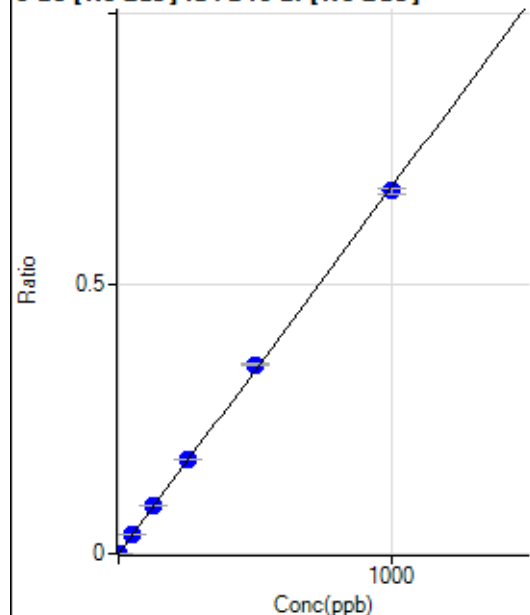


Batch Folder: D:\ICP-MS Data\P7013018-MS.b\
Analysis File: P7013018-MS.batch.bin
DA Date-Time: 2018-01-30 13:19:46
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-01-30 11:48:03
2			
3	005CALS.d	S02	2018-01-30 11:56:12
4	006CALS.d	S03	2018-01-30 12:00:03
5	007CALS.d	S04	2018-01-30 12:04:07
6	008CALS.d	S05	2018-01-30 12:07:53
7	009CALS.d	S06	2018-01-30 12:11:37
8	010CALS.d	S07	2018-01-30 12:15:18
9	011CALS.d	S08	2018-01-30 12:18:59

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.48	0.0000	P	37.9
2	☐	0.100					
3	☐	1.000	0.945	1314.90	0.0007	P	5.4
4	☐	50.000	52.318	70772.17	0.0355	P	1.2
5	☐	125.000	129.979	171468.51	0.0883	P	0.6
6	☐	250.000	256.720	332172.38	0.1744	P	1.2
7	☐	500.000	516.197	655546.26	0.3506	P	0.4
8	☐	1000.000	989.483	1274821.54	0.6720	P	1.5
9	☐			377.79	0.0002	P	8.8

$$y = 6.7913\text{E-}004 * x + 1.5636\text{E-}005$$

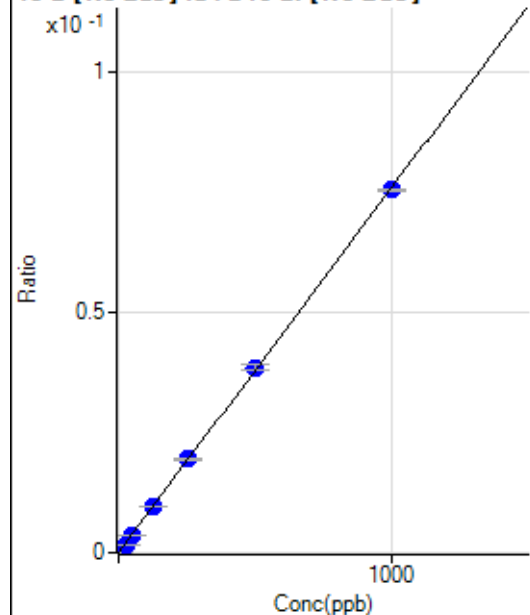
$$R = 0.9998$$

$$DL = 0.02619$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	46.0
2	☐	2.500					
3	☐	25.000	21.604	3336.62	0.0017	P	1.4
4	☐	50.000	48.461	7374.30	0.0037	P	4.8
5	☐	125.000	125.339	18511.92	0.0095	P	0.9
6	☐	250.000	255.454	36943.21	0.0194	P	1.8
7	☐	500.000	508.226	72088.93	0.0386	P	2.3
8	☐	1000.000	994.643	143087.23	0.0754	P	0.3
9	☐			5859.74	0.0032	P	9.0

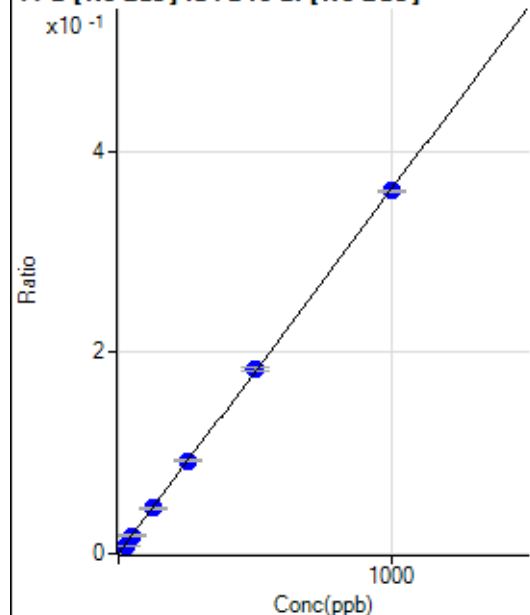
$$y = 7.5791\text{E-}005 * x + 3.1694\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.5768$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	386.13	0.0002	P	7.1
2	☐	2.500					
3	☐	25.000	22.174	16434.50	0.0082	P	1.3
4	☐	50.000	48.777	35542.91	0.0179	P	4.0
5	☐	125.000	124.648	88033.85	0.0453	P	1.8
6	☐	250.000	254.234	175734.42	0.0923	P	2.9
7	☐	500.000	506.769	343500.48	0.1837	P	1.9
8	☐	1000.000	995.733	684525.05	0.3608	P	0.9
9	☐			26969.42	0.0148	P	9.2

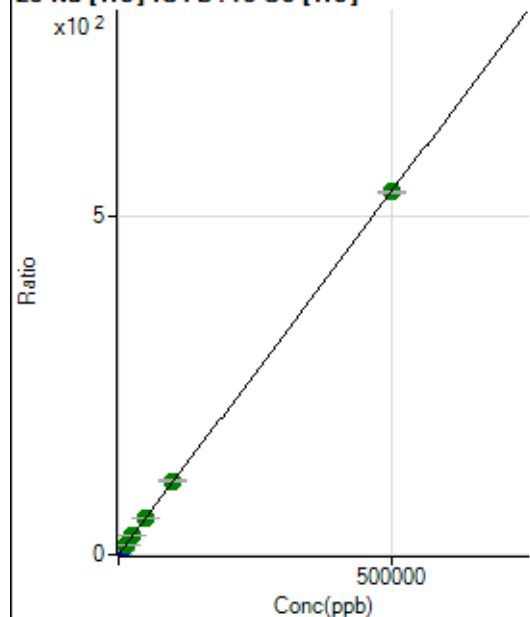
$$y = 3.6213\text{E-}004 * x + 1.9131\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1131$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17416.24	0.0457	P	0.4
2	☐	50.000					
3	☐	500.000	473.915	215854.52	0.5540	P	3.6
4	☐	5000.000	5476.713	2171248.33	5.9195	P	4.8
5	☐	12500.000	12995.828	5286809.23	13.9838	A	0.7
6	☐	25000.000	25435.400	10429985.22	27.3253	A	1.6
7	☐	50000.000	50770.046	20908966.96	54.4969	A	2.5
8	☐	100000.00	101207.72	41226178.35	108.5916	A	1.6
9	☐	500000.00	499642.54	185618011.1	535.9153	A	0.4

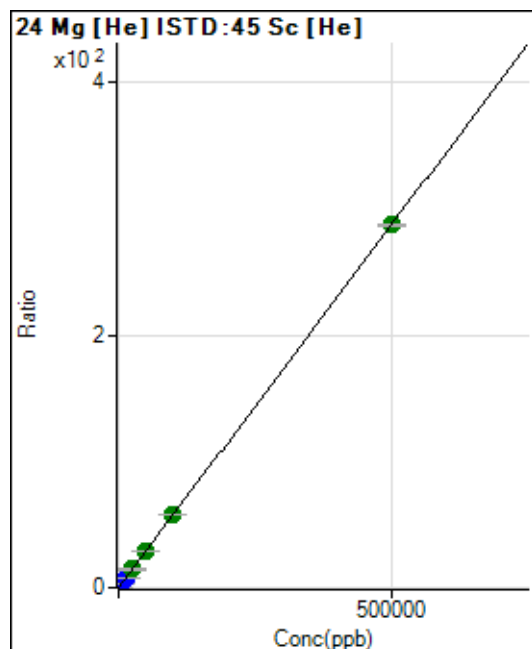
$$y = 0.0011 * x + 0.0457$$

$$R = 1.0000$$

$$DL = 0.4904$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.68	0.0008	P	19.5
2	☐	50.000					
3	☐	500.000	477.981	107433.49	0.2757	P	3.2
4	☐	5000.000	5501.615	1160954.51	3.1651	P	4.8
5	☐	12500.000	13079.971	2844541.97	7.5239	P	0.5
6	☐	25000.000	25350.142	5565415.88	14.5813	A	1.9
7	☐	50000.000	50673.603	11182317.96	29.1464	A	2.8
8	☐	100000.00	100390.40	21921893.89	57.7418	A	1.3
9	☐	500000.00	499817.55	99558584.86	287.4783	A	0.5

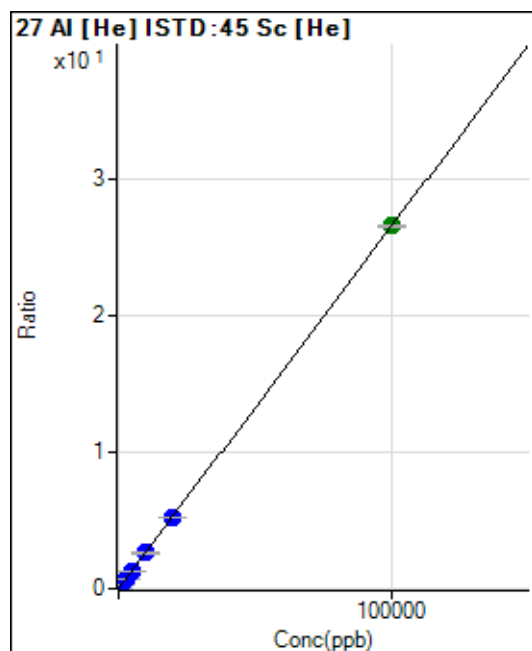
$$y = 5.7516\text{E-}004 * x + 7.6460\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.7795$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0001	P	63.5
2	☐	2.000					
3	☐	20.000	18.739	1994.66	0.0051	P	7.8
4	☐	1000.000	1047.843	102306.97	0.2789	P	4.9
5	☐	2500.000	2531.671	254710.45	0.6737	P	0.7
6	☐	5000.000	4920.410	499718.58	1.3093	P	2.0
7	☐	10000.000	9855.811	1006068.74	2.6224	P	3.0
8	☐	20000.000	19552.566	1975078.74	5.2023	P	1.3
9	☐	100000.00	100106.61	9225284.67	26.6346	A	0.6

$$y = 2.6606\text{E-}004 * x + 1.3779\text{E-}004$$

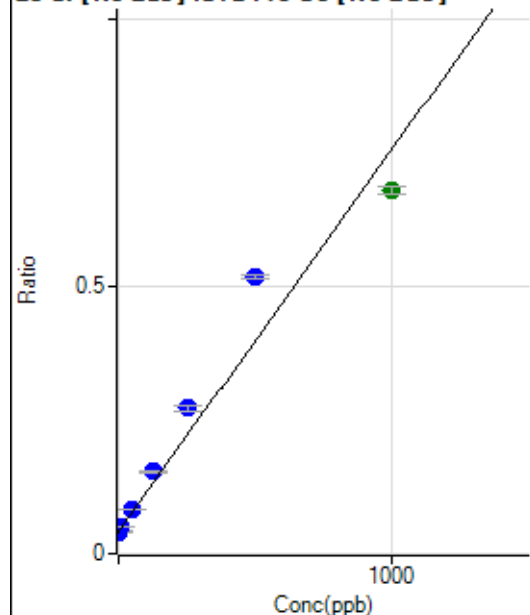
$$R = 1.0000$$

$$DL = 0.9859$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	303560.31	0.0413	P	3.0
2	☐	1.000					
3	☐	10.000	12.518	372632.85	0.0502	P	1.5
4	☐	50.000	59.487	616238.72	0.0837	P	1.1
5	☐	125.000	157.503	1124254.33	0.1536	P	1.5
6	☐	250.000	323.134	1985078.56	0.2717	P	3.3
7	☐	500.000	668.685	3831657.86	0.5180	P	1.6
8	☐	1000.000	892.811	5093917.56	0.6778	A	2.0
9	☐			410725.37	0.0588	P	2.8

$$y = 7.1289\text{E-}004 * x + 0.0413$$

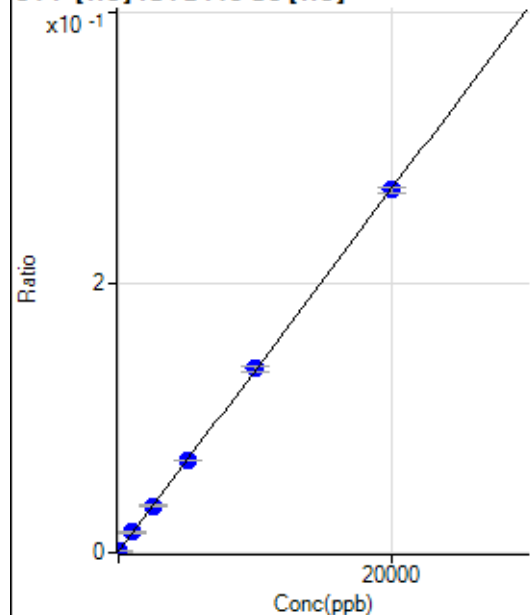
$$R = 0.9734$$

$$DL = 5.283$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-7.413	263.91	0.0007	P	20.4
2	☐	0.000					
3	☐	0.000	7.413	347.24	0.0009	P	12.6
4	☐	1000.000	1075.841	5592.94	0.0153	P	6.0
5	☐	2500.000	2536.582	13189.63	0.0349	P	3.1
6	☐	5000.000	5026.202	26093.17	0.0683	P	0.8
7	☐	10000.000	10071.929	52236.87	0.1362	P	3.5
8	☐	20000.000	19949.120	102092.73	0.2689	P	1.9
9	☐			316.68	0.0009	P	12.6

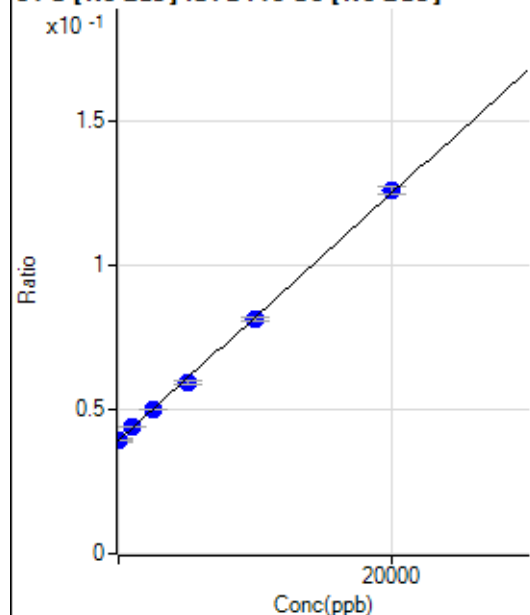
$$y = 1.3440\text{E-}005 * x + 7.9338\text{E-}004$$

$$R = 1.0000$$

$$DL = 28.36$$

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	-0.411	288525.78	0.0393	P	3.2
2	☐	0.000					
3	☐	0.000	0.411	291301.71	0.0393	P	0.9
4	☐	1000.000	1092.661	323520.40	0.0439	P	0.2
5	☐	2500.000	2497.533	365775.48	0.0500	P	0.5
6	☐	5000.000	4656.774	432828.38	0.0592	P	1.8
7	☐	10000.000	9807.697	601347.07	0.0813	P	1.4
8	☐	20000.000	20177.633	945024.54	0.1257	P	2.2
9	☐			259573.93	0.0372	P	1.5

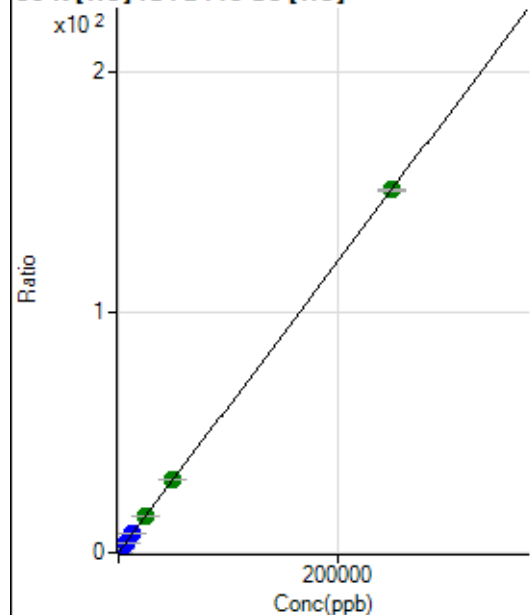
$$y = 4.2860\text{E-}006 * x + 0.0393$$

$$R = 0.9997$$

$$DL = 568$$

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	35805.20	0.0940	P	2.7
2	☐	50.000					
3	☐	500.000	456.727	144089.59	0.3697	P	3.0
4	☐	2500.000	2657.257	622832.77	1.6983	P	5.4
5	☐	6250.000	6368.552	1489225.62	3.9390	P	0.4
6	☐	12500.000	12585.565	2936275.20	7.6926	P	1.5
7	☐	25000.000	25160.409	5864435.07	15.2848	A	2.5
8	☐	50000.000	49936.678	11482298.52	30.2436	A	1.1
9	☐	250000.00	249987.89	52303489.71	151.0259	A	0.6

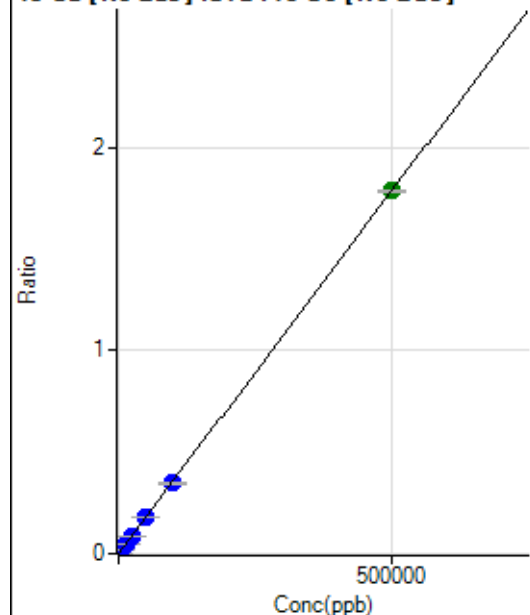
$$y = 6.0376\text{E-}004 * x + 0.0940$$

$$R = 1.0000$$

$$DL = 12.76$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.78	0.0000	P	10.9
2	☐	50.000					
3	☐	500.000	451.330	12116.57	0.0016	P	3.7
4	☐	5000.000	5030.112	132205.99	0.0180	P	1.6
5	☐	12500.000	12649.766	330352.34	0.0451	P	0.5
6	☐	25000.000	24932.184	649936.82	0.0889	P	1.4
7	☐	50000.000	50014.182	1319259.26	0.1784	P	1.5
8	☐	100000.00	97645.298	2616630.61	0.3482	P	2.8
9	☐	500000.00	500468.91	12468023.19	1.7846	A	0.4

