	383	313	380	17.12	cps
Selenium	78-2	1256	1298	1335	1296	3.07	cps
Selenium	82-1	86077	86085	86380	86181	0.20	cps
Silicon	28-1	2708924	2714552	2711907	2711795	0.10	cps
Silver	109-1	6822708	6759259	6815319	6799095	0.51	cps
Silver	107-1	7062517	7062349	7039471	7054779	0.19	cps
Sodium	23-2	3456310	3497659	3533327	3495765	1.10	cps
Strontium	86-1	1795583	1804996	1801443	1800674	0.26	cps
Strontium	88-1	15601223	15562997	15648183	15604134	0.27	cps
Sulfur	34-1	995331	996399	990795	994175	0.30	cps
Terbium	159-1	8401855	8383436	8397468	8394253	0.11	cps
Terbium	159-2	1453295	1470150	1473909	1465785	0.75	cps
Thallium	203-1	6269196	6337328	6245738	6284087	0.76	cps
Thallium	205-1	15005756	15170583	14915502	15030613	0.86	cps
Tin	118-1	4962644	4888951	4982862	4944819	1.00	cps
Titanium	47-1	3153590	3177847	3134378	3155271	0.69	cps
Uranium	238-1	21651815	21478889	21886272	21672325	0.94	cps
Vanadium	51-2	327294	335809	337573	333558	1.65	cps
Yttrium	89-1	5991571	5999720	6013557	6001616	0.19	cps
Yttrium	89-2	149909	152870	154522	152434	1.53	cps
Zinc	66-2	152413	156292	155931	154878	1.38	cps
Zirconium	90-1	9540305	9605287	9552233	9565942	0.36	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:23:57	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2157116	2181182	2182701	2173666	0.66	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:27:26	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	337349	341602	339317	339423	0.63	cps
Antimony	121-1	23555	25091	27680	25442	8.19	cps
Arsenic	75-2	115	106	98	106	7.87	cps
Barium	135-1	2550	2650	2700	2634	2.90	cps
Barium	137-1	4784	4659	4393	4612	4.34	cps
Beryllium	9-1	528	494	489	504	4.18	cps
Bismuth	209-1	5449296	5379617	5410783	5413232	0.64	cps
Bismuth	209-2	1206855	1208621	1200004	1205160	0.38	cps
Boron	10-1	3901	3342	3342	3528	9.14	cps
Boron	11-1	19005	16994	16443	17481	7.71	cps
Cadmium	111-1	1118	1147	1333	1199	9.76	cps
Cadmium	106-1	1183	1083	1450	1239	15.30	cps
Cadmium	108-1	33	46	33	37	19.25	cps
Calcium	43-1	6994366	7053165	7009405	7018978	0.44	cps
Calcium	44-1	114381040	115194269	114805165	114793491	0.35	cps
Chromium	52-2	21714	21183	21523	21473	1.25	cps
Cobalt	59-2	13510	13824	13817	13717	1.31	cps
Copper	63-2	3891	3971	4014	3958	1.58	cps
Dysprosium	156-1	75	67	50	64	19.92	cps
Dysprosium	156-2	13	17	3	11	62.48	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	92	117	58	89	32.92	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	8421355	8365297	8485011	8423887	0.71	cps
Holmium	165-2	1564941	1607794	1594303	1589013	1.38	cps
Indium	115-1	6093003	6082358	6078183	6084515	0.13	cps
Indium	115-2	222490	224033	223329	223284	0.35	cps
Iron	56-2	79445571	79734457	79759302	79646443	0.22	cps
Iron	57-2	2040784	2061303	2029801	2043963	0.78	cps
Lead	206-1	10149	10232	10355	10245	1.01	cps
Lead	207-1	8931	8853	8742	8842	1.07	cps
Lead	208-1	40103	40437	40744	40428	0.79	cps
Lithium	6-1	912763	918919	921541	917741	0.49	cps
Magnesium	24-2	8094803	8096284	8053328	8081472	0.30	cps
Manganese	55-2	1273	1297	1327	1299	2.06	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:27:26	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16628	16511	16869	16669	1.10	cps
Molybdenum	95-1	26401	28063	28122	27529	3.55	cps
Molybdenum	96-1	30427	32499	32215	31713	3.54	cps
Molybdenum	97-1	16002	17278	17629	16970	5.05	cps
Molybdenum	98-1	42593	43813	45753	44053	3.62	cps
Neodymium	150-1	93	67	73	78	17.84	cps
Neodymium	150-2	7	17	3	9	78.08	cps
Nickel	60-2	11371	11065	12125	11521	4.74	cps
Phosphorus	31-2	25	0	8	11	114.58	cps
Potassium	39-2	2211028	2198179	2213085	2207431	0.37	cps
Rhodium	103-1	5271756	5281870	5307969	5287198	0.35	cps
Rhodium	103-2	1276505	1294867	1280759	1284044	0.75	cps
Scandium	45-1	3148671	3171699	3139523	3153298	0.53	cps
Scandium	45-2	20118	20148	19948	20071	0.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	124	124	87	111	19.35	cps
Silicon	28-1	369292	371171	370869	370444	0.27	cps
Silver	109-1	933	1183	933	1017	14.20	cps
Silver	107-1	1008	983	933	975	3.92	cps
Sodium	23-2	19118233	19161842	19001808	19093961	0.43	cps
Strontium	86-1	64922	65826	64628	65125	0.96	cps
Strontium	88-1	555886	558537	563577	559333	0.70	cps
Sulfur	34-1	283105	289394	286531	286343	1.10	cps
Terbium	159-1	8583029	8573541	8659816	8605462	0.55	cps
Terbium	159-2	1484760	1514027	1489889	1496225	1.04	cps
Thallium	203-1	4409	3684	3609	3901	11.33	cps
Thallium	205-1	9320	9170	8954	9148	2.02	cps
Tin	118-1	8887	8862	9487	9078	3.90	cps
Titanium	47-1	1058	1258	1000	1106	12.26	cps
Uranium	238-1	2325	2309	2300	2311	0.55	cps
Vanadium	51-2	143	137	133	138	3.70	cps
Yttrium	89-1	6253614	6293713	6282748	6276692	0.33	cps
Yttrium	89-2	162159	163290	162325	162591	0.38	cps
Zinc	66-2	1040	1060	1023	1041	1.76	cps
Zirconium	90-1	2650	3184	2409	2748	14.44	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:27:26	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	667	717	550	644	13.27	cps

LB Number : LB93878 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-03-13 14:49:35 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1959	1950	2000	1970	1.36	cps
Antimony	121-1	1535593	1527205	1539321	1534040	0.40	cps
Arsenic	75-2	14170	13618	14011	13933	2.04	cps
Barium	135-1	164629	165547	164222	164799	0.41	cps
Barium	137-1	289386	285158	286288	286944	0.76	cps
Beryllium	9-1	79027	79910	78810	79249	0.73	cps
Bismuth	209-1	5896069	5875212	5882503	5884594	0.18	cps
Bismuth	209-2	1346205	1340406	1342912	1343174	0.22	cps
Boron	10-1	55316	55550	54747	55204	0.75	cps
Boron	11-1	258439	260830	261135	260135	0.57	cps
Cadmium	111-1	167482	170107	167703	168431	0.86	cps
Cadmium	106-1	28807	29141	27821	28590	2.40	cps
Cadmium	108-1	15518	15430	15372	15440	0.48	cps
Calcium	43-1	32480	32221	33307	32669	1.74	cps
Calcium	44-1	523282	520157	524322	522587	0.41	cps
Chromium	52-2	51488	51558	50782	51276	0.84	cps
Cobalt	59-2	120354	119060	119839	119751	0.54	cps
Copper	63-2	104331	105674	104704	104903	0.66	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	50	92	100	81	33.26	cps
Erbium	164-2	27	3	20	17	72.13	cps
Gadolinium	160-1	58	67	33	53	32.86	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	8619962	8532453	8533185	8561867	0.59	cps
Holmium	165-2	1671407	1642238	1656514	1656720	0.88	cps
Indium	115-1	6601342	6629157	6579510	6603336	0.38	cps
Indium	115-2	248665	247093	244028	246595	0.96	cps
Iron	56-2	359116	357325	356177	357539	0.41	cps
Iron	57-2	8647	9448	9292	9129	4.65	cps
Lead	206-1	1071705	1069251	1065581	1068846	0.29	cps
Lead	207-1	937513	938983	937021	937839	0.11	cps
Lead	208-1	4362677	4374671	4334207	4357185	0.48	cps
Lithium	6-1	1043890	1042034	1056149	1047357	0.73	cps
Magnesium	24-2	22160	21509	21375	21681	1.94	cps
Manganese	55-2	14811	14711	14755	14759	0.34	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:49:35	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2961117	2947717	2926261	2945032	0.60	cps
Molybdenum	95-1	1640124	1648819	1606708	1631884	1.36	cps
Molybdenum	96-1	2104279	2116134	2062162	2094192	1.35	cps
Molybdenum	97-1	1000364	999861	992781	997669	0.43	cps
Molybdenum	98-1	2661848	2633814	2622533	2639398	0.77	cps
Neodymium	150-1	20	0	27	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	35191	35322	35569	35361	0.54	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	21117	20524	20691	20777	1.47	cps
Rhodium	103-1	6126835	6081992	6050293	6086373	0.63	cps
Rhodium	103-2	1475532	1461774	1461015	1466107	0.56	cps
Scandium	45-1	3479861	3470979	3441178	3464006	0.58	cps
Scandium	45-2	22328	22535	22368	22410	0.49	cps
Selenium	77-2	113	90	110	104	12.08	cps
Selenium	78-2	333	328	341	334	1.95	cps
Selenium	82-1	19685	19848	19925	19819	0.62	cps
Silicon	28-1	1670044	1668887	1669906	1669612	0.04	cps
Silver	109-1	759694	756300	755173	757055	0.31	cps
Silver	107-1	788029	789105	788251	788462	0.07	cps
Sodium	23-2	85590	84760	85088	85146	0.49	cps
Strontium	86-1	1013092	1017881	1007157	1012710	0.53	cps
Strontium	88-1	8885344	8919112	8791415	8865291	0.75	cps
Sulfur	34-1	306847	305913	310006	307589	0.70	cps
Terbium	159-1	8939666	8828168	8816482	8861438	0.77	cps
Terbium	159-2	1616472	1577318	1585935	1593242	1.29	cps
Thallium	203-1	1330608	1324942	1326610	1327387	0.22	cps
Thallium	205-1	3315775	3261547	3275486	3284269	0.86	cps
Tin	118-1	2779829	2750193	2773506	2767843	0.56	cps
Titanium	47-1	380087	379532	376607	378742	0.49	cps
Uranium	238-1	11800514	11689820	11750891	11747075	0.47	cps
Vanadium	51-2	39188	38690	39456	39111	0.99	cps
Yttrium	89-1	6819718	6802427	6676234	6766126	1.16	cps
Yttrium	89-2	179266	176846	176562	177558	0.84	cps
Zinc	66-2	18726	18806	18706	18746	0.28	cps
Zirconium	90-1	5486440	5439077	5394499	5440005	0.85	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:49:35	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1204183	1208499	1193253	1201978	0.65	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:53:06	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	17	8	100.02	cps