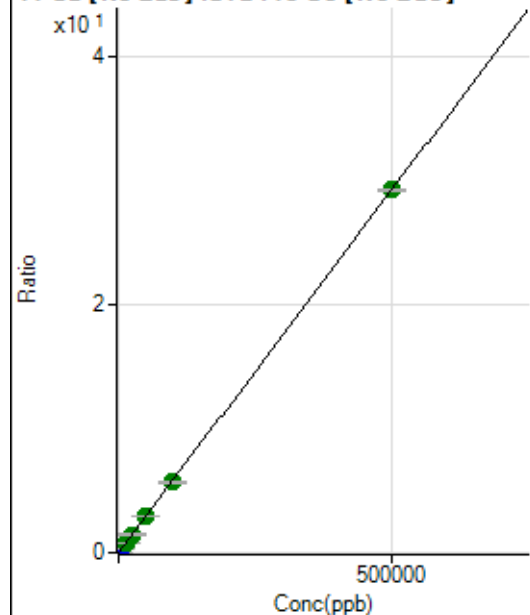
$$y = 3.5657\text{E-}006 * x + 2.4207\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.222$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9100.42	0.0012	P	1.9
2	☐	50.000					
3	☐	500.000	447.834	203315.73	0.0274	P	1.5
4	☐	5000.000	5022.463	2169569.64	0.2947	P	0.4
5	☐	12500.000	12593.032	5395654.24	0.7371	A	0.1
6	☐	25000.000	24995.046	10683312.91	1.4618	A	2.0
7	☐	50000.000	50169.355	21693595.62	2.9329	A	1.4
8	☐	100000.00	97660.971	42894979.43	5.7081	A	2.8
9	☐	500000.00	500448.62	204323360.1	29.2449	A	0.5

$$y = 5.8435\text{E-}005 * x + 0.0012$$

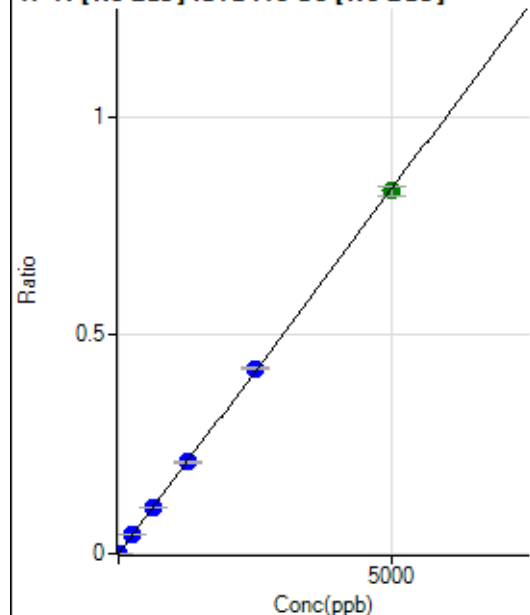
$$R = 1.0000$$

$$DL = 1.203$$

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	88.89	0.0000	P	34.7
2	☐	0.500					
3	☐	5.000	4.487	5640.20	0.0008	P	2.7
4	☐	250.000	254.740	312737.34	0.0425	P	0.2
5	☐	625.000	633.344	773031.58	0.1056	P	0.3
6	☐	1250.000	1259.575	1534753.83	0.2100	P	2.3
7	☐	2500.000	2543.415	3136818.47	0.4241	P	0.8
8	☐	5000.000	4974.620	6233089.85	0.8294	A	2.4
9	☐			1108.43	0.0002	P	13.9

$$y = 1.6672\text{E-}004 * x + 1.2078\text{E-}005$$

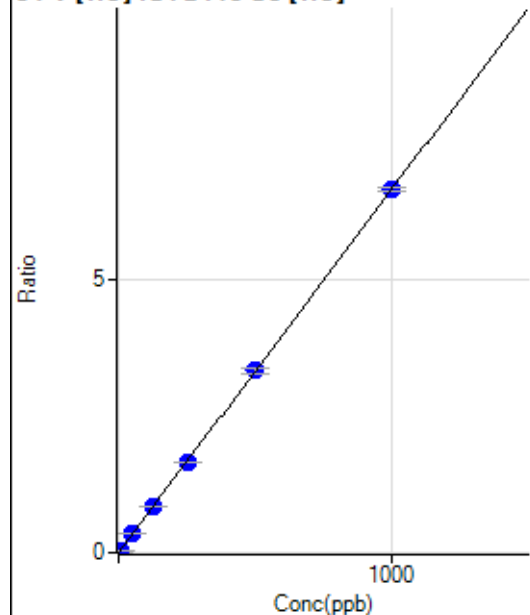
$$R = 0.9999$$

$$DL = 0.07541$$

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	17.78	0.0000	P	59.9
2	☐	0.500					
3	☐	5.000	4.459	11536.88	0.0296	P	5.4
4	☐	50.000	52.459	127636.66	0.3480	P	4.8
5	☐	125.000	125.555	314850.40	0.8328	P	0.5
6	☐	250.000	248.371	628813.67	1.6474	P	1.3
7	☐	500.000	501.189	1275312.03	3.3242	P	2.9
8	☐	1000.000	999.623	2517152.60	6.6300	P	1.2
9	☐			435.57	0.0013	P	14.1

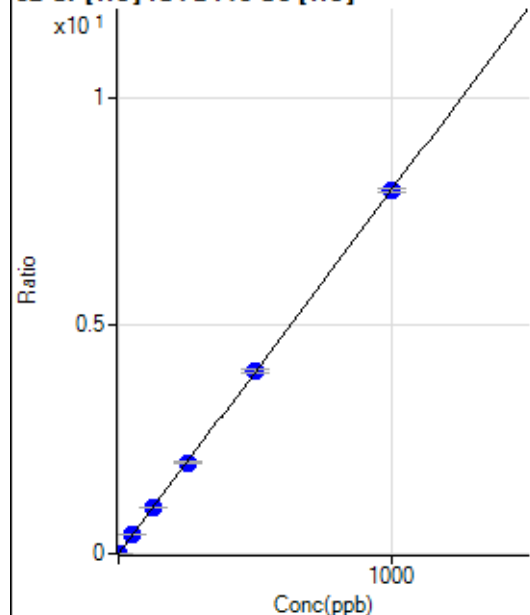
$$y = 0.0066 * x + 4.6553\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01262$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	348.90	0.0009	P	7.1
2	☐	0.200					
3	☐	2.000	1.956	6435.96	0.0165	P	2.7
4	☐	50.000	52.932	155155.84	0.4230	P	4.5
5	☐	125.000	127.272	384006.21	1.0157	P	0.4
6	☐	250.000	249.939	761025.71	1.9938	P	1.5
7	☐	500.000	503.341	1540112.49	4.0142	P	2.8
8	☐	1000.000	997.914	3021282.18	7.9577	P	0.9
9	☐			37291.84	0.1076	P	1.4

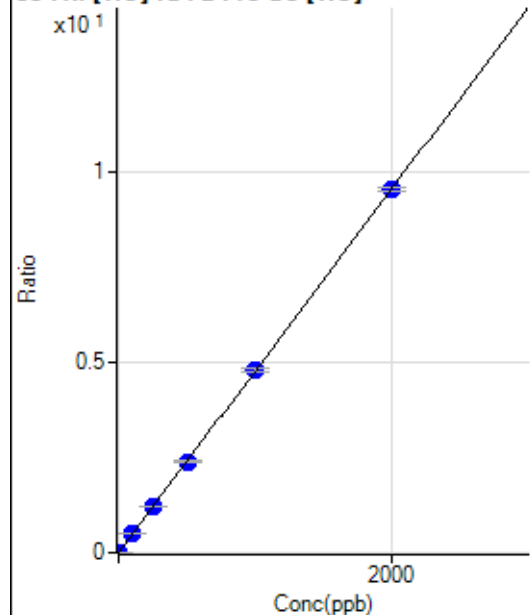
$$y = 0.0080 * x + 9.1618E-004$$

$$R = 1.0000$$

$$DL = 0.02456$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0002	P	12.2
2	☐	0.100					
3	☐	1.000	0.917	1781.24	0.0046	P	5.6
4	☐	100.000	104.967	183415.97	0.5000	P	4.7
5	☐	250.000	253.524	456475.54	1.2074	P	0.5
6	☐	500.000	499.905	908658.72	2.3806	P	1.5
7	☐	1000.000	1006.028	1837941.10	4.7905	P	2.8
8	☐	2000.000	1996.321	3609133.52	9.5059	P	0.9
9	☐			9056.25	0.0261	P	2.4

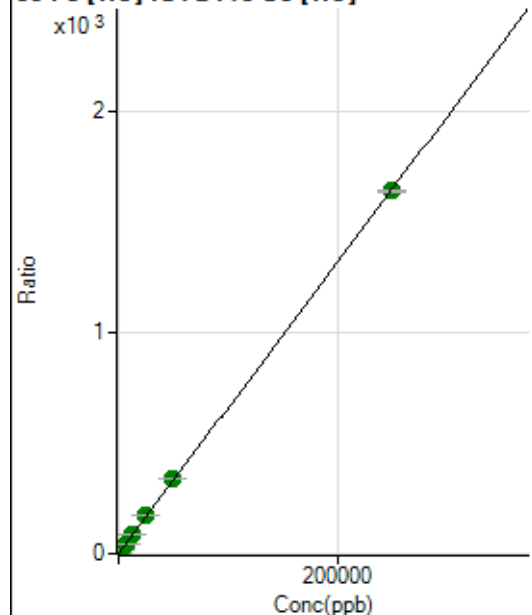
$$y = 0.0048 * x + 2.0691E-004$$

$$R = 1.0000$$

$$DL = 0.01593$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3041.14	0.0080	P	3.6
2	☐	5.000					
3	☐	50.000	47.769	125437.96	0.3220	P	4.5
4	☐	2500.000	2751.740	6638845.69	18.0979	A	4.5
5	☐	6250.000	6654.780	16542849.10	43.7564	A	0.5
6	☐	12500.000	13059.968	32774401.66	85.8639	A	1.4
7	☐	25000.000	26227.585	66157206.57	172.4275	A	2.4
8	☐	50000.000	51854.199	129423822.3	340.8963	A	1.2
9	☐	250000.00	249465.76	568022738.6	1,639.990	A	0.5

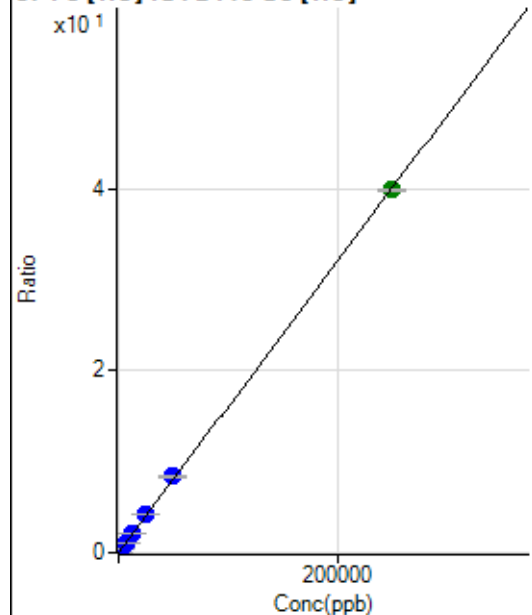
$$y = 0.0066 * x + 0.0080$$

$$R = 1.0000$$

$$DL = 0.1304$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	192.60	0.0005	P	5.6
2	☐	5.000					
3	☐	50.000	48.142	3200.44	0.0082	P	2.0
4	☐	2500.000	2761.376	162335.22	0.4424	P	3.8
5	☐	6250.000	6662.553	403315.24	1.0668	P	0.9
6	☐	12500.000	13112.711	801221.08	2.0991	P	1.4
7	☐	25000.000	26331.080	1616866.55	4.2146	P	3.1
8	☐	50000.000	52290.960	3177435.95	8.3692	P	1.2
9	☐	250000.00	249365.13	13822304.94	39.9091	A	0.3

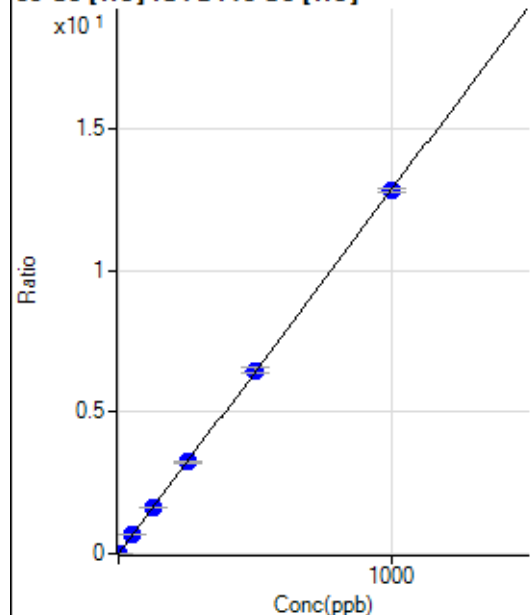
$$y = 1.6004E-004 * x + 5.0509E-004$$

$$R = 0.9999$$

$$DL = 0.5306$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.89	0.0003	P	15.8
2	☐	0.100					
3	☐	1.000	0.951	4862.00	0.0125	P	2.7
4	☐	50.000	53.537	252306.49	0.6879	P	5.0
5	☐	125.000	128.223	622731.21	1.6471	P	0.4
6	☐	250.000	251.999	1235538.60	3.2369	P	1.4
7	☐	500.000	504.113	2484134.77	6.4750	P	2.9
8	☐	1000.000	996.864	4861131.49	12.8038	P	1.1
9	☐			5246.58	0.0152	P	2.7

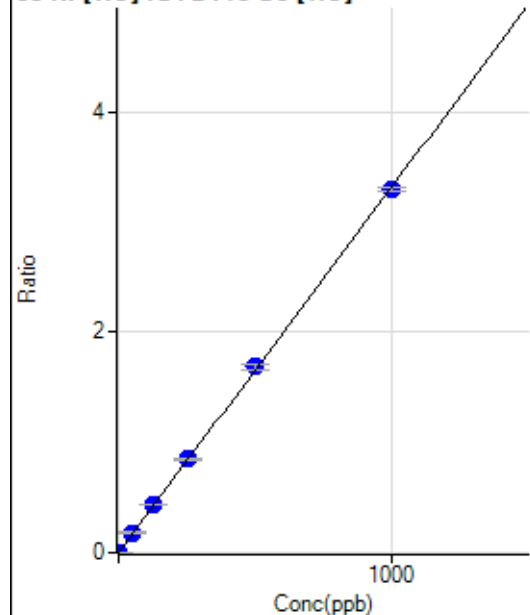
$$y = 0.0128 * x + 2.5974E-004$$

$$R = 1.0000$$

$$DL = 0.009576$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0001	P	55.4
2	☐	0.100					
3	☐	1.000	0.991	1316.75	0.0034	P	5.8
4	☐	50.000	55.050	66963.22	0.1826	P	6.4
5	☐	125.000	131.193	164515.29	0.4351	P	0.6
6	☐	250.000	256.859	325140.38	0.8519	P	2.1
7	☐	500.000	508.368	646795.14	1.6859	P	2.9
8	☐	1000.000	993.075	1250332.70	3.2932	P	1.0
9	☐			9798.96	0.0283	P	2.2

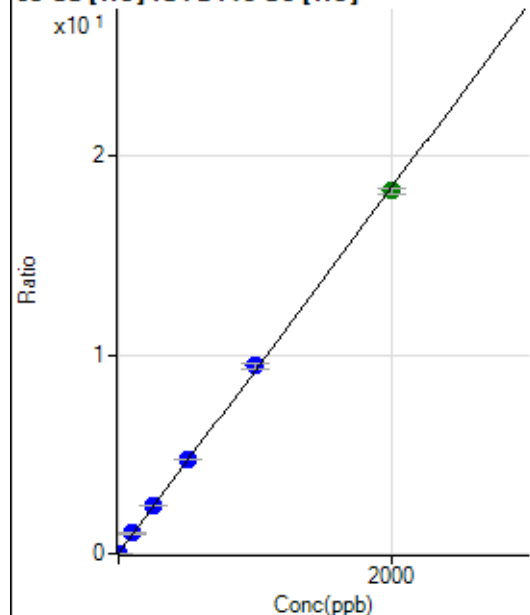
$$y = 0.0033 * x + 9.5687E-005$$

$$R = 0.9999$$

$$DL = 0.04793$$

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	4671.93	0.0123	P	3.1
2	☐	0.200					
3	☐	2.000	1.860	11454.63	0.0294	P	3.9
4	☐	100.000	109.396	374106.38	1.0199	P	4.7
5	☐	250.000	260.605	912146.81	2.4127	P	0.5
6	☐	500.000	512.734	1807369.03	4.7350	P	1.4
7	☐	1000.000	1026.067	3630593.83	9.4632	P	2.9
8	☐	2000.000	1981.988	6935423.65	18.2681	A	1.5
9	☐			11055.44	0.0319	P	1.0

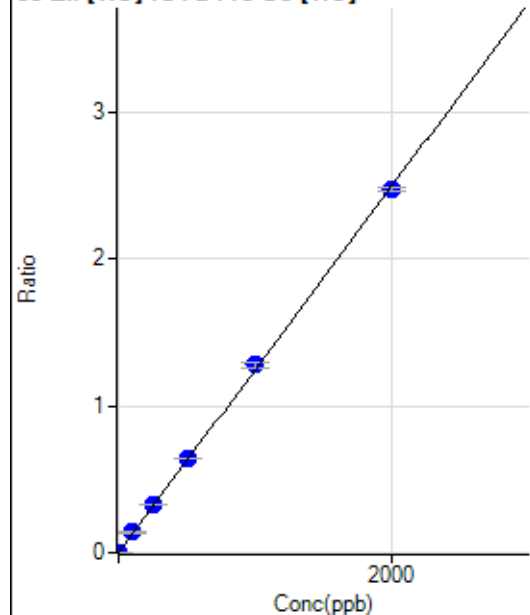
$$y = 0.0092 * x + 0.0123$$

$$R = 0.9998$$

$$DL = 0.1226$$

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	156.67	0.0004	P	7.2
2	☐	0.200					
3	☐	2.000	2.120	1188.96	0.0031	P	9.0
4	☐	100.000	110.000	50473.72	0.1376	P	5.4
5	☐	250.000	262.772	124081.63	0.3282	P	1.2
6	☐	500.000	515.547	245631.36	0.6435	P	1.5
7	☐	1000.000	1024.916	490683.30	1.2789	P	2.7
8	☐	2000.000	1981.559	938633.88	2.4723	P	1.0
9	☐			2521.37	0.0073	P	3.2

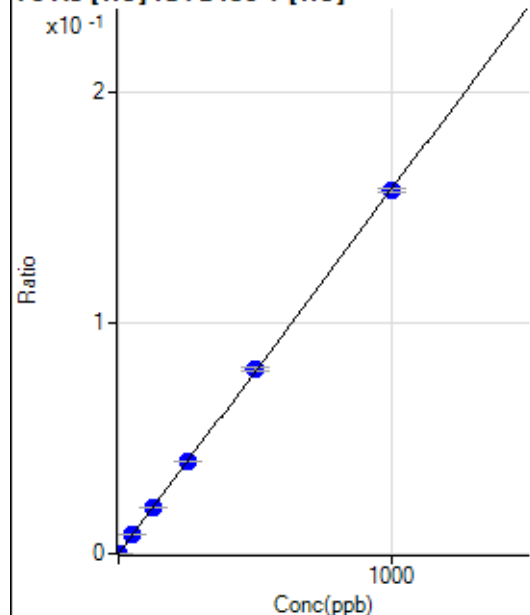
$$y = 0.0012 * x + 4.1144E-004$$

$$R = 0.9998$$

$$DL = 0.07116$$

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	6.17	0.0000	P	45.9
2	☐	0.100					
3	☐	1.000	0.916	322.23	0.0001	P	4.5
4	☐	50.000	52.843	17296.79	0.0083	P	5.0
5	☐	125.000	126.507	43203.37	0.0200	P	0.1
6	☐	250.000	252.468	86985.66	0.0398	P	1.2
7	☐	500.000	506.716	175758.84	0.0800	P	2.7
8	☐	1000.000	995.694	342355.13	0.1571	P	0.9
9	☐			154.32	0.0001	P	8.3