Antimony	121-1	6185	6535	7352	6691	8.95	cps
Arsenic	75-2	6	15	7	9	52.86	cps
Barium	135-1	33	75	42	50	44.10	cps
Barium	137-1	58	50	33	47	26.97	cps
Beryllium	9-1	178	206	222	202	11.12	cps
Bismuth	209-1	5943179	5816395	5765500	5841691	1.57	cps
Bismuth	209-2	1323277	1341910	1333913	1333033	0.70	cps
Boron	10-1	1158	1142	908	1070	13.07	cps
Boron	11-1	5601	5084	4601	5096	9.82	cps
Cadmium	111-1	903	913	827	881	5.34	cps
Cadmium	106-1	1217	1250	1183	1217	2.74	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	833	767	650	750	12.37	cps
Calcium	44-1	12206	12756	12197	12387	2.59	cps
Chromium	52-2	287	200	187	224	24.19	cps
Cobalt	59-2	50	50	30	43	26.65	cps
Copper	63-2	140	123	170	144	16.37	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	42	75	53	36.47	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	50	67	25	47	44.41	cps
Gadolinium	160-2	3	10	0	4	114.60	cps
Holmium	165-1	8619272	8497999	8422119	8513130	1.17	cps
Holmium	165-2	1623858	1661053	1663611	1649507	1.35	cps
Indium	115-1	6723200	6658680	6591563	6657815	0.99	cps
Indium	115-2	248962	249389	250133	249495	0.24	cps
Iron	56-2	1239	1250	1178	1222	3.18	cps
Iron	57-2	22	50	50	41	39.37	cps
Lead	206-1	461	422	472	452	5.81	cps
Lead	207-1	372	506	389	422	17.21	cps
Lead	208-1	1928	1822	1906	1885	2.95	cps
Lithium	6-1	1028920	1040209	1021916	1030348	0.90	cps
Magnesium	24-2	133	200	175	169	19.88	cps
Manganese	55-2	17	13	23	18	28.64	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:53:06	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1275	1483	1425	1395	7.71	cps
Molybdenum	95-1	1500	1992	2259	1917	20.07	cps
Molybdenum	96-1	1625	2225	2459	2103	20.45	cps
Molybdenum	97-1	1008	1342	1217	1189	14.16	cps
Molybdenum	98-1	2442	3134	3601	3059	19.06	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	223	200	200	208	6.48	cps
Phosphorus	31-2	0	0	33	11	173.21	cps
Potassium	39-2	1617	1767	1600	1661	5.53	cps
Rhodium	103-1	6178511	6110840	5963286	6084213	1.81	cps
Rhodium	103-2	1479567	1502901	1479079	1487182	0.92	cps
Scandium	45-1	3436288	3440431	3394467	3423729	0.74	cps
Scandium	45-2	22067	22368	21811	22082	1.26	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	20	-72	14	-13	-407.18	cps
Silicon	28-1	317268	313372	315485	315375	0.62	cps
Silver	109-1	133	108	83	108	23.08	cps
Silver	107-1	167	142	142	150	9.62	cps
Sodium	23-2	4318	3876	4451	4215	7.14	cps
Strontium	86-1	617	458	458	511	17.89	cps
Strontium	88-1	408	283	317	336	19.26	cps
Sulfur	34-1	304923	306924	307427	306425	0.43	cps
Terbium	159-1	8916472	8828936	8668851	8804753	1.43	cps
Terbium	159-2	1576107	1592381	1544470	1570986	1.55	cps
Thallium	203-1	717	742	517	658	18.73	cps
Thallium	205-1	1375	1550	1625	1517	8.46	cps
Tin	118-1	2434	2609	2700	2581	5.25	cps
Titanium	47-1	133	92	133	119	20.14	cps
Uranium	238-1	567	625	758	650	15.12	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	6839157	6697438	6634647	6723747	1.56	cps
Yttrium	89-2	177510	177287	176919	177239	0.17	cps
Zinc	66-2	77	63	60	67	13.23	cps
Zirconium	90-1	692	733	642	689	6.66	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:53:06	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	183	125	153	19.16	cps

LB Number : LB93878 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2018-03-13 14:56:28 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328713	324005	320002	324240	1.34	cps
Antimony	121-1	11005	11489	12582	11692	6.91	cps
Arsenic	75-2	43	33	20	32	34.77	cps
Barium	135-1	2475	2200	2650	2442	9.29	cps
Barium	137-1	4709	4176	4559	4481	6.14	cps
Beryllium	9-1	244	350	394	330	23.37	cps
Bismuth	209-1	5699325	5606784	5627978	5644695	0.86	cps
Bismuth	209-2	1269734	1262876	1278635	1270415	0.62	cps
Boron	10-1	842	742	825	803	6.67	cps
Boron	11-1	3884	3676	3634	3731	3.59	cps
Cadmium	111-1	1228	1421	1399	1350	7.82	cps
Cadmium	106-1	1225	1167	1308	1233	5.77	cps
Cadmium	108-1	917	821	929	889	6.67	cps
Calcium	43-1	1481545	1489770	1472683	1481332	0.58	cps
Calcium	44-1	23955062	23997268	23886397	23946242	0.23	cps
Chromium	52-2	10718	10307	10371	10465	2.11	cps
Cobalt	59-2	1393	1410	1370	1391	1.44	cps
Copper	63-2	7876	7799	7782	7819	0.64	cps
Dysprosium	156-1	17	8	67	31	103.26	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	42	25	58	42	40.00	cps
Erbium	164-2	23	7	0	10	120.16	cps
Gadolinium	160-1	67	75	75	72	6.66	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	8692818	8670683	8604332	8655945	0.53	cps
Holmium	165-2	1625032	1638276	1640425	1634578	0.51	cps
Indium	115-1	6465671	6427445	6496708	6463274	0.54	cps
Indium	115-2	236484	235426	233950	235287	0.54	cps
Iron	56-2	33811296	33229961	33125667	33388975	1.11	cps
Iron	57-2	852969	836737	843829	844512	0.96	cps
Lead	206-1	26183	25782	25465	25810	1.39	cps
Lead	207-1	20578	20311	19977	20289	1.48	cps
Lead	208-1	97563	95780	95614	96319	1.12	cps
Lithium	6-1	973050	965263	977768	972027	0.65	cps
Magnesium	24-2	1730803	1687518	1708352	1708891	1.27	cps
Manganese	55-2	1137	1187	1107	1143	3.54	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:56:28	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3489495	3524550	3472976	3495674	0.75	cps
Molybdenum	95-1	6114375	6092167	6053594	6086712	0.51	cps
Molybdenum	96-1	6540434	6564181	6550040	6551552	0.18	cps
Molybdenum	97-1	3883274	3860508	3853714	3865832	0.40	cps
Molybdenum	98-1	9940100	9816675	9749934	9835570	0.98	cps
Neodymium	150-1	33	20	27	27	24.99	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	2167	2234	2220	2207	1.60	cps
Phosphorus	31-2	23963	23145	22777	23295	2.61	cps
Potassium	39-2	908903	898326	906548	904592	0.61	cps
Rhodium	103-1	5860435	5812351	5756952	5809913	0.89	cps
Rhodium	103-2	1387630	1375517	1378419	1380522	0.46	cps
Scandium	45-1	3348728	3345673	3330482	3341628	0.29	cps
Scandium	45-2	20812	21026	20786	20875	0.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-13	79	-40	9	706.63	cps
Silicon	28-1	405360	407485	405948	406264	0.27	cps
Silver	109-1	467	617	517	533	14.32	cps
Silver	107-1	525	667	700	631	14.74	cps
Sodium	23-2	3881884	3873487	3847476	3867616	0.46	cps
Strontium	86-1	67484	66646	68305	67478	1.23	cps
Strontium	88-1	586566	584548	585301	585472	0.17	cps
Sulfur	34-1	2043263	2012182	2015622	2023689	0.84	cps
Terbium	159-1	9019587	8893899	8971916	8961801	0.71	cps
Terbium	159-2	1544281	1553850	1560006	1552712	0.51	cps
Thallium	203-1	1425	1542	1283	1417	9.13	cps
Thallium	205-1	3201	3501	3259	3320	4.79	cps
Tin	118-1	2750	2934	2692	2792	4.52	cps
Titanium	47-1	1465755	1465832	1476599	1469395	0.42	cps
Uranium	238-1	558	542	650	583	10.00	cps
Vanadium	51-2	60	83	70	71	16.47	cps
Yttrium	89-1	6653035	6723213	6668265	6681504	0.55	cps
Yttrium	89-2	171965	170026	169369	170453	0.79	cps
Zinc	66-2	1117	1053	1083	1085	2.92	cps
Zirconium	90-1	2967	3151	3092	3070	3.05	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:56:28	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	775	683	942	800	16.37	cps

LB Number : LB93878 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2018-03-13 14:59:46 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	309393	308546	304927	307622	0.77	cps
Antimony	121-1	159246	161430	161196	160624	0.75	cps
Arsenic	75-2	1183	1165	1252	1200	3.82	cps
Barium	135-1	35866	34981	36234	35694	1.80	cps
Barium	137-1	63754	60029	61727	61837	3.02	cps
Beryllium	9-1	15275	15659	14786	15240	2.87	cps
Bismuth	209-1	5624834	5663302	5604992	5631043	0.53	cps
Bismuth	209-2	1250229	1243955	1253909	1249364	0.40	cps
Boron	10-1	6160	5810	5835	5935	3.29	cps
Boron	11-1	26801	26333	26859	26665	1.08	cps
Cadmium	111-1	32492	33645	32782	32973	1.82	cps
Cadmium	106-1	5151	5168	5101	5140	0.68	cps
Cadmium	108-1	3155	3200	3192	3182	0.77	cps
Calcium	43-1	1431863	1420855	1425513	1426077	0.39	cps
Calcium	44-1	22987725	22988269	22781363	22919119	0.52	cps
Chromium	52-2	19834	19427	19514	19592	1.09	cps
Cobalt	59-2	22986	22976	23159	23040	0.45	cps
Copper	63-2	26849	27003	26328	26727	1.32	cps
Dysprosium	156-1	17	58	17	31	78.72	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	50	42	42	44	10.82	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	42	50	83	58	37.80	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	8493383	8469041	8446906	8469777	0.27	cps
Holmium	165-2	1601420	1564453	1585090	1583654	1.17	cps
Indium	115-1	6373865	6450893	6343674	6389477	0.87	cps
Indium	115-2	231754	228368	228642	229588	0.82	cps
Iron	56-2	31920640	31679331	31421563	31673845	0.79	cps
Iron	57-2	811955	804907	797938	804933	0.87	cps
Lead	206-1	131276	131630	131176	131361	0.18	cps
Lead	207-1	110920	109754	109429	110034	0.71	cps
Lead	208-1	514780	514593	511332	513568	0.38	cps
Lithium	6-1	952964	956743	939519	949742	0.95	cps
Magnesium	24-2	1633910	1608830	1638071	1626937	0.97	cps
Manganese	55-2	3891	3727	3834	3817	2.17	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:59:46	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3672646	3635212	3678029	3661962	0.64	cps
Molybdenum	95-1	6088300	6038442	6039082	6055275	0.47	cps
Molybdenum	96-1	6544481	6532321	6500288	6525697	0.35	cps
Molybdenum	97-1	3856386	3808816	3799043	3821415	0.80	cps
Molybdenum	98-1	9692554	9824520	9767864	9761646	0.68	cps
Neodymium	150-1	47	53	40	47	14.29	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	8436	8036	8313	8261	2.48	cps
Phosphorus	31-2	22719	21442	21350	21837	3.50	cps
Potassium	39-2	864477	855182	848549	856070	0.93	cps
Rhodium	103-1	5667617	5725605	5684695	5692639	0.52	cps
Rhodium	103-2	1346656	1336764	1332800	1338740	0.53	cps
Scandium	45-1	3233019	3219870	3214790	3222559	0.29	cps
Scandium	45-2	20398	20001	20288	20229	1.01	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	48	22	41	37	36.06	cps
Selenium	82-1	1969	1792	1814	1858	5.20	cps
Silicon	28-1	553268	550232	547183	550228	0.55	cps
Silver	109-1	136813	139423	138186	138141	0.94	cps
Silver	107-1	144592	145376	145275	145081	0.29	cps
Sodium	23-2	3737022	3651404	3631487	3673304	1.53	cps
Strontium	86-1	169987	166232	166925	167715	1.19	cps
Strontium	88-1	1480641	1471660	1488105	1480135	0.56	cps
Sulfur	34-1	1949380	1930293	1947661	1942444	0.54	cps
Terbium	159-1	8831891	8803049	8733468	8789469	0.58	cps
Terbium	159-2	1506359	1495640	1514085	1505361	0.62	cps
Thallium	203-1	131474	131701	131515	131563	0.09	cps
Thallium	205-1	317781	316607	313678	316022	0.67	cps
Tin	118-1	278274	274527	271043	274614	1.32	cps
Titanium	47-1	1445457	1443488	1447224	1445390	0.13	cps
Uranium	238-1	1140091	1146381	1142435	1142969	0.28	cps
Vanadium	51-2	7339	7065	6865	7090	3.35	cps
Yttrium	89-1	6517452	6444908	6507594	6489985	0.61	cps
Yttrium	89-2	165704	163803	163238	164248	0.79	cps
Zinc	66-2	2650	2690	2764	2701	2.13	cps
Zirconium	90-1	552807	546619	550513	549980	0.57	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 14:59:46	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	120765	122682	121042	121496	0.85	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:03:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172334	172359	169170	171288	1.07	cps
Antimony	121-1	3792641	3771384	3767421	3777149	0.36	cps
Arsenic	75-2	32549	32174	32301	32341	0.59	cps
Barium	135-1	4126558	4080310	4114723	4107197	0.58	cps
Barium	137-1	7144745	7028264	7062343	7078450	0.85	cps
Beryllium	9-1	371246	366849	366459	368185	0.72	cps
Bismuth	209-1	5603753	5562119	5538885	5568252	0.59	cps
Bismuth	209-2	1236530	1244317	1239637	1240161	0.32	cps
Boron	10-1	43626	44520	44595	44247	1.22	cps
Boron	11-1	205401	208518	212018	208646	1.59	cps
Cadmium	111-1	767664	766036	764155	765951	0.23	cps
Cadmium	106-1	80574	81346	79870	80597	0.92	cps
Cadmium	108-1	55439	55263	56075	55592	0.77	cps
Calcium	43-1	3526763	3520144	3554169	3533692	0.51	cps
Calcium	44-1	57430530	57363491	57657203	57483742	0.27	cps
Chromium	52-2	250417	250264	249656	250113	0.16	cps
Cobalt	59-2	545110	545338	543820	544756	0.15	cps
Copper	63-2	939074	939501	938098	938891	0.08	cps
Dysprosium	156-1	92	42	167	100	62.92	cps
Dysprosium	156-2	23	7	7	12	78.69	cps
Erbium	164-1	17	83	67	56	62.45	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	117	83	92	97	17.84	cps
Gadolinium	160-2	10	7	0	6	91.64	cps
Holmium	165-1	8498105	8475715	8496290	8490037	0.15	cps
Holmium	165-2	1593585	1586949	1615319	1598618	0.93	cps
Indium	115-1	6246852	6251686	6214582	6237707	0.32	cps
Indium	115-2	226385	225895	226293	226191	0.12	cps
Iron	56-2	39700433	39693925	39622698	39672352	0.11	cps
Iron	57-2	1016053	1008866	1009138	1011352	0.40	cps
Lead	206-1	2668129	2683176	2643838	2665048	0.74	cps
Lead	207-1	2420270	2483196	2432786	2445418	1.36	cps
Lead	208-1	10773814	10809665	10742599	10775360	0.31	cps
Lithium	6-1	923418	937619	948038	936358	1.32	cps
Magnesium	24-2	4147426	4140402	4125917	4137915	0.27	cps
Manganese	55-2	137788	139370	137327	138161	0.78	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:03:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6255245	6193465	6286870	6245193	0.76	cps
Molybdenum	95-1	7664384	7620073	7645995	7643484	0.29	cps
Molybdenum	96-1	8576142	8515798	8539899	8543946	0.36	cps
Molybdenum	97-1	4861584	4811026	4866514	4846374	0.63	cps
Molybdenum	98-1	12382706	12354151	12436370	12391076	0.34	cps
Neodymium	150-1	193	207	187	196	5.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	160846	159865	158659	159790	0.69	cps
Phosphorus	31-2	2234	2425	2367	2342	4.20	cps
Potassium	39-2	1102859	1113997	1099911	1105589	0.67	cps
Rhodium	103-1	5523355	5537834	5537934	5533041	0.15	cps
Rhodium	103-2	1324404	1325575	1320108	1323363	0.22	cps
Scandium	45-1	3256337	3220791	3229582	3235570	0.57	cps
Scandium	45-2	20906	20665	20806	20792	0.58	cps
Selenium	77-2	153	163	213	177	18.19	cps
Selenium	78-2	744	687	732	721	4.18	cps
Selenium	82-1	47120	46458	46343	46640	0.90	cps
Silicon	28-1	1779132	1797812	1804074	1793673	0.72	cps
Silver	109-1	3622264	3622360	3587979	3610868	0.55	cps
Silver	107-1	3730026	3710403	3748778	3729736	0.51	cps
Sodium	23-2	9582721	9649878	9605124	9612574	0.36	cps
Strontium	86-1	1004550	995480	995430	998487	0.53	cps
Strontium	88-1	8698623	8627551	8646815	8657663	0.42	cps
Sulfur	34-1	692855	691078	689584	691173	0.24	cps
Terbium	159-1	8748352	8748068	8675920	8724113	0.48	cps
Terbium	159-2	1509149	1527469	1505720	1514113	0.77	cps
Thallium	203-1	3225183	3241222	3214487	3226964	0.42	cps
Thallium	205-1	7663269	7642488	7664374	7656710	0.16	cps
Tin	118-1	2641531	2620900	2646389	2636273	0.51	cps
Titanium	47-1	1769059	1787611	1770446	1775706	0.58	cps
Uranium	238-1	11176880	11138233	11051201	11122105	0.58	cps
Vanadium	51-2	184449	183920	185011	184460	0.30	cps
Yttrium	89-1	6466646	6454966	6443982	6455198	0.18	cps
Yttrium	89-2	164699	164612	165718	165010	0.37	cps
Zinc	66-2	83697	83422	83358	83493	0.22	cps
Zirconium	90-1	5220689	5272112	5223934	5238912	0.55	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:03:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1162369	1158846	1163265	1161493	0.20	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:07:10	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	17	17	0.00	cps
Antimony	121-1	7536	8737	9570	8614	11.87	cps
Arsenic	75-2	11	17	6	11	49.99	cps
Barium	135-1	42	142	67	83	62.45	cps
Barium	137-1	117	175	75	122	41.10	cps
Beryllium	9-1	239	333	228	267	21.75	cps
Bismuth	209-1	5921534	5980869	5944441	5948948	0.50	cps
Bismuth	209-2	1341076	1324513	1337848	1334479	0.66	cps
Boron	10-1	983	1350	1083	1139	16.64	cps
Boron	11-1	6368	5660	5743	5924	6.54	cps
Cadmium	111-1	965	815	928	903	8.64	cps
Cadmium	106-1	1333	1033	1258	1208	12.92	cps
Cadmium	108-1	21	0	4	8	132.26	cps
Calcium	43-1	750	658	767	725	8.05	cps
Calcium	44-1	12915	12681	13482	13026	3.16	cps
Chromium	52-2	273	240	220	244	11.02	cps
Cobalt	59-2	33	40	60	44	31.23	cps
Copper	63-2	177	173	160	170	5.19	cps
Dysprosium	156-1	8	50	0	19	137.78	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	92	17	47	83.40	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	8662810	8651604	8546491	8620302	0.74	cps
Holmium	165-2	1647334	1640328	1635613	1641092	0.36	cps
Indium	115-1	6642388	6674643	6613676	6643569	0.46	cps
Indium	115-2	244961	240898	240174	242011	1.07	cps
Iron	56-2	3084	2989	3228	3100	3.88	cps
Iron	57-2	50	78	83	70	25.38	cps
Lead	206-1	900	683	700	761	15.84	cps
Lead	207-1	633	672	694	667	4.64	cps
Lead	208-1	3034	2784	2861	2893	4.42	cps
Lithium	6-1	1014156	1020414	996137	1010236	1.25	cps
Magnesium	24-2	233	275	225	244	10.96	cps
Manganese	55-2	23	20	30	24	20.83	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:07:10	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2300	2542	2842	2561	10.60	cps
Molybdenum	95-1	3384	4409	4643	4145	16.15	cps
Molybdenum	96-1	3484	4809	5076	4457	19.14	cps
Molybdenum	97-1	2259	2425	3034	2573	15.86	cps
Molybdenum	98-1	4726	6827	7811	6455	24.41	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	223	227	197	216	7.63	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	1692	1925	1709	1775	7.33	cps
Rhodium	103-1	5982522	6007818	6001216	5997186	0.22	cps
Rhodium	103-2	1457390	1436400	1442649	1445480	0.75	cps
Scandium	45-1	3334226	3317574	3335969	3329257	0.31	cps
Scandium	45-2	21210	21023	20862	21031	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-3	23	28	16	106.28	cps
Silicon	28-1	303373	306281	298919	302857	1.22	cps
Silver	109-1	317	408	275	333	20.46	cps
Silver	107-1	383	233	375	331	25.50	cps
Sodium	23-2	6043	5868	5668	5860	3.20	cps
Strontium	86-1	567	450	417	478	16.49	cps
Strontium	88-1	208	333	175	239	34.94	cps
Sulfur	34-1	297655	297017	296505	297059	0.19	cps
Terbium	159-1	8985097	8959157	8946219	8963491	0.22	cps
Terbium	159-2	1595542	1531163	1544091	1556932	2.19	cps
Thallium	203-1	1317	1117	1108	1181	9.99	cps
Thallium	205-1	2992	2384	2625	2667	11.49	cps
Tin	118-1	1208	1709	1659	1525	18.06	cps
Titanium	47-1	242	208	283	244	15.37	cps
Uranium	238-1	217	283	325	275	19.87	cps
Vanadium	51-2	13	0	10	8	89.21	cps
Yttrium	89-1	6743901	6676797	6740466	6720388	0.56	cps
Yttrium	89-2	173257	167882	168769	169969	1.70	cps
Zinc	66-2	80	67	47	64	26.03	cps