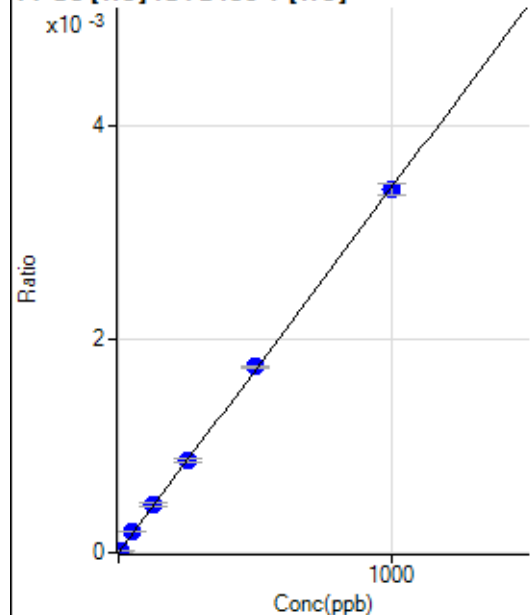
$$y = 1.5778\text{E-}004 * x + 2.8795\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.02516$$

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	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	5.092	38.89	0.0000	P	32.6
4	☐	50.000	57.427	407.79	0.0002	P	6.6
5	☐	125.000	131.249	971.16	0.0004	P	7.3
6	☐	250.000	252.761	1885.71	0.0009	P	3.8
7	☐	500.000	508.632	3820.57	0.0017	P	1.6
8	☐	1000.000	993.841	7397.57	0.0034	P	3.0
9	☐			4.45	0.0000	P	86.7

$$y = 3.4154\text{E-}006 * x + 5.2199\text{E-}007$$

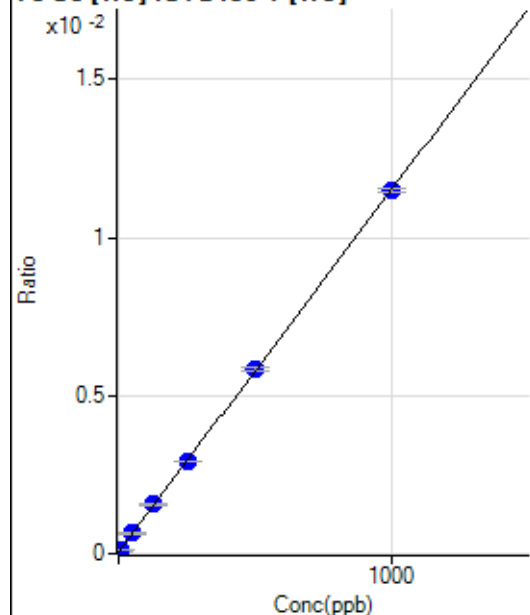
$$R = 0.9999$$

$$DL = 0.7942$$

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	121.63	0.0001	P	42.2
2	☐	0.500					
3	☐	5.000	3.881	221.61	0.0001	P	6.0
4	☐	50.000	51.765	1348.22	0.0007	P	4.9
5	☐	125.000	131.099	3373.88	0.0016	P	1.6
6	☐	250.000	249.090	6355.76	0.0029	P	1.3
7	☐	500.000	505.017	12845.87	0.0058	P	2.8
8	☐	1000.000	996.874	25014.80	0.0115	P	0.9
9	☐			90.74	0.0000	P	12.8

$$y = 1.1458\text{E-}005 * x + 5.6862\text{E-}005$$

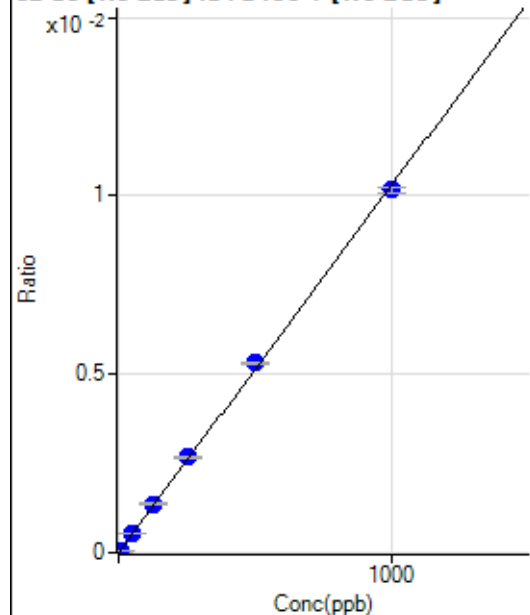
$$R = 1.0000$$

$$DL = 6.275$$

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	-33.26	0.0000	P	-134.
2	☐	0.500					
3	☐	5.000	5.084	628.01	0.0000	P	8.9
4	☐	50.000	53.101	6887.92	0.0005	P	0.9
5	☐	125.000	133.314	17321.03	0.0014	P	1.3
6	☐	250.000	260.128	33987.61	0.0027	P	1.2
7	☐	500.000	516.983	68795.78	0.0053	P	1.1
8	☐	1000.000	987.782	133268.60	0.0102	P	1.5
9	☐			162.51	0.0000	P	36.0

$$y = 1.0297\text{E-}005 * x - 2.6355\text{E-}006$$

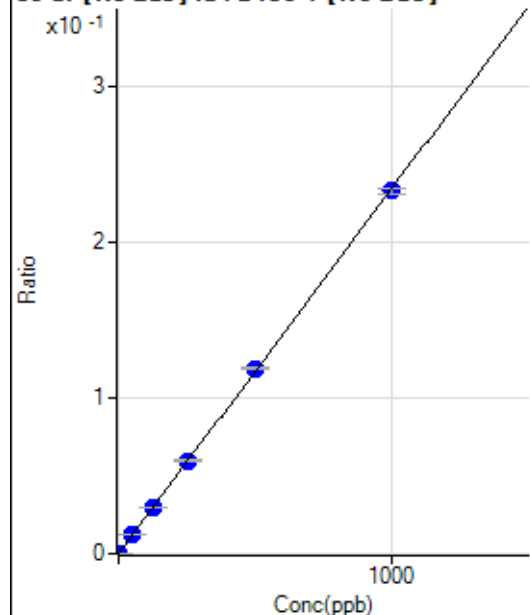
$$R = 0.9997$$

$$DL = 1.036$$

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	458.36	0.0000	P	14.7
2	☐	0.100					
3	☐	1.000	0.936	3228.27	0.0003	P	5.1
4	☐	50.000	50.796	150970.94	0.0119	P	1.0
5	☐	125.000	128.369	380349.40	0.0301	P	0.4
6	☐	250.000	253.287	753457.06	0.0593	P	2.0
7	☐	500.000	508.157	1538499.67	0.1190	P	1.0
8	☐	1000.000	994.639	3051926.98	0.2329	P	1.4
9	☐			91032.63	0.0076	P	0.9

$$y = 2.3408\text{E-}004 * x + 3.6405\text{E-}005$$

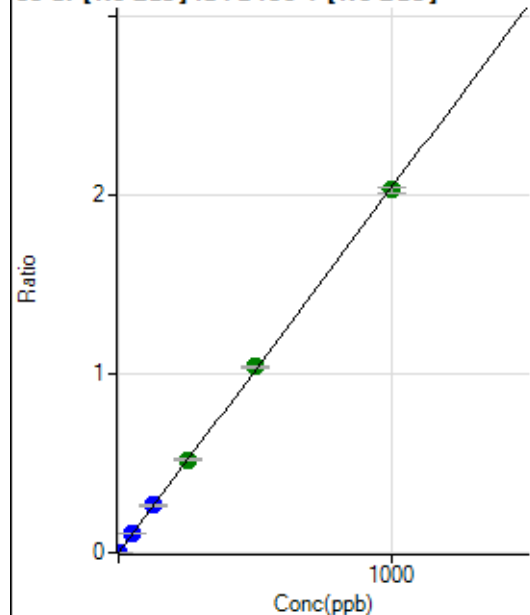
$$R = 0.9999$$

$$DL = 0.06858$$

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	147.23	0.0000	P	13.0
2	☐	0.100					
3	☐	1.000	0.940	24404.85	0.0019	P	1.1
4	☐	50.000	51.260	1324652.74	0.1046	P	0.7
5	☐	125.000	129.204	3334532.41	0.2638	P	0.4
6	☐	250.000	253.667	6576541.94	0.5178	A	2.0
7	☐	500.000	509.090	13437198.91	1.0392	A	0.7
8	☐	1000.000	993.950	26591314.48	2.0290	A	1.7
9	☐			799957.45	0.0671	P	0.7

$$y = 0.0020 * x + 1.1700\text{E-}005$$

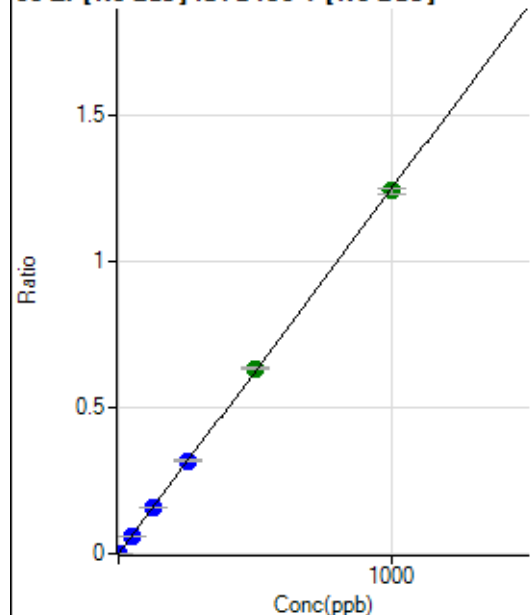
$$R = 0.9999$$

$$DL = 0.002243$$

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	711.16	0.0001	P	10.0
2	☐	0.100					
3	☐	1.000	0.884	14660.83	0.0012	P	1.1
4	☐	50.000	49.880	788647.80	0.0623	P	0.3
5	☐	125.000	127.069	2005504.49	0.1586	P	0.2
6	☐	250.000	254.794	4039077.48	0.3180	P	2.0
7	☐	500.000	508.462	8205043.58	0.6346	A	1.3
8	☐	1000.000	994.318	16263560.08	1.2409	A	1.5
9	☐			4148.02	0.0003	P	8.3

$$y = 0.0012 * x + 5.6506E-005$$

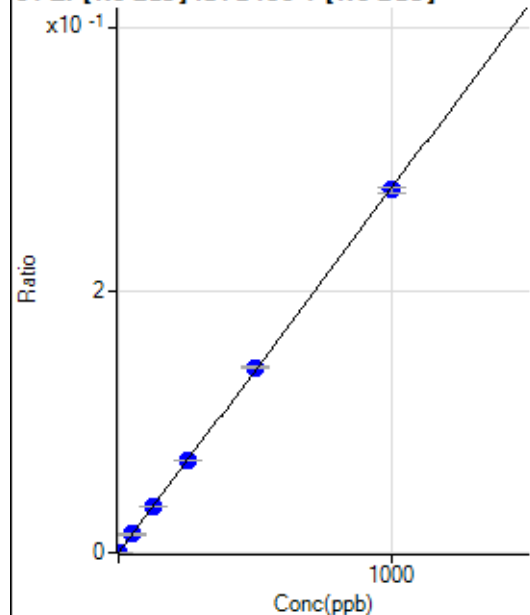
$$R = 0.9999$$

$$DL = 0.01358$$

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	144.45	0.0000	P	53.0
2	☐	0.100					
3	☐	1.000	0.829	3058.81	0.0002	P	5.0
4	☐	50.000	50.195	176833.81	0.0140	P	1.5
5	☐	125.000	126.299	444180.99	0.0351	P	0.3
6	☐	250.000	252.918	893456.84	0.0703	P	1.5
7	☐	500.000	508.155	1827314.69	0.1413	P	0.8
8	☐	1000.000	995.021	3626560.15	0.2767	P	1.8
9	☐			897.29	0.0001	P	15.4

$$y = 2.7809E-004 * x + 1.1524E-005$$

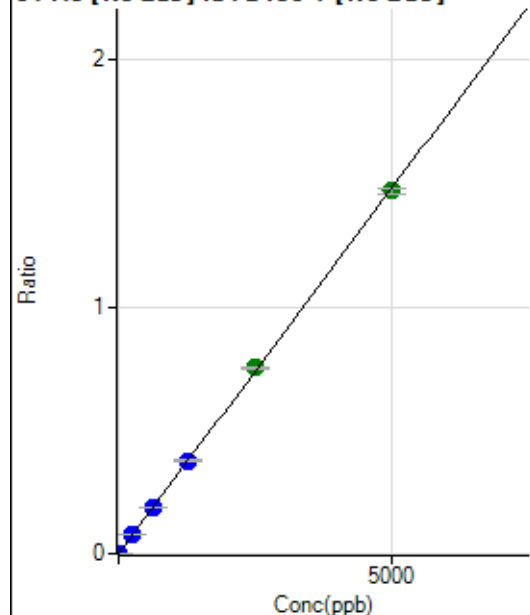
$$R = 0.9999$$

$$DL = 0.06591$$

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	275.02	0.0000	P	1.4
2	☐	0.500					
3	☐	5.000	4.490	17052.58	0.0013	P	4.1
4	☐	250.000	251.162	940534.07	0.0743	P	0.3
5	☐	625.000	634.553	2372876.18	0.1877	P	0.1
6	☐	1250.000	1275.209	4790145.64	0.3772	P	1.9
7	☐	2500.000	2546.764	9739106.03	0.7532	A	1.0
8	☐	5000.000	4969.064	19260776.82	1.4696	A	1.6
9	☐			12013.92	0.0010	P	4.7

$$y = 2.9575\text{E-}004 * x + 2.1834\text{E-}005$$

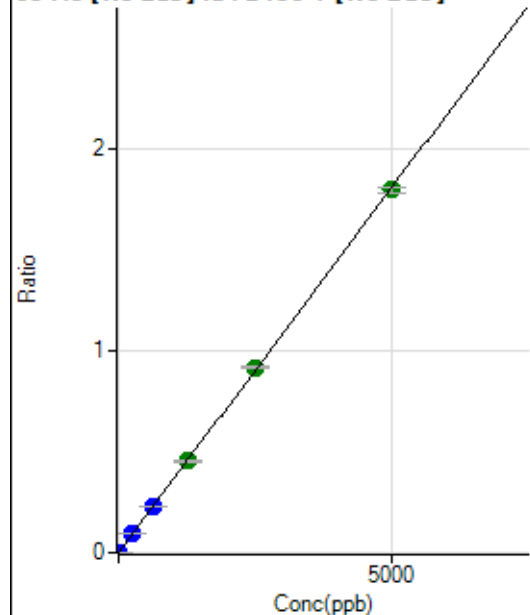
$$R = 0.9999$$

$$DL = 0.003158$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	20.1
2	☐	0.500					
3	☐	5.000	4.488	20546.05	0.0016	P	2.6
4	☐	250.000	254.769	1164638.12	0.0920	P	0.3
5	☐	625.000	640.899	2926039.63	0.2314	P	0.3
6	☐	1250.000	1258.734	5773225.48	0.4546	A	1.7
7	☐	2500.000	2543.788	11877461.98	0.9186	A	1.1
8	☐	5000.000	4973.697	23539818.41	1.7961	A	1.5
9	☐			17725.51	0.0015	P	2.0

$$y = 3.6112\text{E-}004 * x + 5.2828\text{E-}006$$

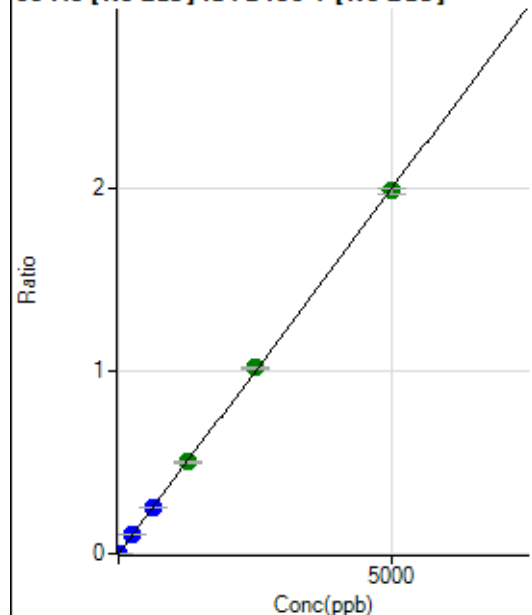
$$R = 0.9999$$

$$DL = 0.008843$$

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	119.45	0.0000	P	48.5
2	☐	0.500					
3	☐	5.000	4.485	22807.87	0.0018	P	0.6
4	☐	250.000	253.469	1284462.37	0.1015	P	0.5
5	☐	625.000	638.655	3232218.67	0.2557	P	0.4
6	☐	1250.000	1259.098	6401238.82	0.5040	A	2.1
7	☐	2500.000	2546.093	13178455.50	1.0192	A	0.8
8	☐	5000.000	4972.800	26089250.76	1.9906	A	1.6
9	☐			24182.43	0.0020	P	5.3

$$y = 4.0030E-004 * x + 9.5063E-006$$

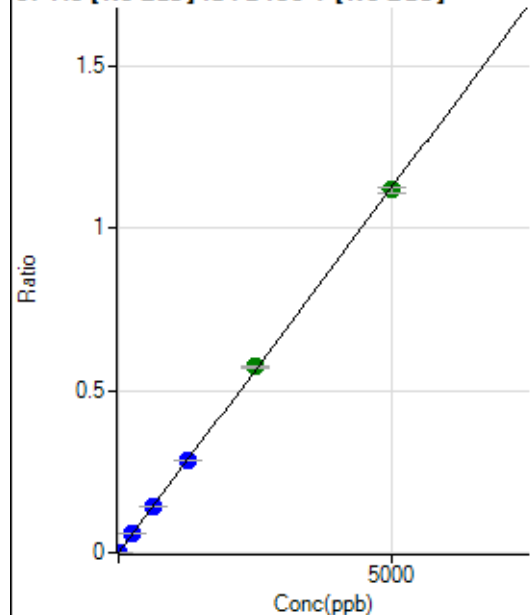
$$R = 0.9999$$

$$DL = 0.03457$$

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	72.23	0.0000	P	24.6
2	☐	0.500					
3	☐	5.000	4.547	13009.17	0.0010	P	0.9
4	☐	250.000	252.877	720825.70	0.0569	P	0.2
5	☐	625.000	632.851	1801591.64	0.1425	P	0.6
6	☐	1250.000	1263.037	3612119.18	0.2844	P	1.7
7	☐	2500.000	2549.235	7421965.44	0.5740	A	0.8
8	☐	5000.000	4970.998	14670056.92	1.1193	A	1.4
9	☐			11288.33	0.0009	P	7.6

$$y = 2.2517E-004 * x + 5.7403E-006$$

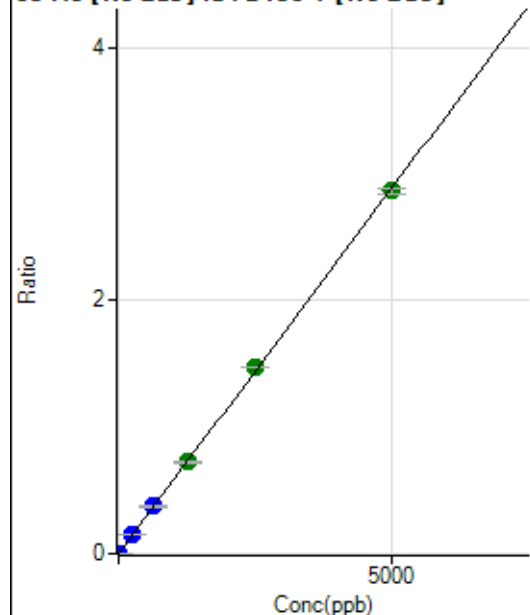
$$R = 0.9999$$

$$DL = 0.01884$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	42.4
2	☐	0.500					
3	☐	5.000	4.672	34125.26	0.0027	P	1.5
4	☐	250.000	253.266	1848520.72	0.1460	P	0.6
5	☐	625.000	645.273	4703723.15	0.3721	P	0.7
6	☐	1250.000	1258.766	9217659.32	0.7258	A	2.1
7	☐	2500.000	2553.674	19038204.42	1.4724	A	0.9
8	☐	5000.000	4968.275	37543286.95	2.8646	A	1.8
9	☐			28493.38	0.0024	P	2.4

$$y = 5.7658\text{E-}004 * x + 6.4104\text{E-}006$$

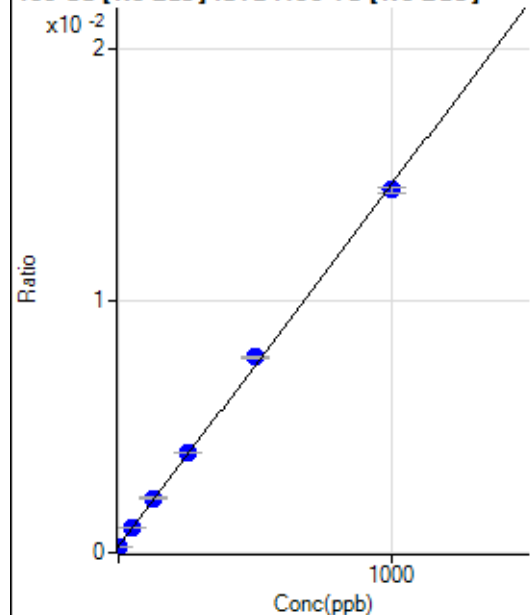
$$R = 0.9999$$

$$DL = 0.01414$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3842.36	0.0002	P	4.0
2	☐	0.100					
3	☐	1.000	0.059	3814.55	0.0003	P	2.1
4	☐	50.000	50.689	15002.89	0.0010	P	0.9
5	☐	125.000	133.772	33596.34	0.0022	P	0.7
6	☐	250.000	259.051	61966.84	0.0040	P	0.9
7	☐	500.000	522.168	122999.23	0.0077	P	0.8
8	☐	1000.000	985.523	232660.34	0.0144	P	1.5
9	☐			3578.38	0.0002	P	2.7