Zirconium	90-1	558	650	783	664	17.04	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:07:10	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	150	192	158	18.98	cps

LB Number : LB93878 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-03-13 15:10:33 DataFile Name : 018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	33	108	69	54.12	cps
Antimony	121-1	16936	18088	19223	18082	6.32	cps
Arsenic	75-2	85	69	76	77	10.91	cps
Barium	135-1	16144	14867	15651	15554	4.14	cps
Barium	137-1	27104	27338	27220	27221	0.43	cps
Beryllium	9-1	933	989	889	937	5.35	cps
Bismuth	209-1	6016610	5953207	6001759	5990525	0.55	cps
Bismuth	209-2	1331089	1326543	1339000	1332211	0.47	cps
Boron	10-1	2559	3084	2542	2728	11.29	cps
Boron	11-1	12381	13307	12423	12703	4.12	cps
Cadmium	111-1	2414	2361	2240	2338	3.81	cps
Cadmium	106-1	1442	1158	1175	1258	12.64	cps
Cadmium	108-1	100	96	142	113	22.53	cps
Calcium	43-1	7052	6935	7369	7119	3.15	cps
Calcium	44-1	122388	122883	120883	122052	0.85	cps
Chromium	52-2	1237	1157	1300	1231	5.83	cps
Cobalt	59-2	1073	1083	1117	1091	2.08	cps
Copper	63-2	2140	2134	1930	2068	5.77	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	17	67	44	57.28	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	33	58	33	42	34.65	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	8581115	8675829	8598528	8618491	0.58	cps
Holmium	165-2	1647651	1615786	1648958	1637465	1.15	cps
Indium	115-1	6614353	6685757	6642804	6647638	0.54	cps
Indium	115-2	243477	239539	242669	241895	0.86	cps
Iron	56-2	18685	19030	18507	18741	1.42	cps
Iron	57-2	556	406	411	457	18.59	cps
Lead	206-1	5979	5629	5785	5798	3.03	cps
Lead	207-1	5640	5296	5457	5464	3.16	cps
Lead	208-1	24788	23593	23971	24117	2.53	cps
Lithium	6-1	1015965	1020122	995949	1010679	1.28	cps
Magnesium	24-2	8036	8178	8144	8119	0.91	cps
Manganese	55-2	153	133	167	151	11.10	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:10:33	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12581	12982	13182	12915	2.37	cps
Molybdenum	95-1	15142	16219	16035	15799	3.64	cps
Molybdenum	96-1	17846	17737	17729	17771	0.37	cps
Molybdenum	97-1	9329	9762	10646	9912	6.78	cps
Molybdenum	98-1	25567	24623	26452	25547	3.58	cps
Neodymium	150-1	7	27	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	573	483	537	531	8.52	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	5668	6118	5952	5913	3.85	cps
Rhodium	103-1	5998206	6105713	6010829	6038249	0.97	cps
Rhodium	103-2	1440626	1431043	1433165	1434945	0.35	cps
Scandium	45-1	3340336	3369423	3305961	3338573	0.95	cps
Scandium	45-2	21186	20829	21109	21042	0.89	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	11	9	15	12	24.14	cps
Selenium	82-1	496	470	430	465	7.09	cps
Silicon	28-1	338671	337578	339658	338635	0.31	cps
Silver	109-1	7628	7110	7561	7433	3.78	cps
Silver	107-1	7577	8186	7644	7803	4.28	cps
Sodium	23-2	24188	23921	23328	23812	1.85	cps
Strontium	86-1	2475	2384	2125	2328	7.80	cps
Strontium	88-1	16235	16577	16386	16399	1.05	cps
Sulfur	34-1	300261	297810	299023	299031	0.41	cps
Terbium	159-1	8893542	9009879	8923141	8942187	0.68	cps
Terbium	159-2	1561750	1519044	1552703	1544499	1.46	cps
Thallium	203-1	7086	7277	7102	7155	1.48	cps
Thallium	205-1	16920	16495	16837	16751	1.35	cps
Tin	118-1	24932	24624	25985	25180	2.83	cps
Titanium	47-1	3367	3659	3367	3464	4.86	cps
Uranium	238-1	20902	20902	20985	20929	0.23	cps
Vanadium	51-2	1790	1703	1913	1802	5.86	cps
Yttrium	89-1	6742603	6701579	6726371	6723518	0.31	cps
Yttrium	89-2	171056	167844	169615	169505	0.95	cps
Zinc	66-2	207	253	250	237	11.00	cps
Zirconium	90-1	10605	10930	11105	10880	2.33	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:10:33	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2450	2625	2642	2573	4.13	cps

LB Number : LB93878 Operator : Jaswal
 Lab Sample ID : PB107275BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-13 15:13:54 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	0	6	173.21	cps
Antimony	121-1	1800	2292	2725	2273	20.37	cps
Arsenic	75-2	0	0	2	1	173.21	cps
Barium	135-1	25	17	33	25	33.32	cps
Barium	137-1	50	58	58	56	8.67	cps
Beryllium	9-1	167	178	161	169	5.04	cps
Bismuth	209-1	6018108	5969139	5964925	5984058	0.49	cps
Bismuth	209-2	1313329	1319494	1317890	1316904	0.24	cps
Boron	10-1	742	758	692	731	4.75	cps
Boron	11-1	3526	3092	3117	3245	7.50	cps
Cadmium	111-1	801	829	833	821	2.13	cps
Cadmium	106-1	1108	1158	1167	1145	2.76	cps
Cadmium	108-1	0	4	13	6	114.53	cps
Calcium	43-1	683	625	767	692	10.29	cps
Calcium	44-1	12556	12298	12039	12298	2.10	cps
Chromium	52-2	183	207	227	206	10.55	cps
Cobalt	59-2	40	23	37	33	26.47	cps
Copper	63-2	107	107	143	119	17.81	cps
Dysprosium	156-1	42	17	0	19	107.85	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	50	42	8	33	66.15	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	8606401	8634871	8458960	8566744	1.10	cps
Holmium	165-2	1609526	1603217	1613306	1608683	0.32	cps
Indium	115-1	6621994	6662716	6564971	6616560	0.74	cps
Indium	115-2	240440	239176	240073	239897	0.27	cps
Iron	56-2	1995	1739	1822	1852	7.04	cps
Iron	57-2	50	28	50	43	30.12	cps
Lead	206-1	511	589	433	511	15.22	cps
Lead	207-1	433	422	444	433	2.56	cps
Lead	208-1	2122	2028	1983	2045	3.47	cps
Lithium	6-1	1010228	1017028	1009891	1012382	0.40	cps
Magnesium	24-2	150	192	233	192	21.74	cps
Manganese	55-2	10	7	17	11	45.82	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107275BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:13:54	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	675	792	1117	861	26.58	cps
Molybdenum	95-1	1100	1150	1183	1145	3.66	cps
Molybdenum	96-1	925	1133	1617	1225	28.97	cps
Molybdenum	97-1	542	725	892	719	24.33	cps
Molybdenum	98-1	1233	1917	2150	1767	26.97	cps
Neodymium	150-1	20	27	0	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	223	230	230	228	1.69	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	1675	1684	1767	1709	2.97	cps
Rhodium	103-1	5999560	6095046	5997573	6030727	0.92	cps
Rhodium	103-2	1420314	1414550	1425265	1420043	0.38	cps
Scandium	45-1	3348778	3350471	3310717	3336656	0.67	cps
Scandium	45-2	20549	21223	20465	20746	2.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	12	-1	-41	-10	-272.97	cps
Silicon	28-1	300717	298877	297696	299096	0.51	cps
Silver	109-1	142	208	108	153	33.33	cps
Silver	107-1	183	133	258	192	32.83	cps
Sodium	23-2	5026	4726	5151	4968	4.40	cps
Strontium	86-1	567	492	500	519	7.91	cps
Strontium	88-1	117	217	158	164	30.65	cps
Sulfur	34-1	299674	298301	301648	299874	0.56	cps
Terbium	159-1	9011772	8903324	8837224	8917440	0.99	cps
Terbium	159-2	1521844	1517052	1526222	1521706	0.30	cps
Thallium	203-1	633	708	700	681	6.04	cps
Thallium	205-1	1567	1675	1692	1645	4.13	cps
Tin	118-1	733	850	967	850	13.73	cps
Titanium	47-1	83	83	100	89	10.83	cps
Uranium	238-1	58	83	83	75	19.24	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Yttrium	89-1	6701703	6637242	6624369	6654438	0.62	cps
Yttrium	89-2	168426	167418	168281	168042	0.32	cps
Zinc	66-2	40	43	70	51	32.17	cps
Zirconium	90-1	550	517	525	531	3.27	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107275BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:13:54	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	108	150	131	16.06	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107275BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:17:17	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	158	142	161	13.02	cps
Antimony	121-1	30235	31321	31003	30853	1.81	cps
Arsenic	75-2	133	141	137	137	2.70	cps
Barium	135-1	31614	31372	32124	31703	1.21	cps
Barium	137-1	55417	54622	54899	54979	0.73	cps
Beryllium	9-1	1667	1589	1567	1608	3.27	cps
Bismuth	209-1	5524879	5740936	5823900	5696572	2.71	cps
Bismuth	209-2	1314770	1308601	1309405	1310925	0.26	cps
Boron	10-1	4217	4293	4618	4376	4.86	cps
Boron	11-1	20023	21158	21041	20741	3.01	cps
Cadmium	111-1	4006	3971	3749	3909	3.57	cps
Cadmium	106-1	1275	1458	1392	1375	6.75	cps
Cadmium	108-1	250	167	233	217	20.35	cps
Calcium	43-1	14792	14466	14099	14452	2.40	cps
Calcium	44-1	234782	231352	233368	233168	0.74	cps
Chromium	52-2	2434	2040	2180	2218	8.99	cps
Cobalt	59-2	2320	2304	2434	2352	3.01	cps
Copper	63-2	3951	3864	4061	3958	2.49	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	33	75	50	44.10	cps
Erbium	164-2	20	3	7	10	88.20	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	7898536	8290542	8408112	8199063	3.25	cps
Holmium	165-2	1617248	1611379	1579273	1602633	1.28	cps
Indium	115-1	6164389	6445790	6442675	6350951	2.54	cps
Indium	115-2	236585	236982	235668	236412	0.29	cps
Iron	56-2	122331	123996	122187	122838	0.82	cps
Iron	57-2	3106	3034	3045	3062	1.27	cps
Lead	206-1	11000	11100	10749	10949	1.65	cps
Lead	207-1	9965	9721	9498	9728	2.40	cps
Lead	208-1	44749	45562	43397	44569	2.45	cps
Lithium	6-1	946003	978492	982939	969145	2.08	cps
Magnesium	24-2	16844	16577	16285	16569	1.69	cps
Manganese	55-2	310	323	317	317	2.10	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107275BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:17:17	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25374	24807	24907	25030	1.21	cps