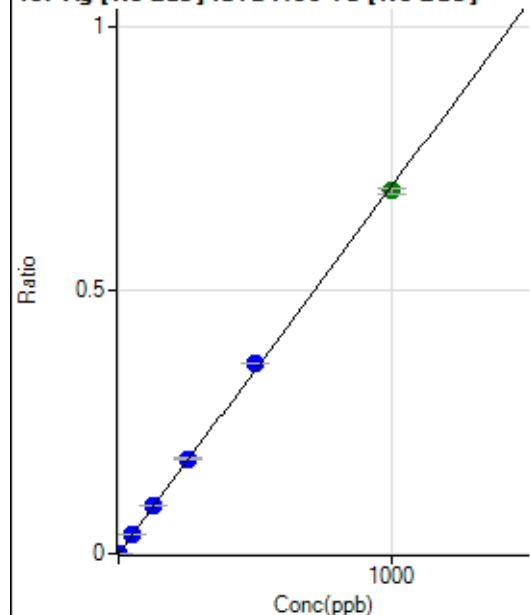
$$y = 1.4339\text{E-}005 * x + 2.4967\text{E-}004$$

$$R = 0.9995$$

$$DL = 2.071$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.12	0.0000	P	4.5
2	☐	0.100					
3	☐	1.000	0.980	10490.44	0.0007	P	3.0
4	☐	50.000	52.973	567742.09	0.0370	P	0.2
5	☐	125.000	131.600	1422622.01	0.0918	P	0.6
6	☐	250.000	257.421	2806364.91	0.1796	P	1.8
7	☐	500.000	517.834	5742110.15	0.3612	P	0.5
8	☐	1000.000	988.254	11151312.05	0.6893	A	1.8
9	☐			738.94	0.0001	P	21.7

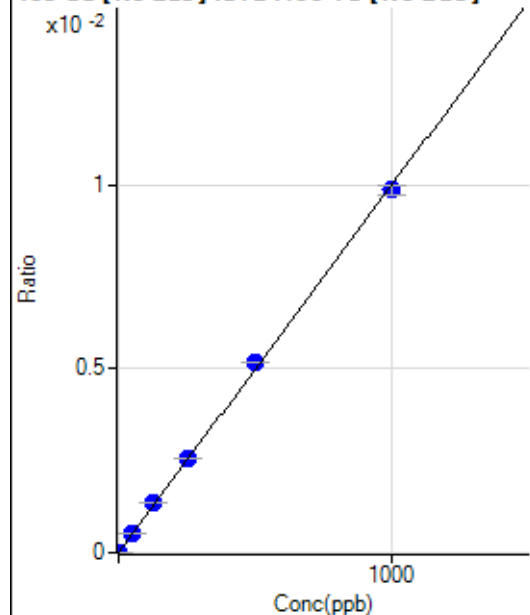
$$y = 6.9748\text{E-}004 * x + 5.5923\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.001093$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	91.0
2	☐	0.100					
3	☐	1.000	0.942	159.72	0.0000	P	18.4
4	☐	50.000	53.073	8159.48	0.0005	P	0.3
5	☐	125.000	134.589	20846.15	0.0013	P	1.5
6	☐	250.000	256.936	40122.12	0.0026	P	1.4
7	☐	500.000	518.391	82316.40	0.0052	P	0.9
8	☐	1000.000	987.718	159576.04	0.0099	P	2.5
9	☐			40.28	0.0000	P	26.1

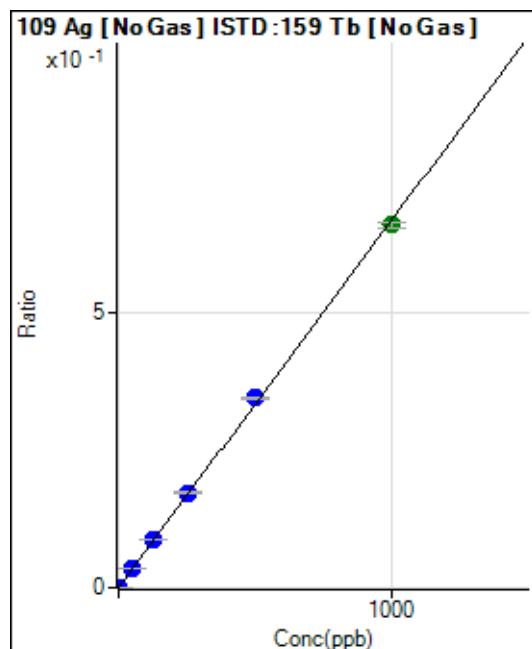
$$y = 9.9862\text{E-}006 * x + 1.0873\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.2973$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	32.6
2	☐	0.100					
3	☐	1.000	0.974	9984.50	0.0007	P	2.0
4	☐	50.000	53.349	548260.60	0.0357	P	0.4
5	☐	125.000	131.810	1366346.21	0.0882	P	0.4
6	☐	250.000	258.473	2702011.45	0.1729	P	2.0
7	☐	500.000	517.746	5505171.21	0.3463	P	0.9
8	☐	1000.000	987.990	10690534.53	0.6608	A	1.7
9	☐			655.60	0.0000	P	13.4

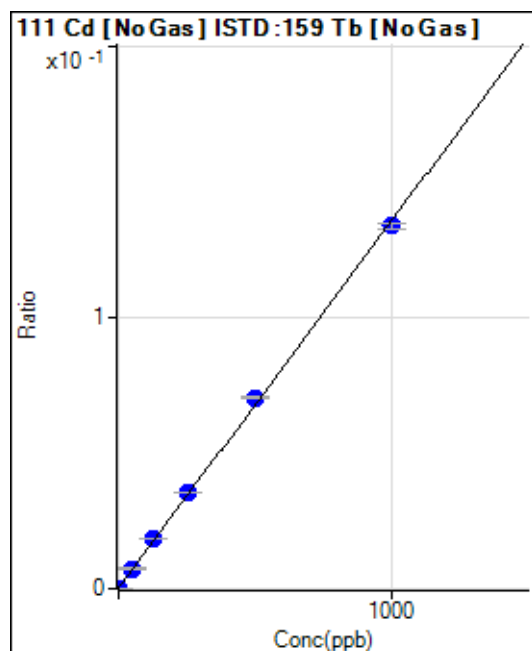
$$y = 6.6883\text{E-}004 * x + 4.3237\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.006317$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2693.26	0.0002	P	4.1
2	☐	0.100					
3	☐	1.000	0.944	4608.57	0.0003	P	0.9
4	☐	50.000	53.568	114023.20	0.0074	P	0.6
5	☐	125.000	132.763	281051.88	0.0181	P	0.5
6	☐	250.000	260.745	554055.43	0.0354	P	1.7
7	☐	500.000	518.902	1118738.19	0.0704	P	0.8
8	☐	1000.000	986.714	2162275.80	0.1337	P	1.7
9	☐			2723.90	0.0002	P	2.1

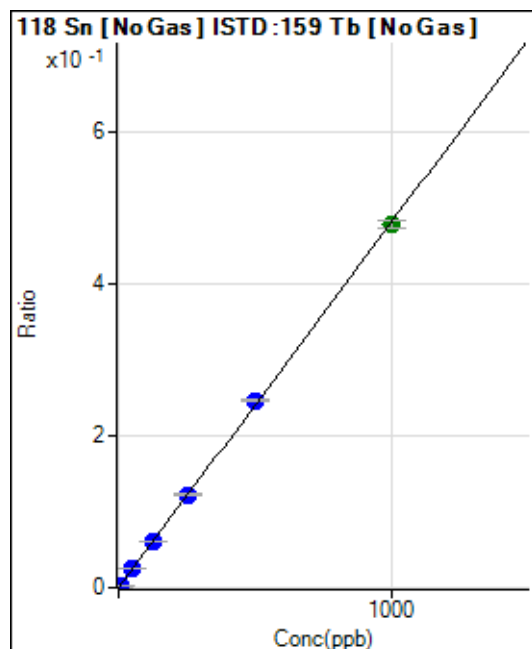
$$y = 1.3528\text{E-}004 * x + 1.7500\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.1586$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1202.89	0.0001	P	11.7
2	☐	0.500					
3	☐	5.000	4.712	35713.18	0.0023	P	2.4
4	☐	50.000	51.473	381798.99	0.0249	P	0.4
5	☐	125.000	128.549	960022.81	0.0619	P	0.2
6	☐	250.000	254.556	1916018.84	0.1226	P	1.9
7	☐	500.000	511.210	3912538.59	0.2461	P	1.0
8	☐	1000.000	992.741	7730309.11	0.4779	A	2.3
9	☐			9898.36	0.0007	P	5.0

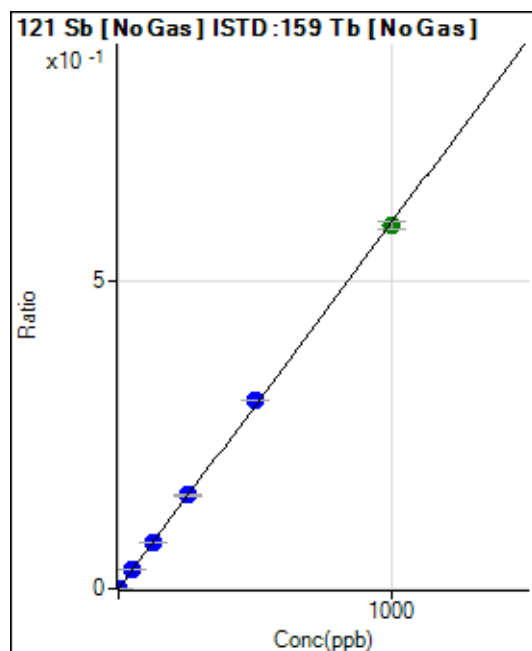
$$y = 4.8128\text{E-}004 * x + 7.8186\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.05711$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	18.7
2	☐	0.200					
3	☐	2.000	1.861	16944.20	0.0011	P	3.0
4	☐	50.000	50.690	463307.79	0.0302	P	0.7
5	☐	125.000	127.617	1176455.84	0.0759	P	0.5
6	☐	250.000	255.211	2372475.05	0.1518	P	2.3
7	☐	500.000	514.841	4868257.18	0.3062	P	0.7
8	☐	1000.000	990.915	9534623.82	0.5894	A	2.1
9	☐			23217.24	0.0016	P	3.5

$$y = 5.9478\text{E-}004 * x + 6.3217\text{E-}006$$

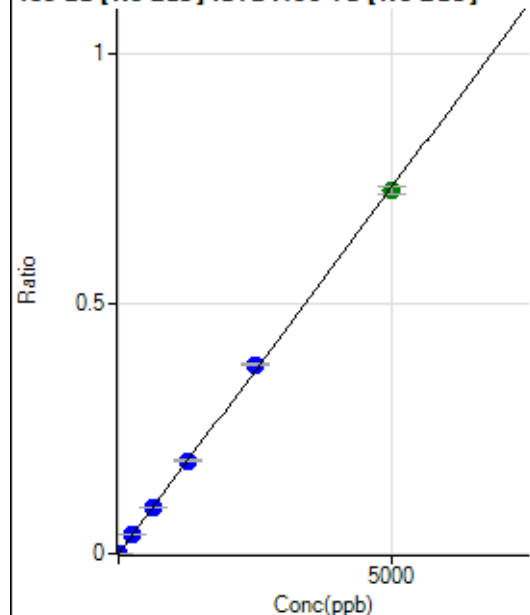
$$R = 0.9998$$

$$DL = 0.00596$$

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	19.44	0.0000	P	64.5
2	☐	1.000					
3	☐	10.000	9.223	20616.01	0.0014	P	3.4
4	☐	250.000	254.390	573206.08	0.0373	P	0.7
5	☐	625.000	640.015	1454689.20	0.0939	P	0.6
6	☐	1250.000	1270.266	2911630.73	0.1863	P	2.2
7	☐	2500.000	2578.124	6010792.71	0.3781	P	1.3
8	☐	5000.000	4953.777	11753077.35	0.7265	A	2.0
9	☐			2900.44	0.0002	P	2.5

$$y = 1.4666\text{E-}004 * x + 1.2569\text{E-}006$$

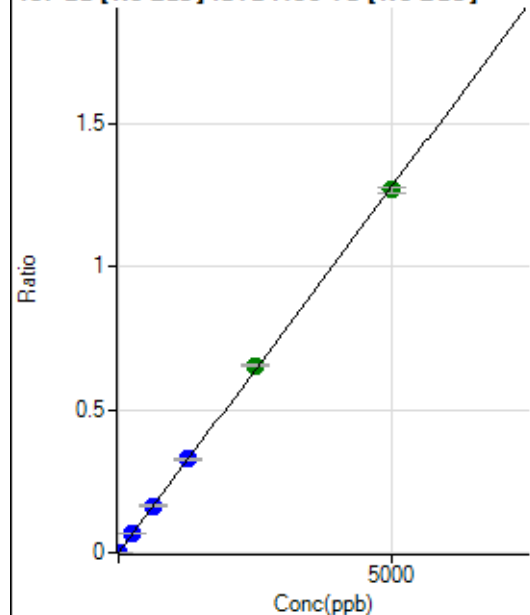
$$R = 0.9998$$

$$DL = 0.01657$$

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	44.45	0.0000	P	54.6
2	☐	1.000					
3	☐	10.000	9.313	36345.72	0.0024	P	1.8
4	☐	250.000	255.763	1006049.33	0.0655	P	0.3
5	☐	625.000	643.614	2553701.66	0.1648	P	0.4
6	☐	1250.000	1281.419	5127568.39	0.3281	P	1.9
7	☐	2500.000	2554.134	10395486.34	0.6539	A	0.8
8	☐	5000.000	4962.465	20553675.29	1.2705	A	1.7
9	☐			4981.68	0.0003	P	5.3

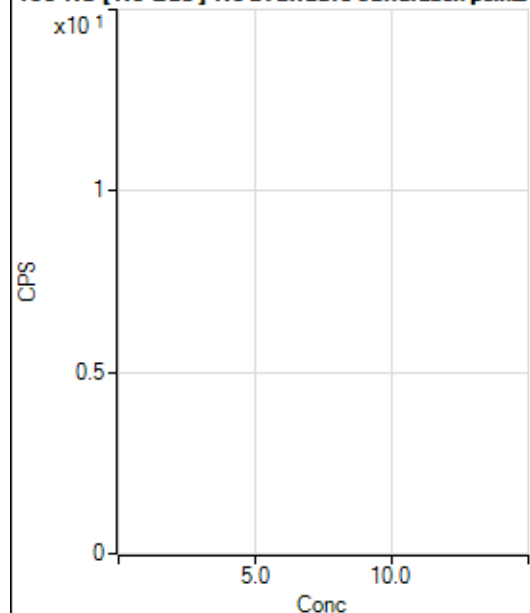
$$y = 2.5602\text{E-}004 * x + 2.8984\text{E-}006$$

$$R = 0.9999$$

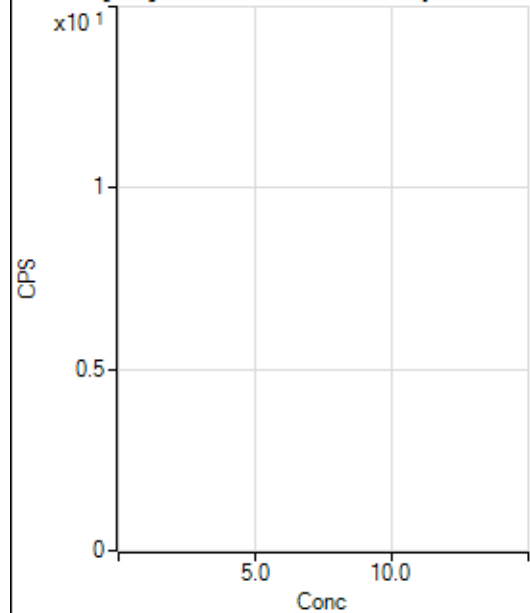
$$DL = 0.01856$$

Weight: <None>

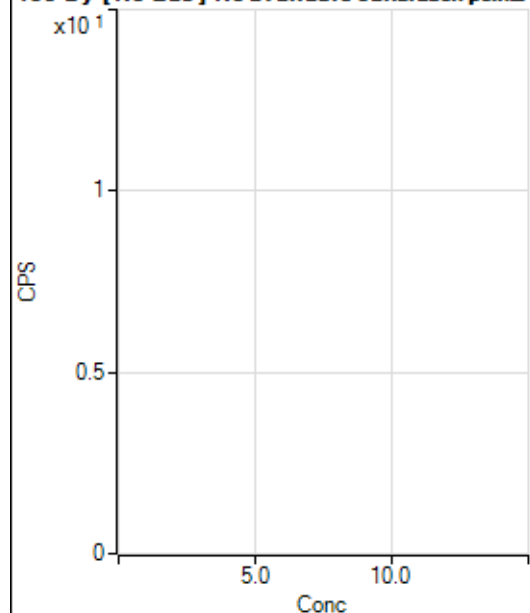
Min Conc: 0

150 Nd [No Gas] No available calibration points

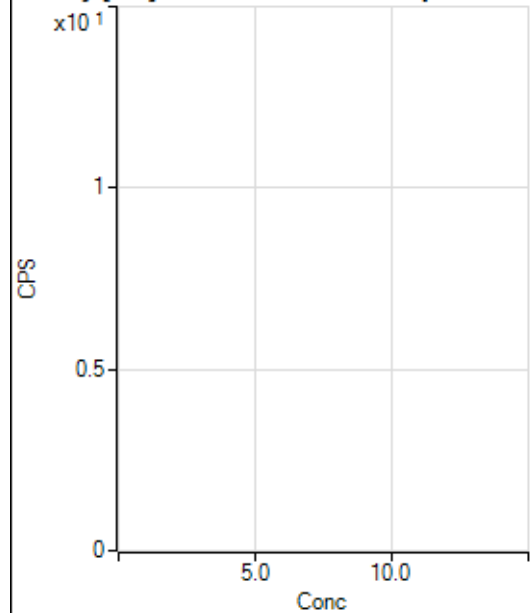
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.2
2	☐						
3	☐			4.45		P	86.6
4	☐			48.89		P	34.3
5	☐			88.89		P	22.9
6	☐			195.56		P	20.0
7	☐			364.47		P	12.8
8	☐			686.71		P	14.6
9	☐			111.12		P	15.1

150 Nd [He] No available calibration points

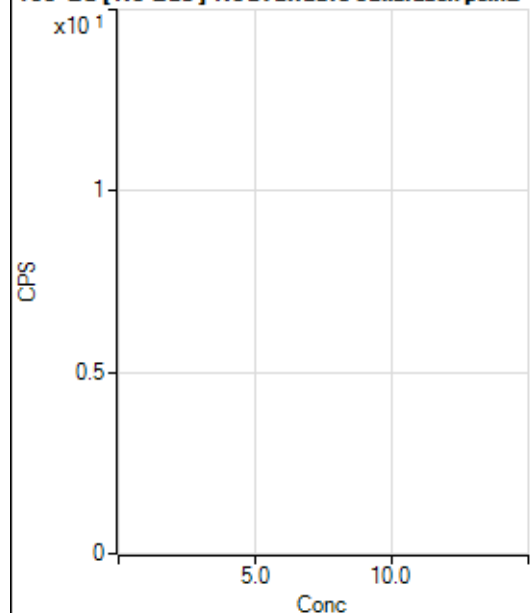
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			2.22		P	173.2
4	☐			4.44		P	43.4
5	☐			17.78		P	21.7
6	☐			23.33		P	42.9
7	☐			51.11		P	37.1
8	☐			76.67		P	13.0
9	☐			36.66		P	15.7

156 Dy [No Gas] No available calibration points

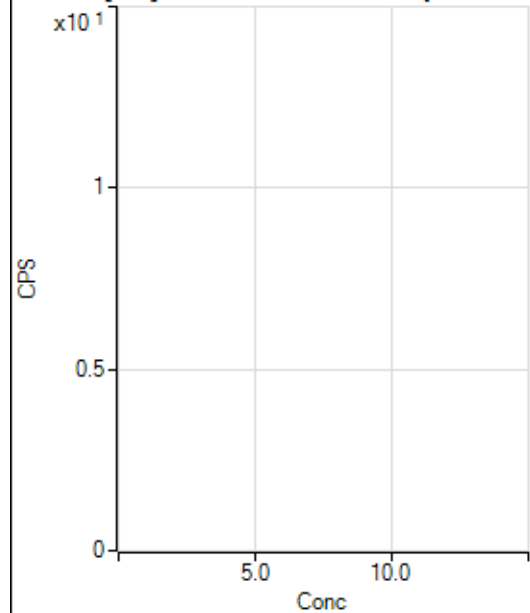
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐						
3	☐			8.33		P	0.0
4	☐			13.89		P	69.3
5	☐			30.56		P	41.7
6	☐			36.11		P	35.3
7	☐			91.67		P	9.1
8	☐			136.12		P	21.5
9	☐			102.78		P	12.4

156 Dy [He] No available calibration points

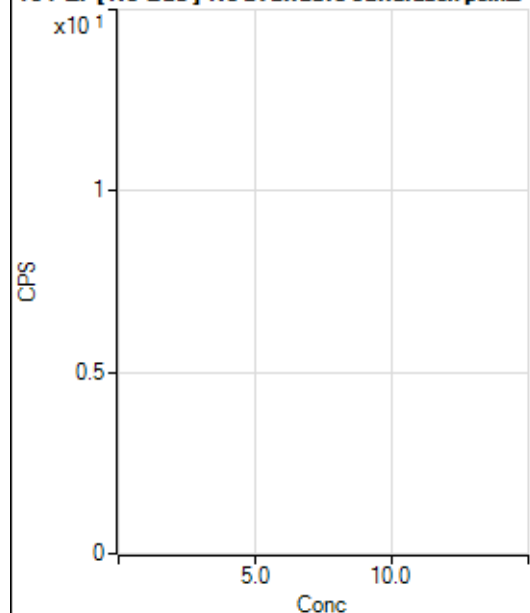
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			10.00		P	66.7
4	☐			12.22		P	31.5
5	☐			7.78		P	65.5
6	☐			24.45		P	15.8
7	☐			58.89		P	29.1
8	☐			98.89		P	11.8
9	☐			45.56		P	22.4

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

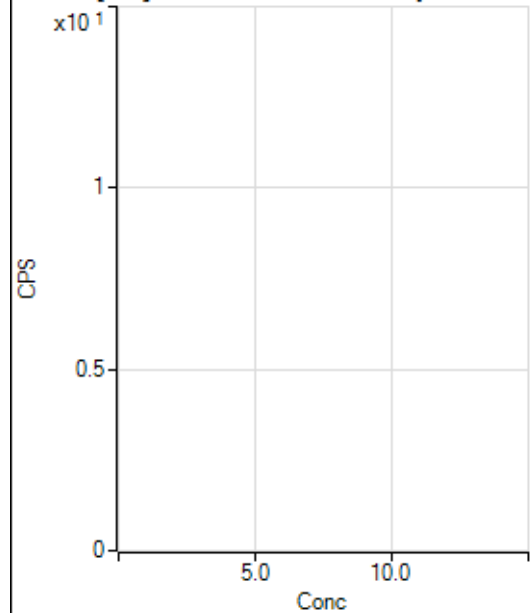
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	28.9
2	☐						
3	☐			44.45		P	28.7
4	☐			58.33		P	37.8
5	☐			63.89		P	7.5
6	☐			50.01		P	28.9
7	☐			94.45		P	27.0
8	☐			136.12		P	9.4
9	☐			130.56		P	9.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			116.67		P	17.1
2	☐						
3	☐			131.11		P	14.5
4	☐			125.56		P	26.6
5	☐			120.00		P	14.4
6	☐			153.34		P	17.0
7	☐			144.45		P	11.4
8	☐			140.00		P	18.6
9	☐			124.45		P	17.0

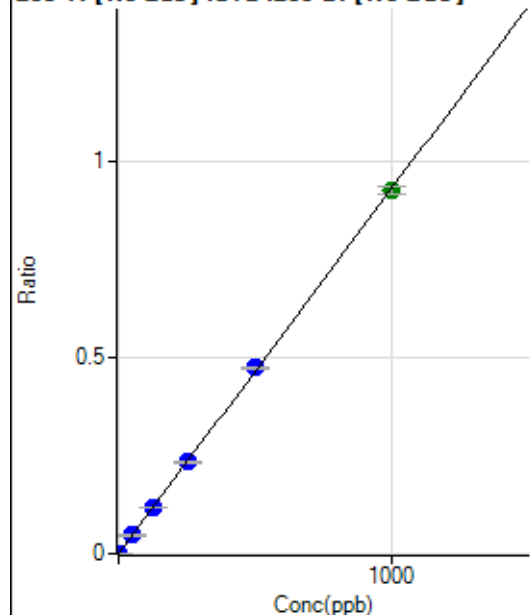
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	69.3
2	☐						
3	☐			52.78		P	18.2
4	☐			52.78		P	24.1
5	☐			55.56		P	45.8
6	☐			44.45		P	10.8
7	☐			72.23		P	65.6
8	☐			63.89		P	32.8
9	☐			52.78		P	50.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.44		P	7.9
2	☐						
3	☐			27.78		P	6.9
4	☐			21.11		P	36.5
5	☐			32.22		P	6.0
6	☐			41.11		P	28.5
7	☐			35.56		P	51.6
8	☐			38.89		P	17.8
9	☐			33.33		P	20.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	21.5
2	☐	0.100					
3	☐	1.000	0.924	7999.93	0.0009	P	1.2
4	☐	50.000	50.228	432569.06	0.0468	P	1.2
5	☐	125.000	125.459	1089398.78	0.1169	P	0.7
6	☐	250.000	251.875	2182774.20	0.2347	P	1.9
7	☐	500.000	510.797	4415925.62	0.4760	P	0.9
8	☐	1000.000	994.064	8655953.75	0.9263	A	2.1
9	☐			4278.66	0.0005	P	5.3

$$y = 9.3177\text{E-}004 * x + 1.4237\text{E-}005$$

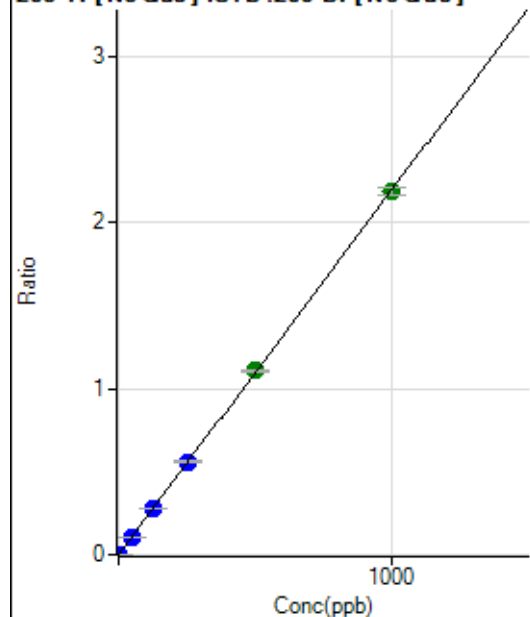
$$R = 0.9999$$

$$DL = 0.00984$$

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	333.35	0.0000	P	18.0
2	☐	0.100					
3	☐	1.000	0.924	18864.16	0.0021	P	2.6
4	☐	50.000	49.941	1012779.19	0.1096	P	0.7
5	☐	125.000	126.396	2584301.84	0.2773	P	0.6
6	☐	250.000	255.770	5218813.18	0.5612	P	2.4
7	☐	500.000	505.011	10279906.04	1.1080	A	1.4
8	☐	1000.000	995.881	20418925.80	2.1850	A	2.2
9	☐			10651.98	0.0013	P	7.7

$$y = 0.0022 * x + 3.5618\text{E-}005$$

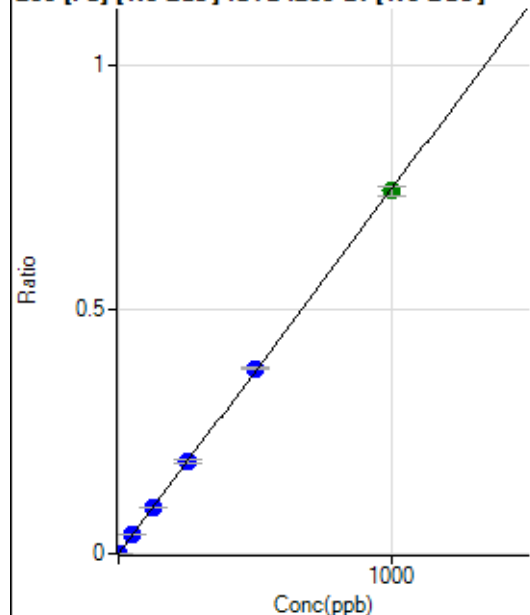
$$R = 1.0000$$

$$DL = 0.008749$$

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	309.27	0.0000	P	20.3
2	☐	0.100					
3	☐	1.000	0.948	6770.43	0.0007	P	2.6
4	☐	50.000	50.313	347182.84	0.0376	P	0.5
5	☐	125.000	126.469	879540.33	0.0944	P	0.6
6	☐	250.000	253.296	1757804.48	0.1890	P	2.3
7	☐	500.000	507.922	3516252.62	0.3790	P	1.4
8	☐	1000.000	995.016	6937568.85	0.7424	A	2.6
9	☐			12155.88	0.0015	P	2.5

$$y = 7.4611\text{E-}004 * x + 3.3051\text{E-}005$$

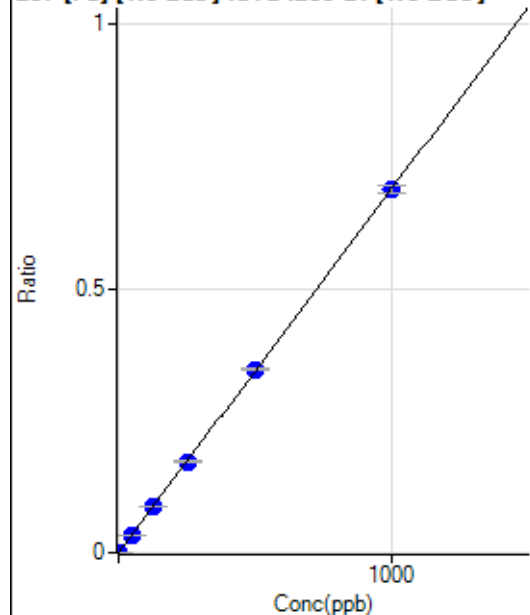
$$R = 0.9999$$

$$DL = 0.02701$$

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	261.12	0.0000	P	19.5
2	☐	0.100					
3	☐	1.000	0.906	5955.23	0.0007	P	4.6
4	☐	50.000	49.761	316564.05	0.0343	P	0.6
5	☐	125.000	124.967	801282.53	0.0860	P	0.5
6	☐	250.000	250.211	1600964.26	0.1721	P	2.1
7	☐	500.000	504.253	3218604.56	0.3469	P	0.8
8	☐	1000.000	997.837	6414930.58	0.6864	P	2.1
9	☐			10128.18	0.0013	P	2.3

$$y = 6.8790\text{E-}004 * x + 2.7939\text{E-}005$$

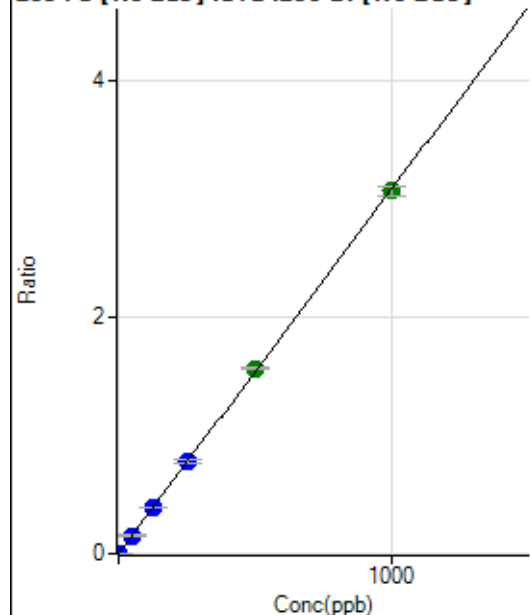
$$R = 1.0000$$

$$DL = 0.02378$$

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	1350.07	0.0001	P	1.8
2	☐	0.100					
3	☐	1.000	0.935	27678.89	0.0030	P	0.4
4	☐	50.000	50.026	1426009.79	0.1543	P	0.2
5	☐	125.000	126.034	3620730.98	0.3886	P	0.4
6	☐	250.000	252.906	7249691.39	0.7796	P	2.5
7	☐	500.000	507.145	14502679.92	1.5631	A	1.1
8	☐	1000.000	995.570	28673816.67	3.0684	A	2.4
9	☐			48080.10	0.0060	P	2.2

$$y = 0.0031 * x + 1.4439E-004$$

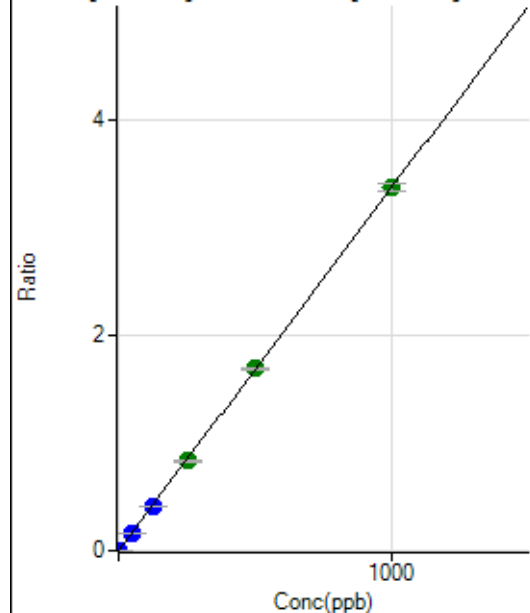
$$R = 1.0000$$

$$DL = 0.00258$$

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	100.00	0.0000	P	7.1
2	☐	0.100					
3	☐	1.000	0.862	26656.01	0.0029	P	1.9
4	☐	50.000	48.466	1510077.20	0.1634	P	0.4
5	☐	125.000	123.755	3888036.07	0.4173	P	0.3
6	☐	250.000	246.808	7738286.55	0.8322	A	2.7
7	☐	500.000	502.638	15723301.39	1.6947	A	1.1
8	☐	1000.000	999.711	31498489.24	3.3706	A	2.2
9	☐			2275.31	0.0003	P	3.5

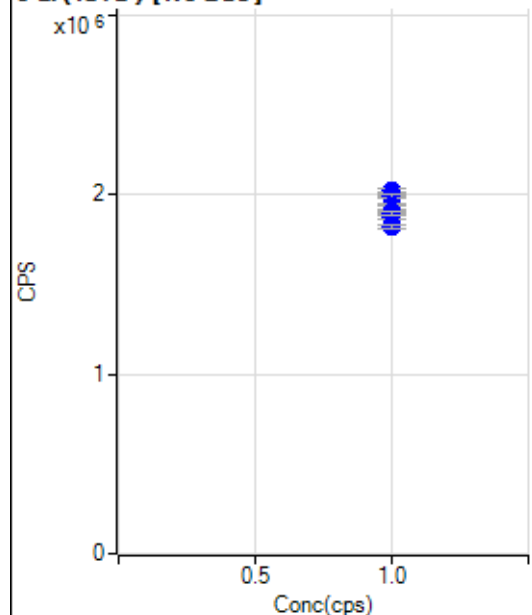
$$y = 0.0034 * x + 1.0691E-005$$

$$R = 1.0000$$

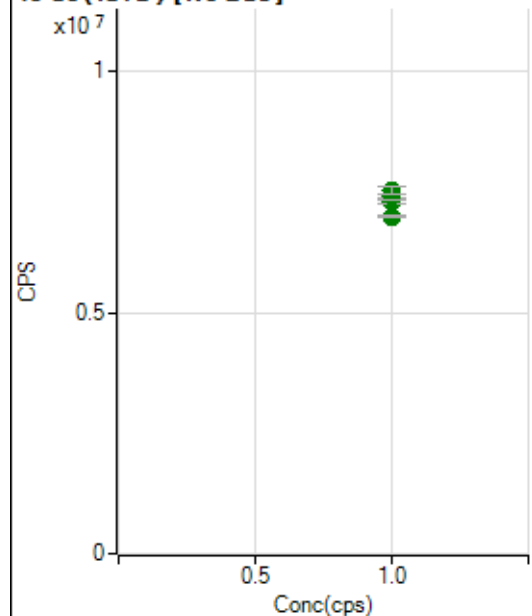
$$DL = 0.0006765$$

Weight: <None>

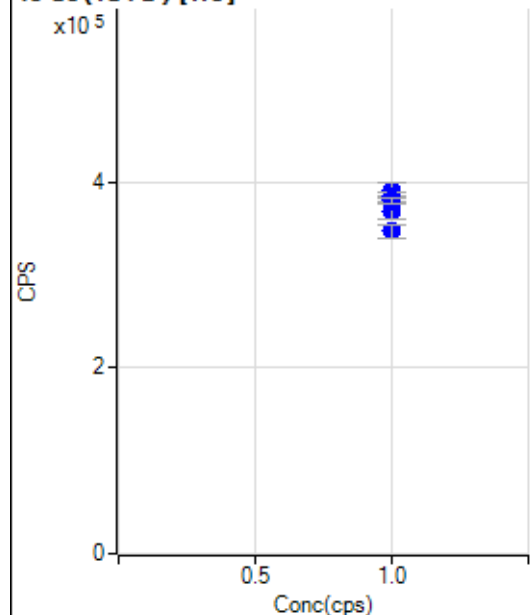
Min Conc: 0

6 Li (ISTD) [No Gas]

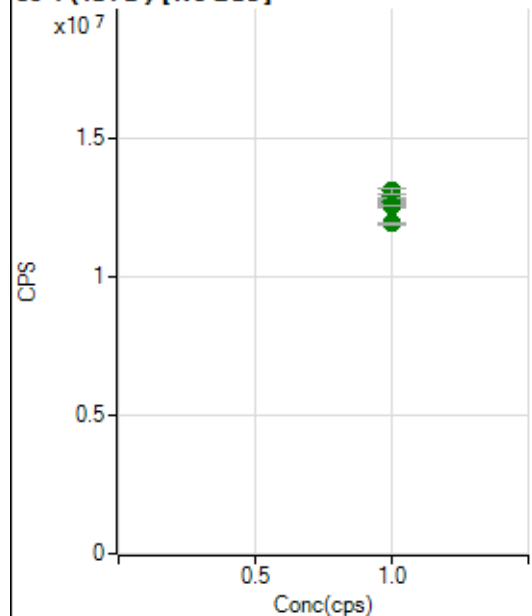
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2019235.23		P	1.1
2	☐	1.000					
3	☐	1.000		1999133.11		P	1.2
4	☐	1.000		1990981.98		P	0.6
5	☐	1.000		1942177.77		P	0.5
6	☐	1.000		1905222.94		P	1.1
7	☐	1.000		1869939.73		P	0.9
8	☐	1.000		1897267.18		P	1.1
9	☐	1.000		1819713.50		P	1.0