Molybdenum	95-1	29057	30652	30234	29981	2.76	cps
Molybdenum	96-1	33417	33534	33267	33406	0.40	cps
Molybdenum	97-1	17921	18847	18463	18410	2.53	cps
Molybdenum	98-1	47694	47861	48195	47916	0.53	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	897	937	863	899	4.08	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	10796	9904	10504	10401	4.37	cps
Rhodium	103-1	5602685	5849709	5857666	5770020	2.51	cps
Rhodium	103-2	1408259	1408926	1404391	1407192	0.17	cps
Scandium	45-1	3063344	3205152	3268813	3179103	3.31	cps
Scandium	45-2	20669	20629	20579	20625	0.22	cps
Selenium	77-2	7	13	17	12	41.65	cps
Selenium	78-2	19	13	7	13	42.85	cps
Selenium	82-1	947	956	870	924	5.08	cps
Silicon	28-1	374077	378034	373648	375253	0.64	cps
Silver	109-1	14759	14483	14083	14442	2.35	cps
Silver	107-1	15184	15426	15084	15231	1.15	cps
Sodium	23-2	43810	42356	41963	42710	2.28	cps
Strontium	86-1	4034	4401	3959	4131	5.72	cps
Strontium	88-1	33701	33241	33601	33514	0.72	cps
Sulfur	34-1	294031	296695	300064	296930	1.02	cps
Terbium	159-1	8234986	8696263	8688889	8540046	3.09	cps
Terbium	159-2	1503101	1501057	1491781	1498646	0.40	cps
Thallium	203-1	13299	13616	13499	13472	1.19	cps
Thallium	205-1	32259	31975	31406	31880	1.36	cps
Tin	118-1	50128	51040	49493	50221	1.55	cps
Titanium	47-1	7477	7110	6977	7188	3.60	cps
Uranium	238-1	42123	42457	42457	42345	0.46	cps
Vanadium	51-2	3380	3424	3594	3466	3.25	cps
Yttrium	89-1	6162615	6461379	6468021	6364005	2.74	cps
Yttrium	89-2	169034	167183	164551	166922	1.35	cps
Zinc	66-2	413	533	393	447	16.95	cps
Zirconium	90-1	21484	21760	21660	21635	0.64	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107275BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:17:17	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4801	4934	4684	4807	2.60	cps

LB Number : LB93878 Operator : Jaswal
 Lab Sample ID : PB107181BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-13 15:20:39 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	17	6	173.21	cps
Antimony	121-1	858	1092	1425	1125	25.32	cps
Arsenic	75-2	7	4	4	5	43.39	cps
Barium	135-1	42	33	8	28	62.46	cps
Barium	137-1	33	50	33	39	24.74	cps
Beryllium	9-1	156	100	156	137	23.41	cps
Bismuth	209-1	5856576	5830311	5875708	5854198	0.39	cps
Bismuth	209-2	1300420	1299094	1297777	1299097	0.10	cps
Boron	10-1	692	558	550	600	13.25	cps
Boron	11-1	3167	3000	2659	2942	8.81	cps
Cadmium	111-1	805	823	715	781	7.37	cps
Cadmium	106-1	1167	1158	1025	1117	7.12	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	650	700	592	647	8.38	cps
Calcium	44-1	12214	12339	12381	12311	0.71	cps
Chromium	52-2	217	227	203	216	5.43	cps
Cobalt	59-2	40	47	37	41	12.39	cps
Copper	63-2	110	137	117	121	11.46	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	58	50	58	56	8.67	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	8329282	8337601	8511782	8392889	1.23	cps
Holmium	165-2	1598981	1572624	1591251	1587618	0.85	cps
Indium	115-1	6484317	6515502	6543049	6514290	0.45	cps
Indium	115-2	237253	235157	237542	236650	0.55	cps
Iron	56-2	1400	1467	1467	1445	2.66	cps
Iron	57-2	28	28	61	39	49.48	cps
Lead	206-1	439	361	517	439	17.72	cps
Lead	207-1	406	456	428	430	5.83	cps
Lead	208-1	1656	1961	1895	1837	8.75	cps
Lithium	6-1	995963	992992	986138	991698	0.51	cps
Magnesium	24-2	217	258	242	239	8.78	cps
Manganese	55-2	17	10	13	13	25.01	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107181BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:20:39	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	467	575	458	26.41	cps
Molybdenum	95-1	342	733	800	625	39.62	cps
Molybdenum	96-1	542	800	867	736	23.32	cps
Molybdenum	97-1	367	433	467	422	12.06	cps
Molybdenum	98-1	800	983	1283	1022	23.87	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	147	193	159	19.04	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	1675	1884	1725	1761	6.17	cps
Rhodium	103-1	5920290	5854716	5869516	5881507	0.58	cps
Rhodium	103-2	1412550	1411204	1399280	1407678	0.52	cps
Scandium	45-1	3280983	3246160	3258869	3262004	0.54	cps
Scandium	45-2	20799	20388	20378	20522	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	41	-29	-32	-7	-610.00	cps
Silicon	28-1	293323	292873	296713	294303	0.71	cps
Silver	109-1	133	92	58	94	39.79	cps
Silver	107-1	158	133	100	131	22.42	cps
Sodium	23-2	4759	4259	4926	4648	7.47	cps
Strontium	86-1	500	508	550	519	5.16	cps
Strontium	88-1	217	133	125	158	32.01	cps
Sulfur	34-1	296569	303118	299238	299642	1.10	cps
Terbium	159-1	8693476	8744134	8750214	8729274	0.36	cps
Terbium	159-2	1505874	1495558	1502164	1501198	0.35	cps
Thallium	203-1	517	500	592	536	9.11	cps
Thallium	205-1	1167	1233	1325	1242	6.40	cps
Tin	118-1	642	542	700	628	12.76	cps
Titanium	47-1	158	117	158	144	16.66	cps
Uranium	238-1	25	33	42	33	25.01	cps
Vanadium	51-2	10	3	3	6	69.34	cps
Yttrium	89-1	6515725	6525964	6511278	6517656	0.12	cps
Yttrium	89-2	168107	166352	166130	166863	0.65	cps
Zinc	66-2	87	50	77	71	26.66	cps
Zirconium	90-1	425	458	475	453	5.62	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107181BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:20:39	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	75	92	72	29.04	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107181BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:24:02	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	217	158	186	15.73	cps
Antimony	121-1	31171	29626	30929	30575	2.72	cps
Arsenic	75-2	137	148	120	135	10.34	cps
Barium	135-1	31405	31096	32299	31600	1.98	cps
Barium	137-1	55551	54320	55526	55132	1.28	cps
Beryllium	9-1	1572	1622	1600	1598	1.57	cps
Bismuth	209-1	5977883	5989703	5943798	5970461	0.40	cps
Bismuth	209-2	1336816	1327342	1335548	1333235	0.39	cps
Boron	10-1	4668	4417	4443	4509	3.06	cps
Boron	11-1	20624	21492	22034	21383	3.33	cps
Cadmium	111-1	3931	3875	4043	3950	2.17	cps
Cadmium	106-1	1433	1508	1375	1439	4.65	cps
Cadmium	108-1	229	188	225	214	10.73	cps
Calcium	43-1	14650	14366	13991	14336	2.31	cps
Calcium	44-1	240128	239689	238191	239336	0.42	cps
Chromium	52-2	2270	2240	2370	2294	2.97	cps
Cobalt	59-2	2237	2097	2417	2250	7.13	cps
Copper	63-2	4437	4101	3874	4137	6.85	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	50	36	35.25	cps
Erbium	164-2	20	7	7	11	69.25	cps
Gadolinium	160-1	83	58	42	61	34.32	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	8671076	8690728	8622785	8661529	0.40	cps
Holmium	165-2	1650501	1636199	1650894	1645864	0.51	cps
Indium	115-1	6708499	6621664	6622714	6650959	0.75	cps
Indium	115-2	242246	242180	242524	242317	0.08	cps
Iron	56-2	125605	125437	125757	125600	0.13	cps
Iron	57-2	3156	3306	3234	3232	2.32	cps
Lead	206-1	11439	11244	11111	11265	1.46	cps
Lead	207-1	10271	10154	9754	10060	2.70	cps
Lead	208-1	47030	45589	44482	45700	2.80	cps
Lithium	6-1	1019962	1019439	1008527	1015976	0.64	cps
Magnesium	24-2	16594	16744	17361	16900	2.41	cps
Manganese	55-2	290	300	303	298	2.33	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107181BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:24:02	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25458	24390	24598	24815	2.28	cps
Molybdenum	95-1	29750	29207	30443	29800	2.08	cps
Molybdenum	96-1	33125	34211	33242	33526	1.78	cps
Molybdenum	97-1	18906	18572	18855	18778	0.96	cps
Molybdenum	98-1	47133	48689	48312	48044	1.69	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1070	963	937	990	7.13	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	10137	10571	10838	10515	3.36	cps
Rhodium	103-1	6016889	6101950	5964179	6027673	1.15	cps
Rhodium	103-2	1443122	1444565	1442594	1443427	0.07	cps
Scandium	45-1	3403042	3387320	3328465	3372942	1.17	cps
Scandium	45-2	20662	21320	21073	21018	1.58	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	24	9	15	16	46.63	cps
Selenium	82-1	958	958	991	969	1.98	cps
Silicon	28-1	377278	381350	380523	379717	0.57	cps
Silver	109-1	15526	14942	14967	15145	2.18	cps
Silver	107-1	15885	15701	15284	15623	1.97	cps
Sodium	23-2	43493	43208	43651	43451	0.52	cps
Strontium	86-1	4443	4659	4184	4429	5.37	cps
Strontium	88-1	34520	34127	33743	34130	1.14	cps
Sulfur	34-1	299442	302045	307410	302965	1.34	cps
Terbium	159-1	9006144	9048703	8909383	8988077	0.79	cps
Terbium	159-2	1556512	1549748	1586802	1564354	1.26	cps
Thallium	203-1	13391	13800	13792	13661	1.71	cps
Thallium	205-1	32844	31716	32953	32504	2.11	cps
Tin	118-1	51693	51768	51718	51726	0.07	cps
Titanium	47-1	7344	7069	6944	7119	2.88	cps
Uranium	238-1	41755	42081	43343	42393	1.98	cps
Vanadium	51-2	3617	3531	3481	3543	1.95	cps
Yttrium	89-1	6700109	6693010	6666328	6686483	0.27	cps
Yttrium	89-2	171107	172052	170839	171333	0.37	cps
Zinc	66-2	433	440	443	439	1.16	cps
Zirconium	90-1	21827	21234	21067	21376	1.87	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	PB107181BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:24:02	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4534	4684	4551	4590	1.79	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1856-18A	Instrumnet Name :	P8