45 Sc (ISTD) [No Gas]

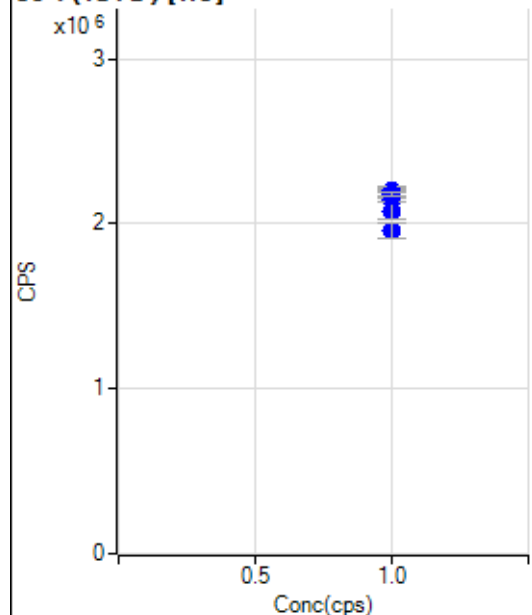
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7352402.51		A	2.5
2	☐	1.000					
3	☐	1.000		7418969.44		A	0.9
4	☐	1.000		7361424.56		A	0.5
5	☐	1.000		7320006.67		A	0.2
6	☐	1.000		7309967.09		A	1.8
7	☐	1.000		7397634.11		A	1.4
8	☐	1.000		7517741.66		A	2.1
9	☐	1.000		6986624.03		A	0.2

45 Sc (ISTD) [He]

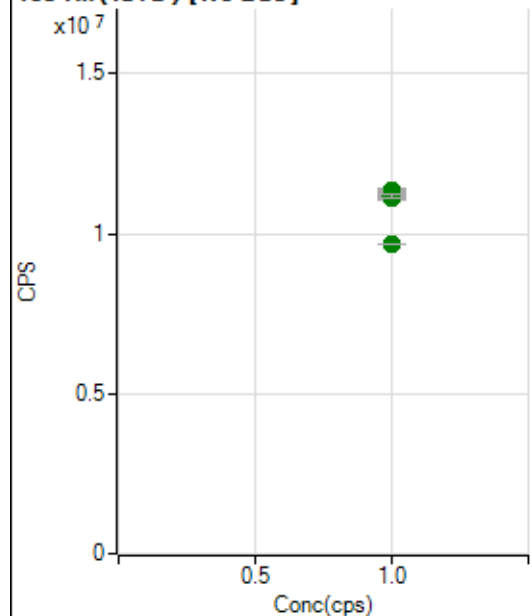
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		381068.95		P	1.7
2	☐	1.000					
3	☐	1.000		390024.53		P	4.1
4	☐	1.000		367312.40		P	4.4
5	☐	1.000		378069.22		P	0.2
6	☐	1.000		381763.09		P	1.7
7	☐	1.000		383825.17		P	2.3
8	☐	1.000		379697.14		P	1.3
9	☐	1.000		346332.10		P	4.7

89 Y (ISTD) [No Gas]

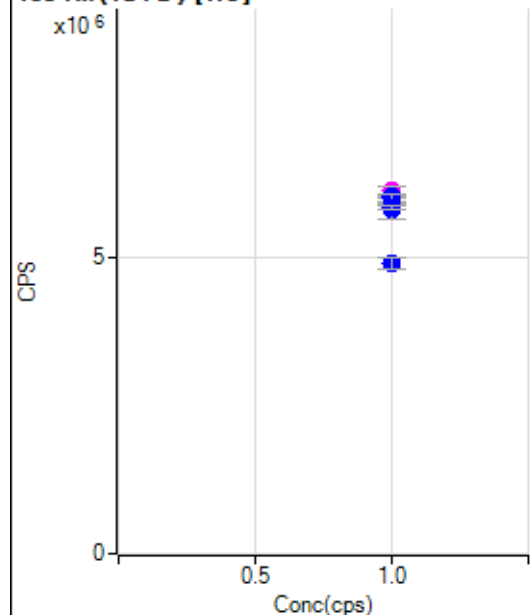
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12597601.34		A	1.4
2	☐	1.000					
3	☐	1.000		12636469.26		A	0.7
4	☐	1.000		12658198.70		A	0.2
5	☐	1.000		12642556.76		A	0.3
6	☐	1.000		12703002.03		A	1.6
7	☐	1.000		12930564.11		A	0.8
8	☐	1.000		13107778.83		A	1.3
9	☐	1.000		11920305.94		A	0.4

89 Y(ISTD) [He]

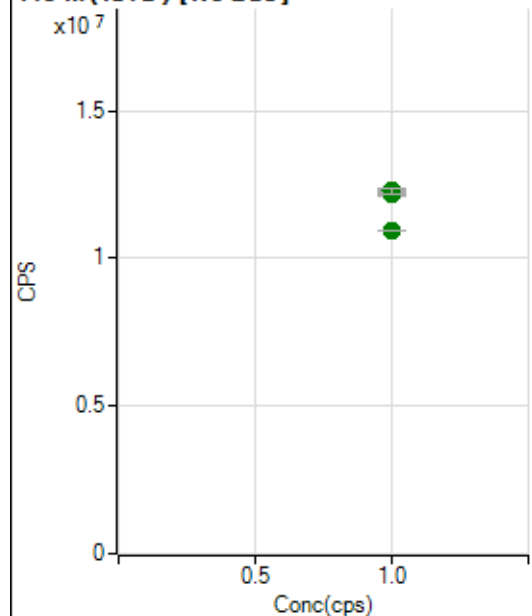
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2143327.33		P	0.9
2	☐	1.000					
3	☐	1.000		2184816.64		P	3.0
4	☐	1.000		2077214.19		P	4.9
5	☐	1.000		2164113.08		P	0.1
6	☐	1.000		2183643.86		P	1.5
7	☐	1.000		2199195.80		P	2.4
8	☐	1.000		2179258.34		P	1.0
9	☐	1.000		1961665.07		P	4.6

103 Rh(ISTD) [No Gas]

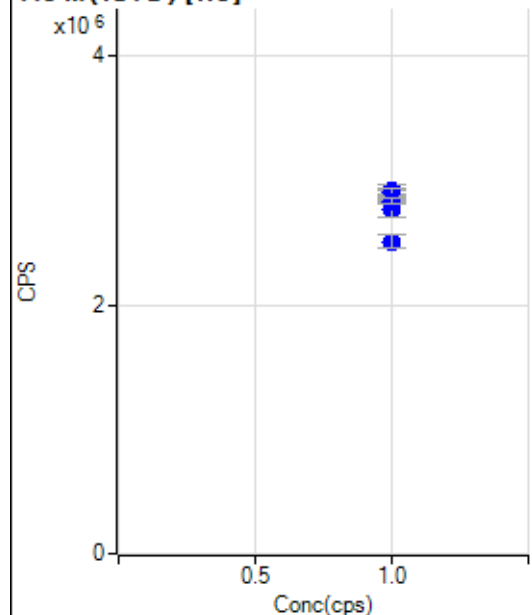
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11336553.29		A	1.5
2	☐	1.000					
3	☐	1.000		11321081.85		A	0.9
4	☐	1.000		11257085.32		A	0.2
5	☐	1.000		11195091.92		A	0.1
6	☐	1.000		11112259.97		A	1.4
7	☐	1.000		11197465.70		A	0.9
8	☐	1.000		11186623.86		A	1.3
9	☐	1.000		9688870.10		A	0.2

103 Rh (ISTD) [He]

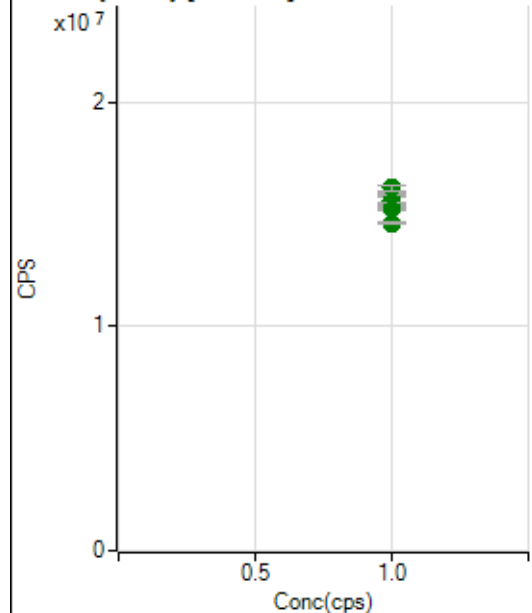
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6047260.33		P	0.7
2	☐	1.000					
3	☐	1.000		6132495.25		M	2.9
4	☐	1.000		5803188.32		P	4.9
5	☐	1.000		6010236.51		P	0.4
6	☐	1.000		6050349.77		P	1.1
7	☐	1.000		5999588.66		P	2.4
8	☐	1.000		5842924.29		P	1.2
9	☐	1.000		4909415.97		P	4.4

115 In (ISTD) [No Gas]

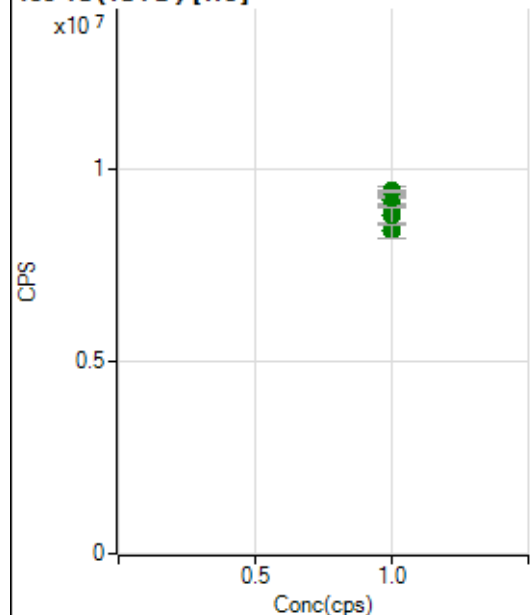
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12194531.00		A	1.4
2	☐	1.000					
3	☐	1.000		12158560.99		A	0.8
4	☐	1.000		12163256.29		A	0.2
5	☐	1.000		12204111.96		A	0.2
6	☐	1.000		12202185.87		A	2.0
7	☐	1.000		12272488.23		A	0.6
8	☐	1.000		12283782.78		A	1.7
9	☐	1.000		10952216.49		A	0.2

115 In (ISTD) [He]

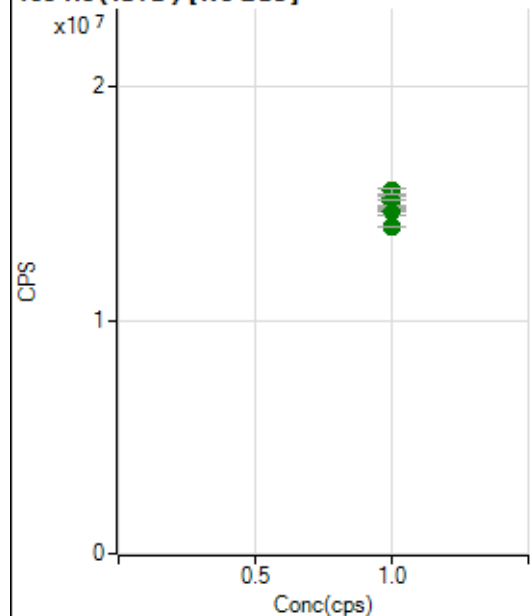
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2869829.59		P	1.2
2	☐	1.000					
3	☐	1.000		2918492.09		P	3.4
4	☐	1.000		2772132.15		P	4.7
5	☐	1.000		2886036.88		P	0.2
6	☐	1.000		2905523.51		P	1.5
7	☐	1.000		2905853.69		P	2.4
8	☐	1.000		2837593.84		P	1.5
9	☐	1.000		2509041.97		P	4.3

159 Tb (ISTD) [No Gas]

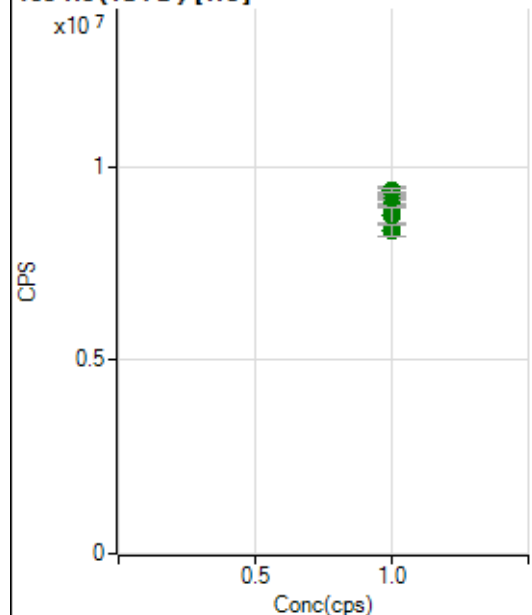
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15394526.71		A	1.1
2	☐	1.000					
3	☐	1.000		15225912.13		A	0.8
4	☐	1.000		15363766.72		A	0.4
5	☐	1.000		15497869.07		A	0.2
6	☐	1.000		15633060.05		A	1.8
7	☐	1.000		15898244.90		A	0.7
8	☐	1.000		16180890.18		A	1.6
9	☐	1.000		14616739.23		A	0.3

159 Tb (ISTD) [He]

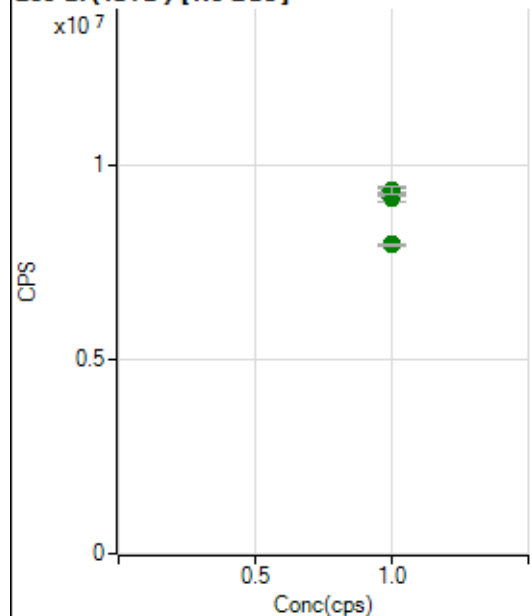
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9030725.49		A	0.9
2	☐	1.000					
3	☐	1.000		9188867.64		A	3.0
4	☐	1.000		8801368.76		A	4.4
5	☐	1.000		9241563.06		A	0.2
6	☐	1.000		9391762.57		A	1.0
7	☐	1.000		9428524.23		A	2.5
8	☐	1.000		9427580.48		A	0.8
9	☐	1.000		8384447.10		A	4.3

165 Ho (ISTD) [No Gas]

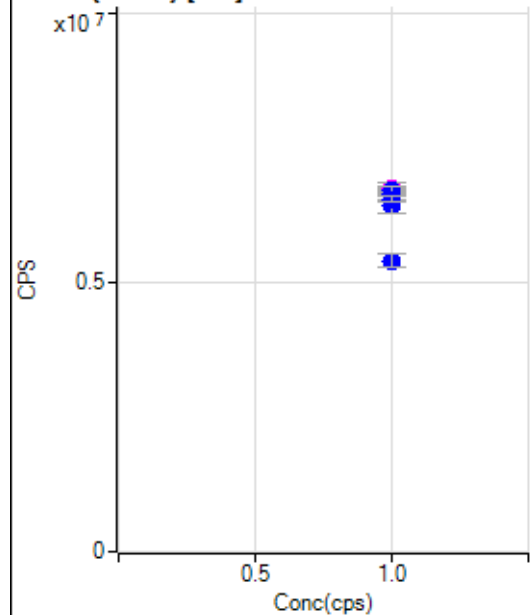
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14743278.80		A	1.6
2	☐	1.000					
3	☐	1.000		14618145.64		A	1.3
4	☐	1.000		14754914.74		A	0.2
5	☐	1.000		14838491.83		A	0.4
6	☐	1.000		15055201.38		A	1.6
7	☐	1.000		15216801.03		A	0.8
8	☐	1.000		15535522.05		A	1.6
9	☐	1.000		14009634.17		A	0.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8998064.73		A	1.1
2	☐	1.000					
3	☐	1.000		9120676.74		A	3.4
4	☐	1.000		8745434.03		A	4.3
5	☐	1.000		9165402.99		A	0.5
6	☐	1.000		9293934.58		A	1.0
7	☐	1.000		9372210.62		A	2.3
8	☐	1.000		9371662.50		A	0.9
9	☐	1.000		8343226.13		A	4.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9348489.17		A	1.4
2	☐	1.000					
3	☐	1.000		9143697.36		A	1.4
4	☐	1.000		9240626.95		A	0.9
5	☐	1.000		9318016.39		A	0.4
6	☐	1.000		9302447.22		A	2.0
7	☐	1.000		9278581.39		A	1.0
8	☐	1.000		9347897.08		A	2.1
9	☐	1.000		7962347.03		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6699772.19		P	1.2
2	☐	1.000					
3	☐	1.000		6744537.33		M	3.9
4	☐	1.000		6437856.36		P	5.0
5	☐	1.000		6723035.94		P	0.5
6	☐	1.000		6737521.36		P	1.5
7	☐	1.000		6662061.29		P	3.5
8	☐	1.000		6558177.75		P	1.4
9	☐	1.000		5412862.38		P	4.3

US EPA Tune Check Sample Report

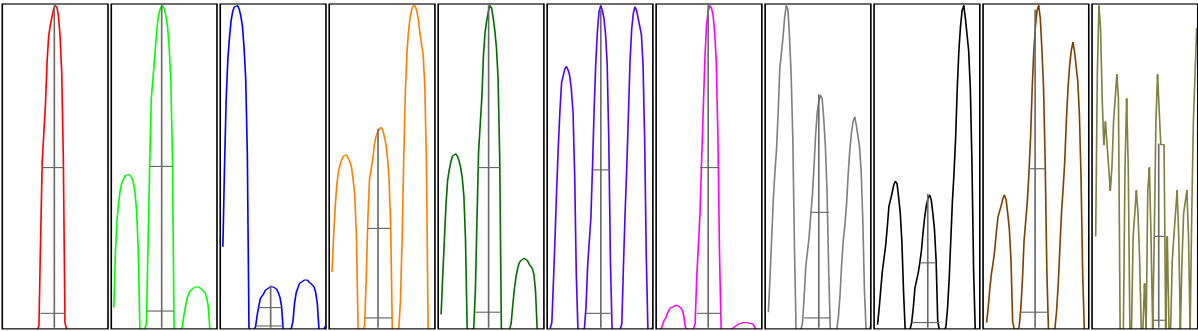
Batch Folder D:\ICP-MS Data\P7013018-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7748	0.50	5.00	
24	119831	0.33	5.00	
25	15936	0.53	5.00	
26	18372	0.44	5.00	
59	99164	0.27	5.00	
113	11847	0.84	5.00	
115	160523	0.97	5.00	
206	34297	0.33	5.00	
207	30945	0.62	5.00	
208	74215	0.43	5.00	
220	0	27.16		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7699	7789	7725	7742	7785
24	119809	119830	119219	119998	120297
25	15899	15938	15816	15996	16032
26	18345	18425	18267	18343	18478
59	99244	99233	98695	99394	99254
113	11966	11940	11750	11801	11777
115	162980	160975	159292	160235	159136
206	34429	34318	34158	34209	34370
207	31148	31066	30662	31003	30847
208	74453	74369	73662	74204	74386
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	13413	9.00	8.9 - 9.1		0.739	0.900	
24	192315	23.95	23.9 - 24.1		0.787	0.900	
25	25391	24.95	24.9 - 25.1		0.789	0.900	
26	29204	25.90	25.9 - 26.1		0.786	0.900	
59	170259	58.95	58.9 - 59.1		0.774	0.900	
113	23328	113.05	112.9 - 113.1		0.753	0.900	
115	318431	115.00	114.9 - 115.1		0.728	0.900	
206	69544	206.05	205.9 - 206.1		0.781	0.900	
207	62939	207.05	206.9 - 207.1		0.756	0.900	
208	149709	208.00	207.9 - 208.1		0.794	0.900	
220	0	220.40	-		0.343		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.3	V	Deflect	15.2	V
Extract 2	-125.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	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	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	28325	0.53	
89	11491	0.58	
205	32673	0.50	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	28166	28477	28186	28473	28324
89	11452	11522	11523	11562	11396
205	32787	32662	32629	32855	32432

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.1	V	Deflect	2.2	V
Extract 2	-135.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 11:48:03	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.35	0.05	0.30	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.20	0.18	0.02	0.00	N/A	ppb
Boron	11-1	-0.04	0.02	0.03	0.00	N/A	ppb
Cadmium	111-1	-0.06	0.03	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.77	0.21	0.56	0.00	N/A	ppb
Cadmium	108-1	-0.03	-0.08	0.11	0.00	N/A	ppb
Calcium	43-1	-0.85	0.45	0.41	0.00	N/A	ppb
Calcium	44-1	-0.14	-0.31	0.45	0.00	N/A	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.04	0.00	-0.04	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	0.02	0.03	-0.05	0.00	N/A	ppb
Iron	57-2	-0.19	0.17	0.02	0.00	N/A	ppb
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	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	-0.05	0.28	-0.23	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 11:48:03	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Phosphorus	31-2	3.95	-9.33	-16.87	-7.41		ppb
Potassium	39-2	3.73	-4.63	0.90	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.31	-0.15	-0.15	0.00	N/A	ppb
Selenium	78-2	2.41	-1.30	-1.11	0.00	N/A	ppb
Selenium	82-1	0.05	-0.37	0.31	0.00	N/A	ppb
Silicon	28-1	-1.28	-0.73	2.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.03	0.15	-0.18	0.00	N/A	ppb
Strontium	86-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-194.50	-142.12	335.39	-0.41		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Titanium	47-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 11:48:03	DataFile Name :	003CALB.d

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

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 11:56:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.17	17.07	19.97	18.74	7.99	ppb
Antimony	121-1	1.93	1.83	1.82	1.86	3.07	ppb
Arsenic	75-2	0.88	0.96	0.90	0.92	4.63	ppb
Barium	135-1	9.36	8.86	9.45	9.22	3.45	ppb
Barium	137-1	9.18	9.50	9.26	9.31	1.77	ppb
Beryllium	9-1	0.89	0.97	0.98	0.95	5.50	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	21.73	21.83	21.25	21.60	1.45	ppb
Boron	11-1	22.35	22.36	21.82	22.17	1.38	ppb
Cadmium	111-1	0.96	0.92	0.95	0.94	2.07	ppb
Cadmium	106-1	-0.35	0.37	0.16	0.06	626.70	ppb
Cadmium	108-1	1.16	0.88	0.79	0.94	20.56	ppb
Calcium	43-1	464.74	456.91	432.33	451.33	3.75	ppb
Calcium	44-1	455.90	444.12	443.48	447.83	1.56	ppb
Chromium	52-2	2.00	1.89	1.97	1.96	2.84	ppb
Cobalt	59-2	0.96	0.92	0.97	0.95	2.72	ppb
Copper	63-2	1.98	1.74	1.86	1.86	6.62	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				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	49.76	45.36	48.19	47.77	4.66	ppb
Iron	57-2	49.23	47.25	47.94	48.14	2.09	ppb
Lead	206-1	0.94	0.98	0.93	0.95	2.73	ppb
Lead	207-1	0.94	0.86	0.92	0.91	4.83	ppb
Lead	208-1	0.93	0.93	0.94	0.94	0.45	ppb
Lithium	6-1				99		%
Magnesium	24-2	485.64	460.09	488.21	477.98	3.25	ppb
Manganese	55-2	0.92	0.86	0.97	0.92	5.90	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 11:56:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.52	4.66	4.29	4.49	4.13	ppb
Molybdenum	95-1	4.51	4.36	4.59	4.49	2.61	ppb
Molybdenum	96-1	4.48	4.46	4.52	4.49	0.65	ppb
Molybdenum	97-1	4.59	4.54	4.51	4.55	0.93	ppb
Molybdenum	98-1	4.60	4.68	4.74	4.67	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.93	1.01	0.99	5.98	ppb
Phosphorus	31-2	16.61	0.27	5.35	7.41	112.82	ppb
Potassium	39-2	469.43	435.43	465.32	456.73	4.06	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	6.71	3.30	5.26	5.09	33.57	ppb
Selenium	78-2	3.30	4.34	4.00	3.88	13.71	ppb
Selenium	82-1	5.56	4.96	4.73	5.08	8.44	ppb
Silicon	28-1	13.64	12.29	11.62	12.52	8.23	ppb
Silver	109-1	0.99	0.95	0.98	0.97	2.02	ppb
Silver	107-1	0.95	0.99	1.00	0.98	3.02	ppb
Sodium	23-2	487.34	452.56	481.84	473.92	3.94	ppb
Strontium	86-1	0.92	1.00	0.89	0.94	5.89	ppb
Strontium	88-1	0.94	0.95	0.93	0.94	1.07	ppb
Sulfur	34-1	98.20	-66.85	-30.12	0.41	21084.93	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.94	0.91	0.92	0.92	1.25	ppb
Thallium	205-1	0.94	0.94	0.90	0.92	2.63	ppb
Tin	118-1	4.76	4.80	4.58	4.71	2.44	ppb
Titanium	47-1	4.35	4.57	4.55	4.49	2.73	ppb
Uranium	238-1	0.88	0.86	0.85	0.86	1.86	ppb
Vanadium	51-2	4.70	4.22	4.46	4.46	5.37	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	2.26	1.87	2.23	2.12	10.42	ppb
Zirconium	90-1	0.90	0.88	0.88	0.88	1.14	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 11:56:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.87	0.78	0.84	0.83	5.28	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:00:03	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1043.57	1101.50	998.46	1047.84	4.93	ppb
Antimony	121-1	50.32	50.76	50.99	50.69	0.66	ppb
Arsenic	75-2	52.62	55.60	50.31	52.84	5.03	ppb
Barium	135-1	253.35	253.38	256.44	254.39	0.70	ppb
Barium	137-1	256.08	254.88	256.33	255.76	0.30	ppb
Beryllium	9-1	52.27	52.99	51.69	52.32	1.25	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	45.82	49.29	50.27	48.46	4.83	ppb
Boron	11-1	46.76	48.87	50.70	48.78	4.04	ppb
Cadmium	111-1	53.81	53.21	53.69	53.57	0.60	ppb
Cadmium	106-1	50.44	51.39	50.24	50.69	1.22	ppb
Cadmium	108-1	52.91	53.20	53.11	53.07	0.27	ppb
Calcium	43-1	4940.27	5086.23	5063.84	5030.11	1.56	ppb
Calcium	44-1	4998.18	5035.88	5033.33	5022.46	0.42	ppb
Chromium	52-2	52.58	55.50	50.72	52.93	4.56	ppb
Cobalt	59-2	52.84	56.47	51.30	53.54	4.96	ppb
Copper	63-2	109.03	114.78	104.38	109.40	4.76	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				100		%
Indium	115-2				97		%
Iron	56-2	2737.53	2882.48	2635.20	2751.74	4.52	ppb
Iron	57-2	2735.00	2876.65	2672.48	2761.38	3.79	ppb
Lead	206-1	50.18	50.14	50.63	50.31	0.54	ppb
Lead	207-1	49.44	49.94	49.91	49.76	0.57	ppb
Lead	208-1	49.96	49.95	50.17	50.03	0.24	ppb
Lithium	6-1				99		%
Magnesium	24-2	5457.52	5785.73	5261.60	5501.62	4.81	ppb
Manganese	55-2	104.82	109.95	100.14	104.97	4.67	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:00:03	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.60	250.87	252.02	251.16	0.30	ppb
Molybdenum	95-1	253.94	255.21	255.16	254.77	0.28	ppb
Molybdenum	96-1	252.13	254.52	253.76	253.47	0.48	ppb
Molybdenum	97-1	252.46	253.42	252.74	252.88	0.20	ppb
Molybdenum	98-1	251.91	253.05	254.84	253.27	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.63	58.78	51.74	55.05	6.42	ppb
Phosphorus	31-2	1065.39	1148.37	1013.76	1075.84	6.31	ppb
Potassium	39-2	2645.94	2815.26	2510.57	2657.26	5.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	59.20	59.99	53.09	57.43	6.58	ppb
Selenium	78-2	52.48	54.14	48.68	51.77	5.40	ppb
Selenium	82-1	53.58	53.05	52.68	53.10	0.85	ppb
Silicon	28-1	58.05	59.75	60.66	59.49	2.23	ppb
Silver	109-1	53.29	53.15	53.60	53.35	0.42	ppb
Silver	107-1	53.10	52.96	52.85	52.97	0.24	ppb
Sodium	23-2	5430.76	5764.12	5235.26	5476.71	4.88	ppb
Strontium	86-1	50.31	51.30	50.78	50.80	0.97	ppb
Strontium	88-1	50.90	51.58	51.30	51.26	0.66	ppb
Sulfur	34-1	1117.19	1081.76	1079.04	1092.66	1.95	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	49.66	50.20	50.83	50.23	1.17	ppb
Thallium	205-1	49.59	49.92	50.30	49.94	0.71	ppb
Tin	118-1	51.27	51.47	51.68	51.47	0.39	ppb
Titanium	47-1	254.59	254.22	255.41	254.74	0.24	ppb
Uranium	238-1	48.36	48.37	48.67	48.47	0.36	ppb
Vanadium	51-2	51.89	55.24	50.25	52.46	4.85	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	109.04	116.38	104.58	110.00	5.42	ppb
Zirconium	90-1	49.70	49.96	49.98	49.88	0.31	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:00:03	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.54	50.02	51.02	50.19	1.50	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:04:07	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2549.07	2514.16	2531.79	2531.67	0.69	ppb
Antimony	121-1	126.83	128.16	127.87	127.62	0.55	ppb
Arsenic	75-2	126.54	126.57	126.42	126.51	0.06	ppb
Barium	135-1	641.13	635.70	643.21	640.01	0.61	ppb
Barium	137-1	646.37	641.89	642.59	643.61	0.37	ppb
Beryllium	9-1	129.27	129.77	130.90	129.98	0.64	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	126.66	124.63	124.73	125.34	0.91	ppb
Boron	11-1	122.15	125.56	126.24	124.65	1.76	ppb
Cadmium	111-1	133.53	132.58	132.18	132.76	0.52	ppb
Cadmium	106-1	133.31	132.99	135.02	133.77	0.81	ppb
Cadmium	108-1	136.87	133.20	133.70	134.59	1.48	ppb
Calcium	43-1	12720.47	12635.19	12593.64	12649.77	0.51	ppb
Calcium	44-1	12578.49	12601.48	12599.12	12593.03	0.10	ppb
Chromium	52-2	126.81	127.70	127.31	127.27	0.35	ppb
Cobalt	59-2	127.94	127.95	128.78	128.22	0.38	ppb
Copper	63-2	259.79	259.92	262.10	260.60	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	6639.94	6633.11	6691.28	6654.78	0.48	ppb
Iron	57-2	6630.98	6622.12	6734.55	6662.55	0.94	ppb
Lead	206-1	126.02	126.02	127.37	126.47	0.62	ppb
Lead	207-1	124.30	125.07	125.54	124.97	0.50	ppb
Lead	208-1	125.59	125.85	126.66	126.03	0.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	13065.10	13026.27	13148.54	13079.97	0.48	ppb
Manganese	55-2	252.79	252.70	255.09	253.52	0.54	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:04:07	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	634.84	633.49	635.33	634.55	0.15	ppb
Molybdenum	95-1	640.63	639.22	642.85	640.90	0.29	ppb
Molybdenum	96-1	637.96	636.64	641.36	638.66	0.38	ppb
Molybdenum	97-1	629.23	633.04	636.28	632.85	0.56	ppb
Molybdenum	98-1	640.86	645.69	649.27	645.27	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.76	130.32	131.50	131.19	0.59	ppb
Phosphorus	31-2	2619.90	2529.30	2460.54	2536.58	3.15	ppb
Potassium	39-2	6354.83	6353.18	6397.64	6368.55	0.40	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	140.71	121.45	131.59	131.25	7.34	ppb
Selenium	78-2	130.07	129.66	133.57	131.10	1.64	ppb
Selenium	82-1	132.57	132.10	135.28	133.31	1.29	ppb
Silicon	28-1	154.29	157.59	160.62	157.50	2.01	ppb
Silver	109-1	131.86	131.27	132.30	131.81	0.39	ppb
Silver	107-1	131.79	132.27	130.75	131.60	0.59	ppb
Sodium	23-2	13020.41	12897.27	13069.80	12995.83	0.68	ppb
Strontium	86-1	128.09	128.05	128.97	128.37	0.41	ppb
Strontium	88-1	129.15	128.72	129.75	129.20	0.40	ppb
Sulfur	34-1	2561.22	2454.36	2477.02	2497.53	2.25	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	124.44	125.91	126.03	125.46	0.70	ppb
Thallium	205-1	126.12	125.87	127.19	126.40	0.56	ppb
Tin	118-1	128.58	128.32	128.75	128.55	0.17	ppb
Titanium	47-1	631.07	633.57	635.39	633.34	0.34	ppb
Uranium	238-1	123.63	123.48	124.15	123.75	0.28	ppb
Vanadium	51-2	126.26	125.47	124.93	125.55	0.53	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	260.50	261.53	266.29	262.77	1.17	ppb
Zirconium	90-1	127.05	127.30	126.86	127.07	0.17	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:04:07	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	125.98	126.63	126.29	126.30	0.26	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:07:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4974.32	4807.55	4979.35	4920.41	1.99	ppb
Antimony	121-1	248.78	260.21	256.64	255.21	2.29	ppb
Arsenic	75-2	252.02	249.74	255.64	252.47	1.18	ppb
Barium	135-1	1241.59	1296.08	1273.13	1270.27	2.15	ppb
Barium	137-1	1255.53	1302.75	1285.98	1281.42	1.87	ppb
Beryllium	9-1	253.94	260.07	256.15	256.72	1.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	250.19	257.66	258.51	255.45	1.79	ppb
Boron	11-1	245.74	258.36	258.60	254.23	2.89	ppb
Cadmium	111-1	256.56	265.39	260.29	260.75	1.70	ppb
Cadmium	106-1	257.65	261.90	257.61	259.05	0.95	ppb
Cadmium	108-1	253.71	260.96	256.15	256.94	1.44	ppb
Calcium	43-1	24540.61	25043.11	25212.83	24932.18	1.40	ppb
Calcium	44-1	24437.06	25387.87	25160.21	24995.05	1.99	ppb
Chromium	52-2	251.32	245.62	252.88	249.94	1.53	ppb
Cobalt	59-2	253.72	248.01	254.27	252.00	1.38	ppb
Copper	63-2	515.73	504.68	517.80	512.73	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	13167.66	12842.54	13169.70	13059.97	1.44	ppb
Iron	57-2	13232.01	12895.95	13210.17	13112.71	1.43	ppb
Lead	206-1	246.61	257.68	255.60	253.30	2.32	ppb
Lead	207-1	244.46	254.61	251.57	250.21	2.08	ppb
Lead	208-1	245.91	258.18	254.63	252.91	2.50	ppb
Lithium	6-1				94		%
Magnesium	24-2	25618.73	24794.55	25637.15	25350.14	1.90	ppb
Manganese	55-2	504.77	491.22	503.73	499.91	1.51	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:07:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1250.74	1300.09	1274.80	1275.21	1.94	ppb
Molybdenum	95-1	1236.49	1278.15	1261.57	1258.73	1.67	ppb
Molybdenum	96-1	1230.52	1283.94	1262.83	1259.10	2.14	ppb
Molybdenum	97-1	1242.03	1284.45	1262.63	1263.04	1.68	ppb
Molybdenum	98-1	1232.87	1286.46	1256.97	1258.77	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.45	250.83	261.29	256.86	2.11	ppb
Phosphorus	31-2	5056.62	5039.45	4982.54	5026.20	0.77	ppb
Potassium	39-2	12702.60	12371.60	12682.50	12585.57	1.47	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	252.83	243.02	262.43	252.76	3.84	ppb
Selenium	78-2	251.98	245.57	249.72	249.09	1.30	ppb
Selenium	82-1	256.39	262.22	261.77	260.13	1.25	ppb
Silicon	28-1	308.62	328.85	331.93	323.13	3.92	ppb
Silver	109-1	253.60	264.12	257.70	258.47	2.05	ppb
Silver	107-1	252.27	261.20	258.79	257.42	1.80	ppb
Sodium	23-2	25732.38	24984.14	25589.68	25435.40	1.56	ppb
Strontium	86-1	247.89	258.07	253.91	253.29	2.02	ppb
Strontium	88-1	248.63	258.77	253.61	253.67	2.00	ppb
Sulfur	34-1	4379.84	4841.23	4749.26	4656.77	5.24	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	246.46	255.24	253.93	251.88	1.88	ppb
Thallium	205-1	248.77	260.40	258.14	255.77	2.41	ppb
Tin	118-1	249.34	259.10	255.22	254.56	1.93	ppb
Titanium	47-1	1225.72	1279.32	1273.68	1259.57	2.34	ppb
Uranium	238-1	239.44	252.36	248.62	246.81	2.69	ppb
Vanadium	51-2	249.24	244.79	251.08	248.37	1.30	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	520.52	506.50	519.62	515.55	1.52	ppb
Zirconium	90-1	249.10	258.30	256.99	254.79	1.95	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:07:53	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	248.70	255.91	254.14	252.92	1.48	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:11:37	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9612.23	10183.18	9772.02	9855.81	2.99	ppb
Antimony	121-1	517.91	510.85	515.77	514.84	0.70	ppb
Arsenic	75-2	495.92	522.01	502.22	506.72	2.69	ppb
Barium	135-1	2612.66	2547.32	2574.39	2578.12	1.27	ppb
Barium	137-1	2578.56	2538.13	2545.70	2554.13	0.84	ppb
Beryllium	9-1	517.53	513.76	517.29	516.20	0.41	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	498.24	505.60	520.84	508.23	2.27	ppb
Boron	11-1	504.52	498.54	517.25	506.77	1.89	ppb
Cadmium	111-1	522.32	514.61	519.77	518.90	0.76	ppb
Cadmium	106-1	526.13	517.20	523.16	522.17	0.87	ppb
Cadmium	108-1	519.90	513.36	521.91	518.39	0.86	ppb
Calcium	43-1	50590.92	49147.95	50303.67	50014.18	1.53	ppb
Calcium	44-1	50625.18	49384.42	50498.46	50169.35	1.36	ppb
Chromium	52-2	489.40	517.29	503.33	503.34	2.77	ppb
Cobalt	59-2	491.41	520.41	500.51	504.11	2.94	ppb
Copper	63-2	998.75	1057.37	1022.08	1026.07	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	25737.80	26950.66	25994.30	26227.58	2.44	ppb
Iron	57-2	25570.46	27202.03	26220.75	26331.08	3.12	ppb
Lead	206-1	512.47	499.64	511.65	507.92	1.41	ppb
Lead	207-1	508.82	500.37	503.56	504.25	0.85	ppb
Lead	208-1	511.44	500.89	509.11	507.15	1.09	ppb
Lithium	6-1				93		%
Magnesium	24-2	49320.37	52127.50	50572.94	50673.60	2.78	ppb
Manganese	55-2	983.69	1037.17	997.23	1006.03	2.76	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:11:37	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2573.24	2522.89	2544.17	2546.76	0.99	ppb
Molybdenum	95-1	2571.16	2513.09	2547.11	2543.79	1.15	ppb
Molybdenum	96-1	2563.72	2522.97	2551.59	2546.09	0.82	ppb
Molybdenum	97-1	2570.76	2527.92	2549.03	2549.24	0.84	ppb
Molybdenum	98-1	2573.02	2529.24	2558.76	2553.67	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.91	525.01	504.19	508.37	2.95	ppb
Phosphorus	31-2	9862.84	10478.02	9874.93	10071.93	3.49	ppb
Potassium	39-2	24707.07	25886.71	24887.44	25160.41	2.53	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	504.64	518.26	503.00	508.63	1.65	ppb
Selenium	78-2	500.42	521.29	493.34	505.02	2.88	ppb
Selenium	82-1	522.20	510.96	517.78	516.98	1.10	ppb
Silicon	28-1	664.33	659.86	681.87	668.69	1.74	ppb
Silver	109-1	521.54	512.21	519.49	517.75	0.95	ppb
Silver	107-1	519.16	514.74	519.60	517.83	0.52	ppb
Sodium	23-2	49612.01	52166.52	50531.61	50770.05	2.55	ppb
Strontium	86-1	509.71	502.27	512.49	508.16	1.04	ppb
Strontium	88-1	512.04	505.18	510.05	509.09	0.69	ppb
Sulfur	34-1	9992.22	9495.61	9935.26	9807.70	2.77	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	515.59	506.09	510.71	510.80	0.93	ppb
Thallium	205-1	511.37	497.04	506.62	505.01	1.45	ppb
Tin	118-1	515.97	505.55	512.11	511.21	1.03	ppb
Titanium	47-1	2550.66	2520.53	2559.05	2543.41	0.80	ppb
Uranium	238-1	508.33	497.31	502.27	502.64	1.10	ppb
Vanadium	51-2	489.11	517.67	496.78	501.19	2.95	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1004.97	1056.27	1013.51	1024.92	2.68	ppb
Zirconium	90-1	513.99	501.13	510.27	508.46	1.30	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:11:37	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	512.04	503.82	508.61	508.15	0.81	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:15:18	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19843.04	19361.37	19453.29	19552.57	1.31	ppb
Antimony	121-1	1015.15	978.61	978.98	990.92	2.12	ppb
Arsenic	75-2	1002.67	985.47	998.94	995.69	0.91	ppb
Barium	135-1	5067.13	4885.70	4908.50	4953.78	1.99	ppb
Barium	137-1	5059.47	4905.56	4922.36	4962.46	1.70	ppb
Beryllium	9-1	1005.82	986.73	975.91	989.48	1.53	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	993.88	991.61	998.44	994.64	0.35	ppb
Boron	11-1	987.72	994.72	1004.76	995.73	0.86	ppb
Cadmium	111-1	1006.06	974.42	979.66	986.71	1.72	ppb
Cadmium	106-1	1002.04	974.29	980.24	985.52	1.48	ppb
Cadmium	108-1	1016.42	970.80	975.93	987.72	2.53	ppb
Calcium	43-1	100823.20	96355.08	95757.61	97645.30	2.84	ppb
Calcium	44-1	100722.79	96596.36	95663.77	97660.97	2.76	ppb
Chromium	52-2	1008.25	994.99	990.50	997.91	0.92	ppb
Cobalt	59-2	1008.82	987.50	994.28	996.86	1.09	ppb
Copper	63-2	2016.54	1962.12	1967.30	1981.99	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	52569.96	51379.35	51613.28	51854.20	1.22	ppb
Iron	57-2	52987.41	51729.30	52156.17	52290.96	1.22	ppb
Lead	206-1	1024.74	981.17	979.15	995.02	2.59	ppb
Lead	207-1	1021.62	989.35	982.55	997.84	2.09	ppb
Lead	208-1	1023.17	984.47	979.07	995.57	2.42	ppb
Lithium	6-1				94		%
Magnesium	24-2	101942.81	99713.65	99514.75	100390.40	1.34	ppb
Manganese	55-2	2015.27	1995.00	1978.69	1996.32	0.92	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:15:18	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5060.80	4915.43	4930.96	4969.06	1.61	ppb
Molybdenum	95-1	5060.05	4925.77	4935.28	4973.70	1.51	ppb
Molybdenum	96-1	5062.89	4923.44	4932.07	4972.80	1.57	ppb
Molybdenum	97-1	5051.58	4934.04	4927.38	4971.00	1.41	ppb
Molybdenum	98-1	5069.52	4914.85	4920.46	4968.27	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1003.84	985.10	990.28	993.07	0.97	ppb
Phosphorus	31-2	20322.71	19577.38	19947.27	19949.12	1.87	ppb
Potassium	39-2	50589.74	49624.18	49596.11	49936.68	1.13	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	992.67	964.33	1024.52	993.84	3.03	ppb
Selenium	78-2	1004.48	986.75	999.39	996.87	0.92	ppb
Selenium	82-1	1004.91	976.55	981.88	987.78	1.53	ppb
Silicon	28-1	915.01	883.93	879.50	892.81	2.17	ppb
Silver	109-1	1007.25	977.84	978.88	987.99	1.69	ppb
Silver	107-1	1009.14	978.22	977.40	988.25	1.83	ppb
Sodium	23-2	103099.62	100236.12	100287.42	101207.72	1.62	ppb
Strontium	86-1	1010.07	983.27	990.57	994.64	1.39	ppb
Strontium	88-1	1013.48	982.54	985.82	993.95	1.71	ppb
Sulfur	34-1	20937.87	19774.38	19820.65	20177.63	3.26	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	1017.83	983.32	981.05	994.06	2.07	ppb
Thallium	205-1	1020.62	986.04	980.98	995.88	2.17	ppb
Tin	118-1	1018.24	975.34	984.64	992.74	2.27	ppb
Titanium	47-1	5110.74	4936.22	4876.89	4974.62	2.44	ppb
Uranium	238-1	1025.38	985.38	988.38	999.71	2.23	ppb
Vanadium	51-2	1012.70	995.21	990.96	999.62	1.15	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	2005.02	1971.56	1968.09	1981.56	1.03	ppb
Zirconium	90-1	1010.99	985.02	986.95	994.32	1.46	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:15:18	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1016.22	983.21	985.63	995.02	1.85	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:18:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100182.62	99456.42	100680.81	100106.62	0.62	ppb
Antimony	121-1	2.76	2.65	2.57	2.66	3.54	ppb
Arsenic	75-2	0.43	0.50	0.51	0.48	8.64	ppb
Barium	135-1	1.33	1.38	1.32	1.34	2.47	ppb
Barium	137-1	1.37	1.24	1.35	1.32	5.30	ppb
Beryllium	9-1	0.26	0.31	0.27	0.28	9.54	ppb
Bismuth	209-1				85		%
Bismuth	209-2				81		%
Boron	10-1	46.49	39.74	40.04	42.09	9.06	ppb
Boron	11-1	44.38	40.00	36.89	40.42	9.30	ppb
Cadmium	111-1	0.08	0.12	0.06	0.08	35.16	ppb
Cadmium	106-1	-0.65	0.18	-0.55	-0.34		ppb
Cadmium	108-1	0.09	0.18	0.23	0.17	43.07	ppb
Calcium	43-1	502667.86	499080.12	499658.77	500468.92	0.38	ppb
Calcium	44-1	503503.04	498894.29	498948.53	500448.62	0.53	ppb
Chromium	52-2	13.33	13.23	13.60	13.38	1.43	ppb
Cobalt	59-2	1.20	1.14	1.14	1.16	2.75	ppb
Copper	63-2	2.14	2.17	2.10	2.14	1.62	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				95		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	249663.54	248133.82	250599.94	249465.77	0.50	ppb
Iron	57-2	249637.50	248419.17	250038.74	249365.14	0.34	ppb
Lead	206-1	2.06	1.99	1.96	2.00	2.60	ppb
Lead	207-1	1.85	1.77	1.81	1.81	2.31	ppb
Lead	208-1	1.96	1.87	1.92	1.91	2.30	ppb
Lithium	6-1				90		%
Magnesium	24-2	502152.64	497023.71	500276.32	499817.56	0.52	ppb
Manganese	55-2	5.48	5.30	5.56	5.45	2.45	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:18:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.52	3.27	3.21	3.33	4.82	ppb
Molybdenum	95-1	4.19	4.08	4.03	4.10	1.98	ppb
Molybdenum	96-1	5.35	4.95	4.83	5.04	5.36	ppb
Molybdenum	97-1	4.53	4.10	3.91	4.18	7.65	ppb
Molybdenum	98-1	4.24	4.11	4.05	4.13	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.65	8.29	8.57	8.50	2.25	ppb
Phosphorus	31-2	-0.95	14.77	12.61	8.81	96.77	ppb
Potassium	39-2	251172.21	248388.81	250402.66	249987.90	0.57	ppb
Rhodium	103-1				85		%
Rhodium	103-2				81		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	-0.15	0.85	0.80	0.50	113.33	ppb
Selenium	78-2	-0.32	-1.15	-1.27	-0.91		ppb
Selenium	82-1	1.76	1.94	1.04	1.58	30.18	ppb
Silicon	28-1	23.07	23.27	27.22	24.52	9.55	ppb
Silver	109-1	0.05	0.06	0.07	0.06	14.84	ppb
Silver	107-1	0.08	0.05	0.06	0.06	24.35	ppb
Sodium	23-2	499702.80	497579.91	501644.93	499642.54	0.41	ppb
Strontium	86-1	32.24	32.80	32.37	32.47	0.91	ppb
Strontium	88-1	33.14	32.77	32.69	32.87	0.73	ppb
Sulfur	34-1	-638.79	-441.25	-397.92	-492.66		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.60	0.54	0.54	0.56	5.40	ppb
Thallium	205-1	0.64	0.59	0.55	0.59	7.89	ppb
Tin	118-1	1.31	1.26	1.17	1.24	5.68	ppb
Titanium	47-1	0.95	0.73	0.96	0.88	15.00	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	3.63	ppb
Vanadium	51-2	0.16	0.18	0.21	0.18	14.69	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	5.56	5.29	5.66	5.50	3.44	ppb
Zirconium	90-1	0.25	0.24	0.21	0.23	9.93	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:18:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.23	0.19	0.23	18.21	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:43:53	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	526.14	517.84	492.47	512.15	3.43	ppb
Antimony	121-1	189.33	192.48	193.35	191.72	1.10	ppb
Arsenic	75-2	197.06	197.84	192.34	195.75	1.52	ppb
Barium	135-1	96.07	99.40	100.76	98.74	2.44	ppb
Barium	137-1	97.53	98.15	99.88	98.52	1.23	ppb
Beryllium	9-1	96.90	98.28	97.85	97.68	0.72	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	541.48	549.12	562.62	551.07	1.94	ppb
Boron	11-1	537.42	540.65	550.85	542.97	1.29	ppb
Cadmium	111-1	103.03	104.46	105.76	104.42	1.31	ppb
Cadmium	106-1	177.02	165.76	171.00	171.26	3.29	ppb
Cadmium	108-1	137.31	136.79	141.11	138.40	1.71	ppb
Calcium	43-1	2168.05	2175.31	2213.37	2185.57	1.11	ppb
Calcium	44-1	2037.29	2066.64	2049.47	2051.14	0.72	ppb
Chromium	52-2	96.71	95.48	94.54	95.58	1.14	ppb
Cobalt	59-2	100.11	98.75	96.67	98.51	1.76	ppb
Copper	63-2	101.41	99.74	99.38	100.17	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	1034.81	1017.95	1006.24	1019.67	1.41	ppb
Iron	57-2	1055.96	1020.45	1025.76	1034.06	1.85	ppb
Lead	206-1	196.47	195.77	197.52	196.58	0.45	ppb
Lead	207-1	186.78	187.72	188.76	187.75	0.53	ppb
Lead	208-1	192.24	193.10	193.85	193.06	0.42	ppb
Lithium	6-1				100		%
Magnesium	24-2	1229.62	1216.82	1199.92	1215.46	1.23	ppb
Manganese	55-2	98.38	96.41	95.20	96.66	1.66	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:43:53	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1146.34	1160.22	1151.47	1152.68	0.61	ppb
Molybdenum	95-1	499.30	504.00	500.27	501.19	0.50	ppb
Molybdenum	96-1	574.72	583.41	575.61	577.92	0.83	ppb
Molybdenum	97-1	497.20	500.28	494.71	497.40	0.56	ppb
Molybdenum	98-1	501.16	508.95	503.02	504.38	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.87	101.87	100.79	101.51	0.62	ppb
Phosphorus	31-2	-0.30	4.90	14.06	6.22	116.94	ppb
Potassium	39-2	1969.07	1958.24	1932.88	1953.40	0.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	193.17	205.21	207.60	202.00	3.83	ppb
Selenium	78-2	198.23	203.67	197.55	199.82	1.68	ppb
Selenium	82-1	205.54	206.33	202.06	204.64	1.11	ppb
Silicon	28-1	462.46	470.50	466.64	466.53	0.86	ppb
Silver	109-1	99.27	99.53	100.46	99.75	0.63	ppb
Silver	107-1	99.35	99.94	101.46	100.25	1.08	ppb
Sodium	23-2	2039.54	2001.26	1978.18	2006.33	1.54	ppb
Strontium	86-1	499.33	499.53	501.35	500.07	0.22	ppb
Strontium	88-1	501.58	509.74	504.31	505.21	0.82	ppb
Sulfur	34-1	-445.41	-428.45	-388.78	-420.88		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	195.82	196.11	198.37	196.76	0.71	ppb
Thallium	205-1	196.19	199.97	199.91	198.69	1.09	ppb
Tin	118-1	502.41	503.92	509.58	505.30	0.75	ppb
Titanium	47-1	501.45	507.53	500.40	503.13	0.76	ppb
Uranium	238-1	573.40	580.55	577.87	577.28	0.63	ppb
Vanadium	51-2	96.76	94.17	94.92	95.28	1.40	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	206.21	201.83	201.85	203.30	1.24	ppb
Zirconium	90-1	517.64	525.81	518.77	520.74	0.85	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:43:53	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.35	522.37	514.78	516.84	0.94	ppb