Client Sample ID :	MH0RM5A	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:27:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25440	26208	25532	25727	1.63	cps
Antimony	121-1	28707	29091	30018	29272	2.30	cps
Arsenic	75-2	1057	996	1013	1022	3.09	cps
Barium	135-1	684930	681980	679280	682063	0.41	cps
Barium	137-1	1196190	1179534	1188534	1188086	0.70	cps
Beryllium	9-1	478	439	472	463	4.54	cps
Bismuth	209-1	5810762	5974074	6019449	5934762	1.85	cps
Bismuth	209-2	1342549	1347742	1340420	1343570	0.28	cps
Boron	10-1	220406	221805	222625	221612	0.51	cps
Boron	11-1	950166	975269	977815	967750	1.58	cps
Cadmium	111-1	479061	478919	477716	478565	0.15	cps
Cadmium	106-1	43178	44800	43245	43741	2.10	cps
Cadmium	108-1	31069	31758	30765	31198	1.63	cps
Calcium	43-1	2107669	2089054	2061820	2086181	1.11	cps
Calcium	44-1	33784822	33758186	33316084	33619697	0.78	cps
Chromium	52-2	20038	20011	20632	20227	1.74	cps
Cobalt	59-2	10367	10301	10217	10295	0.73	cps
Copper	63-2	455456	451490	452830	453259	0.45	cps
Dysprosium	156-1	16378	15785	16277	16147	1.96	cps
Dysprosium	156-2	2957	3167	3044	3056	3.45	cps
Erbium	164-1	14217	13366	13825	13802	3.08	cps
Erbium	164-2	2550	2444	2370	2455	3.69	cps
Gadolinium	160-1	15527	14968	14968	15154	2.13	cps
Gadolinium	160-2	3664	3864	3881	3803	3.17	cps
Holmium	165-1	8607335	8875912	8852154	8778467	1.69	cps
Holmium	165-2	1683761	1665447	1657855	1669021	0.80	cps
Indium	115-1	6478332	6730016	6776334	6661561	2.41	cps
Indium	115-2	240639	240743	240815	240732	0.04	cps
Iron	56-2	4425288	4473817	4367752	4422286	1.20	cps
Iron	57-2	109886	111402	109874	110387	0.80	cps
Lead	206-1	4346122	4315187	4343881	4335064	0.40	cps
Lead	207-1	3672475	3636707	3660488	3656557	0.50	cps
Lead	208-1	16767143	16650218	16827947	16748436	0.54	cps
Lithium	6-1	993996	1024458	1017398	1011951	1.58	cps
Magnesium	24-2	301384	304232	301885	302500	0.50	cps
Manganese	55-2	78814	80064	79176	79351	0.81	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1856-18A	Instrumnet Name :	P8
Client Sample ID :	MH0RM5A	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:27:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	38205	40386	37862	38818	3.53	cps
Molybdenum	95-1	33793	34921	33116	33943	2.69	cps
Molybdenum	96-1	39133	39893	39091	39372	1.15	cps
Molybdenum	97-1	21635	21735	21585	21651	0.35	cps
Molybdenum	98-1	54427	55180	54268	54625	0.89	cps
Neodymium	150-1	26741	26026	25986	26251	1.62	cps
Neodymium	150-2	3017	3217	3147	3127	3.25	cps
Nickel	60-2	7542	7702	7602	7616	1.06	cps
Phosphorus	31-2	1759	1959	2084	1934	8.48	cps
Potassium	39-2	55066	55778	55084	55310	0.73	cps
Rhodium	103-1	5813495	6079453	6042537	5978495	2.41	cps
Rhodium	103-2	1436508	1441919	1433962	1437463	0.28	cps
Scandium	45-1	3291932	3443070	3376437	3370480	2.25	cps
Scandium	45-2	20852	21303	21023	21059	1.08	cps
Selenium	77-2	17	20	27	21	24.12	cps
Selenium	78-2	43	63	39	48	26.92	cps
Selenium	82-1	2767	2823	2724	2771	1.80	cps
Silicon	28-1	7834646	7803518	7738225	7792130	0.63	cps
Silver	109-1	8353	8378	8236	8322	0.91	cps
Silver	107-1	7703	8603	8628	8311	6.34	cps
Sodium	23-2	487646	482371	478894	482970	0.91	cps
Strontium	86-1	1857322	1829216	1849945	1845494	0.79	cps
Strontium	88-1	15989336	16063700	16010086	16021041	0.24	cps
Sulfur	34-1	949769	965820	940823	952137	1.33	cps
Terbium	159-1	8843641	9141710	9213174	9066175	2.16	cps
Terbium	159-2	1601222	1621360	1582655	1601745	1.21	cps
Thallium	203-1	3109	2584	2684	2792	9.99	cps
Thallium	205-1	6685	6344	6152	6394	4.23	cps
Tin	118-1	231281	232272	228835	230796	0.77	cps
Titanium	47-1	186813	187209	186389	186804	0.22	cps
Uranium	238-1	196370	197757	196198	196775	0.43	cps
Vanadium	51-2	13467	13570	13523	13520	0.38	cps
Yttrium	89-1	6775746	7044393	7078880	6966339	2.38	cps
Yttrium	89-2	175585	176408	175268	175754	0.33	cps
Zinc	66-2	181108	179720	178843	179890	0.64	cps
Zirconium	90-1	53065	50578	51232	51625	2.50	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1856-18A	Instrumnet Name :	P8
Client Sample ID :	MH0RM5A	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:27:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11188	11681	11197	11355	2.48	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1857-13A	Instrumnet Name :	P8
Client Sample ID :	MH0RN9A	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:30:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49521	48843	47723	48696	1.86	cps
Antimony	121-1	114285	115016	114949	114750	0.35	cps
Arsenic	75-2	5905	5872	5857	5878	0.42	cps
Barium	135-1	954444	964227	960209	959626	0.51	cps
Barium	137-1	1711448	1722845	1680740	1705011	1.28	cps
Beryllium	9-1	861	867	1011	913	9.32	cps
Bismuth	209-1	6549016	6555090	6591901	6565336	0.35	cps
Bismuth	209-2	1446777	1433960	1430748	1437162	0.59	cps
Boron	10-1	35846	35863	34576	35428	2.08	cps
Boron	11-1	165206	164746	165679	165210	0.28	cps
Cadmium	111-1	20312	19993	20072	20126	0.83	cps
Cadmium	106-1	5568	5618	5726	5638	1.44	cps
Cadmium	108-1	2259	2425	2409	2364	3.88	cps
Calcium	43-1	1852317	1830749	1854274	1845780	0.71	cps
Calcium	44-1	29767593	29786544	29644247	29732795	0.26	cps
Chromium	52-2	75134	73076	73364	73858	1.51	cps
Cobalt	59-2	13570	12986	13013	13190	2.50	cps
Copper	63-2	350841	347039	345765	347881	0.76	cps
Dysprosium	156-1	45765	47320	46710	46598	1.68	cps
Dysprosium	156-2	5691	5825	5885	5800	1.71	cps
Erbium	164-1	24157	24599	24240	24332	0.97	cps
Erbium	164-2	4141	4074	3934	4050	2.61	cps
Gadolinium	160-1	29000	28799	28983	28928	0.38	cps
Gadolinium	160-2	6525	6792	6925	6747	3.02	cps
Holmium	165-1	8959973	8977036	8925774	8954261	0.29	cps
Holmium	165-2	1676825	1659527	1652373	1662908	0.76	cps
Indium	115-1	6689507	6688719	6705485	6694570	0.14	cps
Indium	115-2	236101	233663	232583	234116	0.77	cps
Iron	56-2	9675735	9524890	9463717	9554781	1.14	cps
Iron	57-2	243150	241366	240489	241668	0.56	cps
Lead	206-1	3327931	3301758	3357432	3329041	0.84	cps
Lead	207-1	2864310	2827469	2866728	2852836	0.77	cps
Lead	208-1	12984609	12938072	13016138	12979607	0.30	cps
Lithium	6-1	996580	973078	981673	983777	1.21	cps
Magnesium	24-2	230657	228348	226603	228536	0.89	cps
Manganese	55-2	210926	206892	201142	206320	2.38	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1857-13A	Instrumnet Name :	P8
Client Sample ID :	MH0RN9A	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:30:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	369647	367373	363241	366753	0.89	cps
Molybdenum	95-1	36350	35322	33734	35135	3.75	cps
Molybdenum	96-1	94924	96794	97786	96501	1.51	cps
Molybdenum	97-1	22403	22160	22879	22481	1.63	cps
Molybdenum	98-1	57799	57389	57966	57718	0.51	cps
Neodymium	150-1	92678	92256	90363	91766	1.34	cps
Neodymium	150-2	10354	10498	10157	10336	1.65	cps
Nickel	60-2	49698	49826	49749	49757	0.13	cps
Phosphorus	31-2	1042	1075	1250	1122	9.97	cps
Potassium	39-2	97738	94684	94928	95783	1.77	cps
Rhodium	103-1	5953664	6008280	5926571	5962838	0.70	cps
Rhodium	103-2	1412039	1395125	1387288	1398151	0.90	cps
Scandium	45-1	3281481	3297178	3292845	3290501	0.25	cps
Scandium	45-2	19818	19510	19070	19466	1.93	cps
Selenium	77-2	27	20	13	20	33.35	cps
Selenium	78-2	24	19	17	20	19.50	cps
Selenium	82-1	315	354	282	317	11.44	cps
Silicon	28-1	9623187	9544724	9539461	9569124	0.49	cps
Silver	109-1	61407	60211	60118	60579	1.19	cps
Silver	107-1	63375	63274	62746	63132	0.53	cps
Sodium	23-2	1278813	1268504	1246310	1264542	1.31	cps
Strontium	86-1	1523300	1493591	1492159	1503016	1.17	cps
Strontium	88-1	13193529	13079792	12969504	13080942	0.86	cps
Sulfur	34-1	987572	965863	964671	972702	1.33	cps
Terbium	159-1	9303225	9335222	9261970	9300139	0.39	cps
Terbium	159-2	1582239	1594179	1573866	1583428	0.64	cps
Thallium	203-1	2942	2967	3176	3028	4.23	cps
Thallium	205-1	7019	6702	7036	6919	2.72	cps
Tin	118-1	189828	195104	190310	191747	1.52	cps
Titanium	47-1	325610	324700	324760	325023	0.16	cps
Uranium	238-1	69822	70023	69838	69894	0.16	cps
Vanadium	51-2	15873	15165	15746	15594	2.42	cps
Yttrium	89-1	7056092	7015707	6975971	7015923	0.57	cps
Yttrium	89-2	173386	171761	170847	171998	0.75	cps
Zinc	66-2	491617	485445	487537	488200	0.64	cps
Zirconium	90-1	941440	945175	942783	943133	0.20	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1857-13A	Instrumnet Name :	P8
Client Sample ID :	MH0RN9A	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:30:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	213385	209262	207605	210084	1.42	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-16	Instrumnet Name :	P8
Client Sample ID :	MF6F51	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:36:56	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	0	25	22	94.38	cps
Antimony	121-1	483	675	617	592	16.61	cps
Arsenic	75-2	7	7	15	10	43.26	cps
Barium	135-1	33	33	67	44	43.30	cps
Barium	137-1	92	67	67	75	19.24	cps
Beryllium	9-1	78	122	106	102	22.05	cps
Bismuth	209-1	6161681	6080475	6074942	6105699	0.80	cps
Bismuth	209-2	1330639	1329886	1345492	1335339	0.66	cps
Boron	10-1	2409	2209	2059	2225	7.89	cps
Boron	11-1	10154	10646	10387	10396	2.37	cps
Cadmium	111-1	787	777	848	804	4.78	cps
Cadmium	106-1	1108	1067	1200	1125	6.06	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	733	633	625	664	9.08	cps
Calcium	44-1	11839	11697	11630	11722	0.91	cps
Chromium	52-2	213	193	243	217	11.61	cps
Cobalt	59-2	30	13	30	24	39.37	cps
Copper	63-2	210	210	200	207	2.80	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	17	58	58	44	54.12	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	8808298	8759487	8745194	8770993	0.38	cps
Holmium	165-2	1646018	1637586	1648493	1644032	0.35	cps
Indium	115-1	6780893	6702897	6603165	6695652	1.33	cps
Indium	115-2	240441	238347	238579	239122	0.48	cps
Iron	56-2	1550	1622	1506	1559	3.78	cps
Iron	57-2	78	33	22	44	66.15	cps
Lead	206-1	656	628	717	667	6.82	cps
Lead	207-1	556	478	606	546	11.79	cps
Lead	208-1	2600	2589	2734	2641	3.04	cps
Lithium	6-1	998405	982416	973249	984690	1.29	cps
Magnesium	24-2	217	167	167	183	15.75	cps
Manganese	55-2	17	40	10	22	70.88	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-16	Instrumnet Name :	P8
Client Sample ID :	MF6F51	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:36:56	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	300	375	322	14.24	cps
Molybdenum	95-1	250	292	425	322	28.37	cps
Molybdenum	96-1	392	433	542	456	17.00	cps
Molybdenum	97-1	242	292	225	253	13.73	cps
Molybdenum	98-1	392	442	542	458	16.66	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	217	190	178	26.00	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	1550	1375	1675	1533	9.83	cps
Rhodium	103-1	6047955	6128751	6059465	6078724	0.72	cps
Rhodium	103-2	1435654	1432378	1419930	1429321	0.58	cps
Scandium	45-1	3311763	3276284	3221505	3269851	1.39	cps
Scandium	45-2	19921	20265	20482	20223	1.40	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-18	-19	-51	-29	-65.49	cps
Silicon	28-1	271406	274036	270931	272124	0.61	cps
Silver	109-1	233	250	217	233	7.14	cps
Silver	107-1	283	258	308	283	8.82	cps
Sodium	23-2	4868	4718	4684	4757	2.05	cps
Strontium	86-1	558	567	608	578	4.64	cps
Strontium	88-1	358	417	350	375	9.69	cps
Sulfur	34-1	285470	286134	285521	285708	0.13	cps
Terbium	159-1	9071234	9107839	8964900	9047991	0.82	cps
Terbium	159-2	1559160	1566454	1586685	1570766	0.91	cps
Thallium	203-1	283	292	392	322	18.71	cps
Thallium	205-1	775	717	658	717	8.14	cps
Tin	118-1	358	500	492	450	17.67	cps
Titanium	47-1	117	108	92	106	12.06	cps
Uranium	238-1	33	17	17	22	43.28	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	6720636	6700377	6592544	6671186	1.03	cps
Yttrium	89-2	166858	167000	164406	166088	0.88	cps
Zinc	66-2	60	53	50	54	9.35	cps
Zirconium	90-1	400	417	358	392	7.67	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-16	Instrumnet Name :	P8
Client Sample ID :	MF6F51	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:36:56	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	67	92	81	15.80	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-17	Instrumnet Name :	P8
Client Sample ID :	MF6F52	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:40:20	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	0	8	14	124.91	cps
Antimony	121-1	525	425	508	486	11.02	cps
Arsenic	75-2	7	2	13	7	75.00	cps
Barium	135-1	42	50	75	56	31.22	cps
Barium	137-1	83	58	67	69	18.33	cps
Beryllium	9-1	128	167	133	143	14.75	cps
Bismuth	209-1	5977083	6076903	6143833	6065940	1.38	cps
Bismuth	209-2	173216	15831	1138326	442458	137.36	cps
Boron	10-1	1550	1500	1508	1520	1.76	cps
Boron	11-1	7727	7169	7310	7402	3.92	cps
Cadmium	111-1	868	833	880	860	2.80	cps
Cadmium	106-1	1217	1167	1225	1203	2.62	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	592	650	725	656	10.20	cps
Calcium	44-1	12915	12840	12298	12684	2.65	cps
Chromium	52-2	210	223	263	232	11.95	cps
Cobalt	59-2	7	10	137	51	145.00	cps
Copper	63-2	67	93	190	117	55.62	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	25	25	19	49.50	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	50	33	42	42	20.00	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	8618095	8795236	8787660	8733664	1.15	cps
Holmium	165-2	168521	1657	1413997	528058	146.15	cps
Indium	115-1	6571473	6659948	6757649	6663023	1.40	cps
Indium	115-2	26158	393	211067	79206	145.09	cps
Iron	56-2	1533	1683	1456	1558	7.43	cps
Iron	57-2	50	22	50	41	39.37	cps
Lead	206-1	561	633	533	576	8.96	cps
Lead	207-1	561	467	411	480	15.81	cps
Lead	208-1	2389	2584	2256	2409	6.84	cps
Lithium	6-1	983937	988290	988356	986861	0.26	cps
Magnesium	24-2	175	192	192	186	5.17	cps
Manganese	55-2	20	37	17	24	43.83	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-17	Instrumnet Name :	P8
Client Sample ID :	MF6F52	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:40:20	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	317	292	303	4.20	cps
Molybdenum	95-1	175	225	292	231	25.39	cps
Molybdenum	96-1	267	400	408	358	22.19	cps
Molybdenum	97-1	192	208	183	194	6.55	cps
Molybdenum	98-1	383	408	600	464	25.55	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	207	187	270	221	19.68	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	1659	1592	1442	1564	7.10	cps
Rhodium	103-1	5983686	6085092	6142267	6070349	1.32	cps
Rhodium	103-2	150820	1430	1257073	469774	146.01	cps
Scandium	45-1	3305164	3352489	3285897	3314517	1.03	cps
Scandium	45-2	2771	137	17118	6675	136.91	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-15	-25	53	4	1006.41	cps
Silicon	28-1	271755	269870	267207	269611	0.85	cps
Silver	109-1	208	167	142	172	19.56	cps
Silver	107-1	192	192	258	214	18.00	cps
Sodium	23-2	4484	4234	4401	4373	2.91	cps
Strontium	86-1	475	533	533	514	6.55	cps
Strontium	88-1	517	492	542	517	4.84	cps
Sulfur	34-1	289234	290683	288300	289406	0.41	cps
Terbium	159-1	8967856	9010425	9070309	9016197	0.57	cps
Terbium	159-2	160848	1380	1350631	504286	146.20	cps
Thallium	203-1	342	275	300	306	11.02	cps
Thallium	205-1	608	792	667	689	13.60	cps
Tin	118-1	383	483	433	433	11.54	cps
Titanium	47-1	100	92	117	103	12.38	cps
Uranium	238-1	0	33	17	17	99.99	cps
Vanadium	51-2	7	3	27	12	103.26	cps
Yttrium	89-1	6550747	6687198	6718470	6652138	1.34	cps
Yttrium	89-2	17881	147	147741	55256	145.84	cps
Zinc	66-2	33	40	77	50	46.67	cps
Zirconium	90-1	333	375	367	358	6.15	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-17	Instrumnet Name :	P8
Client Sample ID :	MF6F52	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:40:20	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	100	58	75	29.39	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-17RE	Instrumnet Name :	P8
Client Sample ID :	MF6F52	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:43:52	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	0	6	86.60	cps
Antimony	121-1	258	442	550	417	35.38	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	75	67	33	58	37.80	cps
Barium	137-1	133	42	150	108	53.85	cps
Beryllium	9-1	100	133	111	115	14.79	cps
Bismuth	209-1	6181117	6174683	6080193	6145331	0.92	cps
Bismuth	209-2	1380021	1373023	1364481	1372508	0.57	cps
Boron	10-1	1292	1225	1400	1306	6.77	cps
Boron	11-1	5776	5251	5735	5587	5.22	cps
Cadmium	111-1	915	888	852	885	3.57	cps
Cadmium	106-1	1292	1250	1192	1245	4.04	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	708	742	583	678	12.32	cps
Calcium	44-1	11881	12439	12281	12200	2.36	cps
Chromium	52-2	250	240	250	247	2.34	cps
Cobalt	59-2	23	30	17	23	28.56	cps
Copper	63-2	100	163	160	141	25.26	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	42	58	50	16.67	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	8	75	67	50	72.65	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	8799215	8825350	8854011	8826192	0.31	cps
Holmium	165-2	1704846	1685558	1680452	1690285	0.76	cps
Indium	115-1	6751736	6716610	6794285	6754210	0.58	cps
Indium	115-2	247911	245284	245524	246239	0.59	cps
Iron	56-2	1472	1472	1467	1471	0.22	cps
Iron	57-2	39	50	72	54	31.61	cps
Lead	206-1	583	589	589	587	0.55	cps
Lead	207-1	478	494	539	504	6.27	cps
Lead	208-1	2322	2406	2667	2465	7.29	cps
Lithium	6-1	1004271	1003660	1003875	1003935	0.03	cps
Magnesium	24-2	158	158	225	181	21.32	cps
Manganese	55-2	30	17	20	22	31.22	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-17RE	Instrumnet Name :	P8
Client Sample ID :	MF6F52	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:43:52	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	275	267	269	1.78	cps
Molybdenum	95-1	250	167	400	272	43.44	cps
Molybdenum	96-1	275	275	442	331	29.11	cps
Molybdenum	97-1	200	283	158	214	29.76	cps
Molybdenum	98-1	417	450	467	444	5.73	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	183	200	190	191	4.39	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1483	1467	1475	1475	0.56	cps
Rhodium	103-1	6093471	6108061	6215156	6138896	1.08	cps
Rhodium	103-2	1510745	1484319	1471787	1488950	1.34	cps
Scandium	45-1	3340850	3330076	3404512	3358479	1.20	cps
Scandium	45-2	20966	21086	20589	20880	1.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-24	-25	-34	-28	-20.81	cps
Silicon	28-1	272984	271456	271933	272124	0.29	cps
Silver	109-1	133	183	67	128	45.81	cps
Silver	107-1	125	142	108	125	13.33	cps
Sodium	23-2	4192	4276	4059	4176	2.62	cps
Strontium	86-1	725	517	567	603	18.04	cps
Strontium	88-1	408	467	733	536	32.33	cps
Sulfur	34-1	291653	294359	291975	292662	0.51	cps
Terbium	159-1	9099971	9064818	9275266	9146685	1.23	cps
Terbium	159-2	1654586	1615001	1610492	1626693	1.49	cps
Thallium	203-1	325	392	250	322	22.00	cps
Thallium	205-1	692	617	900	736	19.94	cps
Tin	118-1	333	375	392	367	8.19	cps
Titanium	47-1	83	117	117	106	18.23	cps
Uranium	238-1	192	108	133	144	29.61	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	6755687	6695624	6818029	6756447	0.91	cps
Yttrium	89-2	172109	170740	171110	171320	0.41	cps
Zinc	66-2	67	57	53	59	11.79	cps
Zirconium	90-1	350	458	417	408	13.38	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	J1837-17RE	Instrumnet Name :	P8
Client Sample ID :	MF6F52	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:43:52	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	92	83	89	5.41	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P8
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:47:14	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170556	168833	169349	169579	0.52	cps
Antimony	121-1	3738897	3717475	3742613	3732995	0.36	cps
Arsenic	75-2	31684	31601	31269	31518	0.70	cps
Barium	135-1	4082656	4051947	4028700	4054434	0.67	cps
Barium	137-1	6994751	6981898	6977119	6984589	0.13	cps
Beryllium	9-1	367012	361389	363660	364020	0.78	cps
Bismuth	209-1	5133408	5327504	5527313	5329408	3.70	cps
Bismuth	209-2	1232198	1231231	1228185	1230538	0.17	cps
Boron	10-1	43417	44328	45156	44300	1.96	cps
Boron	11-1	207725	212374	210719	210273	1.12	cps
Cadmium	111-1	756391	759641	757128	757720	0.22	cps
Cadmium	106-1	78529	80071	79475	79358	0.98	cps
Cadmium	108-1	54200	53845	53773	53940	0.42	cps
Calcium	43-1	3463968	3478160	3434777	3458968	0.64	cps
Calcium	44-1	56362718	56298478	56567924	56409707	0.25	cps
Chromium	52-2	244423	245430	245064	244972	0.21	cps
Cobalt	59-2	535547	538342	534948	536279	0.34	cps
Copper	63-2	924867	925589	918463	922973	0.42	cps
Dysprosium	156-1	92	92	100	94	5.10	cps
Dysprosium	156-2	13	13	3	10	57.75	cps
Erbium	164-1	50	25	33	36	35.25	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	50	75	50	58	24.74	cps
Gadolinium	160-2	7	0	13	7	99.98	cps
Holmium	165-1	7790792	8144724	8324497	8086671	3.36	cps
Holmium	165-2	1578446	1603653	1591318	1591139	0.79	cps
Indium	115-1	5774108	6013060	6159796	5982322	3.25	cps
Indium	115-2	222498	225166	223194	223619	0.62	cps
Iron	56-2	39483356	39671944	39532649	39562650	0.25	cps
Iron	57-2	998730	1003455	1001788	1001324	0.24	cps
Lead	206-1	2612982	2626785	2645597	2628455	0.62	cps
Lead	207-1	2423760	2398758	2399446	2407321	0.59	cps
Lead	208-1	10715417	10638723	10644431	10666190	0.40	cps
Lithium	6-1	868411	892460	931542	897471	3.55	cps
Magnesium	24-2	4042582	4068784	4023374	4044913	0.56	cps
Manganese	55-2	134544	134732	133854	134376	0.34	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P8
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:47:14	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6129249	6142460	6126813	6132841	0.14	cps
Molybdenum	95-1	7504976	7513187	7518791	7512318	0.09	cps
Molybdenum	96-1	8370226	8301999	8377143	8349789	0.50	cps
Molybdenum	97-1	4811189	4758498	4747975	4772554	0.71	cps
Molybdenum	98-1	12186026	12063150	12131019	12126732	0.51	cps
Neodymium	150-1	200	167	267	211	24.12	cps
Neodymium	150-2	3	20	3	9	108.30	cps
Nickel	60-2	157876	159657	157560	158364	0.71	cps
Phosphorus	31-2	2442	2059	2392	2298	9.07	cps
Potassium	39-2	1075978	1080008	1077565	1077850	0.19	cps
Rhodium	103-1	5067348	5280706	5389939	5245998	3.13	cps
Rhodium	103-2	1303033	1308324	1306931	1306096	0.21	cps
Scandium	45-1	2964669	3085832	3165772	3072091	3.30	cps
Scandium	45-2	19444	20128	20338	19970	2.34	cps
Selenium	77-2	187	193	160	180	9.80	cps
Selenium	78-2	667	702	698	689	2.81	cps
Selenium	82-1	45702	45319	45494	45505	0.42	cps
Silicon	28-1	1644427	1662315	1662921	1656554	0.63	cps
Silver	109-1	3566183	3549433	3572947	3562854	0.34	cps
Silver	107-1	3726540	3615983	3640635	3661053	1.59	cps
Sodium	23-2	9431555	9533294	9493517	9486122	0.54	cps
Strontium	86-1	974029	977578	973025	974877	0.25	cps
Strontium	88-1	8490082	8490665	8405168	8461972	0.58	cps
Sulfur	34-1	691098	692663	693654	692472	0.19	cps
Terbium	159-1	8003732	8467302	8616037	8362357	3.82	cps
Terbium	159-2	1494981	1500666	1500773	1498807	0.22	cps
Thallium	203-1	3254883	3222017	3196349	3224416	0.91	cps
Thallium	205-1	7666639	7575917	7591898	7611485	0.64	cps
Tin	118-1	2633382	2626058	2562040	2607160	1.51	cps
Titanium	47-1	1746548	1769654	1755147	1757116	0.66	cps
Uranium	238-1	11015753	10877453	10966359	10953188	0.64	cps
Vanadium	51-2	179773	180486	179949	180069	0.21	cps
Yttrium	89-1	5867391	6164915	6329040	6120449	3.82	cps
Yttrium	89-2	161424	163348	163070	162614	0.64	cps
Zinc	66-2	81638	81823	80699	81387	0.74	cps
Zirconium	90-1	5135162	5109217	5111786	5118722	0.28	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P8
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:47:14	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1136006	1139068	1133670	1136248	0.24	cps

LB Number : LB93878 Operator : Jaswal
 Lab Sample ID : CCB091 Instrumnet Name : P8
 Client Sample ID : CCB091 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-13 15:51:52 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	8	11	114.58	cps
Antimony	121-1	5526	6819	7286	6544	13.93	cps
Arsenic	75-2	19	9	13	14	34.32	cps
Barium	135-1	33	25	50	36	35.25	cps
Barium	137-1	142	58	75	92	48.10	cps
Beryllium	9-1	233	283	194	237	18.80	cps
Bismuth	209-1	5997860	6016745	5899866	5971490	1.05	cps
Bismuth	209-2	1333123	1321049	1327423	1327198	0.46	cps
Boron	10-1	1617	1558	1400	1525	7.35	cps
Boron	11-1	7077	7327	6502	6969	6.07	cps
Cadmium	111-1	952	943	757	884	12.47	cps
Cadmium	106-1	1267	1267	1042	1192	10.90	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	750	567	558	625	17.33	cps
Calcium	44-1	11530	12089	11689	11769	2.45	cps
Chromium	52-2	217	183	227	209	10.86	cps
Cobalt	59-2	20	17	23	20	16.65	cps
Copper	63-2	137	143	133	138	3.70	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	17	31	41.66	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	33	83	50	56	45.83	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	8675755	8578080	8568881	8607572	0.69	cps
Holmium	165-2	1642303	1646809	1609204	1632772	1.26	cps
Indium	115-1	6646260	6643108	6571678	6620349	0.64	cps
Indium	115-2	240370	235456	235711	237179	1.17	cps
Iron	56-2	1767	1917	1795	1826	4.37	cps
Iron	57-2	28	56	61	48	37.09	cps
Lead	206-1	600	583	578	587	1.97	cps
Lead	207-1	583	544	461	530	11.79	cps
Lead	208-1	2422	2422	2239	2361	4.48	cps
Lithium	6-1	986840	984541	1001383	990921	0.92	cps
Magnesium	24-2	175	208	175	186	10.34	cps
Manganese	55-2	17	13	20	17	20.01	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P8
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:51:52	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1458	1684	2300	1814	24.02	cps
Molybdenum	95-1	2167	2959	3517	2881	23.55	cps
Molybdenum	96-1	2242	2975	3542	2920	22.33	cps
Molybdenum	97-1	1325	1700	2017	1681	20.60	cps
Molybdenum	98-1	3576	4284	5193	4351	18.63	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	137	210	157	168	22.60	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	1525	1634	1517	1558	4.18	cps
Rhodium	103-1	6046169	5985974	5962775	5998306	0.72	cps
Rhodium	103-2	1420820	1412997	1413544	1415787	0.31	cps
Scandium	45-1	3290911	3295626	3239104	3275213	0.96	cps
Scandium	45-2	20522	20448	21033	20668	1.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	45	94	5	48	93.60	cps
Silicon	28-1	292220	289131	288495	289948	0.69	cps
Silver	109-1	208	167	233	203	16.61	cps
Silver	107-1	150	217	275	214	29.24	cps
Sodium	23-2	4693	5018	4968	4893	3.58	cps
Strontium	86-1	442	392	583	472	21.05	cps
Strontium	88-1	158	158	150	156	3.09	cps
Sulfur	34-1	299170	300677	298064	299304	0.44	cps
Terbium	159-1	8971422	9002368	8942958	8972250	0.33	cps
Terbium	159-2	1548855	1524589	1520016	1531154	1.01	cps
Thallium	203-1	867	758	767	797	7.56	cps
Thallium	205-1	1992	1992	1767	1917	6.78	cps
Tin	118-1	1150	1292	1458	1300	11.87	cps
Titanium	47-1	158	183	117	153	22.04	cps
Uranium	238-1	133	208	142	161	25.51	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	6575348	6643569	6603442	6607453	0.52	cps
Yttrium	89-2	166895	167125	165168	166396	0.64	cps
Zinc	66-2	60	50	47	52	13.28	cps
Zirconium	90-1	383	692	717	597	31.09	cps

LB Number :	LB93878	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P8
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2018-03-13 15:51:52	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	108	192	117	61.03	cps