LB Number : LB93008 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 12:49:01 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	0.37	-0.20	0.13	231.19	ppb
Antimony	121-1	0.41	0.39	0.38	0.39	3.00	ppb
Arsenic	75-2	0.04	0.02	0.05	0.04	35.18	ppb
Barium	135-1	0.01	0.00	0.00	0.00	353.94	ppb
Barium	137-1	0.01	0.01	0.01	0.01	35.15	ppb
Beryllium	9-1	0.05	0.06	0.06	0.06	15.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	6.36	4.81	5.43	5.53	14.04	ppb
Boron	11-1	5.47	5.56	5.58	5.53	1.09	ppb
Cadmium	111-1	-0.10	-0.01	-0.11	-0.07		ppb
Cadmium	106-1	-1.47	-0.10	-1.42	-0.99		ppb
Cadmium	108-1	-0.06	0.03	-0.03	-0.02		ppb
Calcium	43-1	1.99	-0.46	-2.40	-0.29		ppb
Calcium	44-1	0.68	-0.32	-1.59	-0.41		ppb
Chromium	52-2	0.01	0.01	0.03	0.02	54.35	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	476.57	ppb
Copper	63-2	-0.31	-0.26	-0.33	-0.30		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				101		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	0.57	0.58	0.45	0.53	13.58	ppb
Iron	57-2	0.34	-0.64	0.37	0.02	2612.50	ppb
Lead	206-1	0.02	0.02	0.02	0.02	20.98	ppb
Lead	207-1	0.03	0.03	0.02	0.03	9.27	ppb
Lead	208-1	0.02	0.02	0.02	0.02	18.00	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.39	0.58	0.55	0.51	20.30	ppb
Manganese	55-2	-0.01	0.02	-0.01	0.00		ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:49:01	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.26	0.22	0.23	8.61	ppb
Molybdenum	95-1	0.18	0.20	0.18	0.19	7.40	ppb
Molybdenum	96-1	0.18	0.20	0.14	0.17	17.55	ppb
Molybdenum	97-1	0.21	0.14	0.13	0.16	25.26	ppb
Molybdenum	98-1	0.18	0.17	0.17	0.18	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00		ppb
Phosphorus	31-2	11.32	6.70	-21.20	-1.06		ppb
Potassium	39-2	0.88	6.91	-1.19	2.20	191.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	-0.15	-0.15	0.28	-0.01		ppb
Selenium	78-2	-1.19	-1.80	-1.34	-1.44		ppb
Selenium	82-1	0.28	0.67	0.05	0.33	95.16	ppb
Silicon	28-1	-6.37	-7.19	-7.33	-6.96		ppb
Silver	109-1	0.00	0.00	0.01	0.00	29.13	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.75	ppb
Sodium	23-2	28.36	29.62	27.98	28.65	3.00	ppb
Strontium	86-1	-0.02	0.02	0.04	0.01	259.12	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	13.09	ppb
Sulfur	34-1	-521.31	-339.15	-446.93	-435.80		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.03	0.03	5.62	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	10.02	ppb
Tin	118-1	0.24	0.23	0.21	0.23	6.79	ppb
Titanium	47-1	0.13	0.08	0.08	0.10	30.06	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.17	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	0.06	0.06	0.08	0.06	19.26	ppb
Zirconium	90-1	0.09	0.09	0.07	0.08	17.37	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:49:01	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.11	0.09	0.09	14.49	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:52:34	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89257.22	97354.95	93808.76	93473.65	4.34	ppb
Antimony	121-1	1.32	1.31	1.29	1.30	1.30	ppb
Arsenic	75-2	0.28	0.25	0.37	0.30	21.30	ppb
Barium	135-1	1.55	1.55	1.56	1.55	0.37	ppb
Barium	137-1	1.50	1.45	1.35	1.43	5.39	ppb
Beryllium	9-1	0.31	0.29	0.32	0.31	5.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				90		%
Boron	10-1	6.15	5.65	7.40	6.40	14.07	ppb
Boron	11-1	5.96	5.77	5.89	5.87	1.68	ppb
Cadmium	111-1	0.32	0.31	0.34	0.32	4.61	ppb
Cadmium	106-1	-1.00	-1.23	-1.05	-1.09		ppb
Cadmium	108-1	10.84	10.27	9.87	10.33	4.73	ppb
Calcium	43-1	98561.17	97279.00	97132.35	97657.50	0.80	ppb
Calcium	44-1	98259.58	97965.10	97410.42	97878.37	0.44	ppb
Chromium	52-2	18.66	20.33	19.78	19.59	4.35	ppb
Cobalt	59-2	1.11	1.23	1.19	1.18	5.43	ppb
Copper	63-2	7.27	8.09	7.46	7.61	5.63	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				98		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	99294.96	107980.45	103869.29	103714.90	4.19	ppb
Iron	57-2	99823.42	107434.55	103956.10	103738.02	3.67	ppb
Lead	206-1	5.03	5.02	4.97	5.01	0.59	ppb
Lead	207-1	4.43	4.34	4.17	4.31	3.11	ppb
Lead	208-1	4.60	4.64	4.51	4.58	1.43	ppb
Lithium	6-1				97		%
Magnesium	24-2	96381.76	105184.43	101574.90	101047.03	4.38	ppb
Manganese	55-2	7.75	8.18	7.69	7.87	3.35	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:52:34	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1354.77	1346.66	1335.61	1345.68	0.71	ppb
Molybdenum	95-1	1952.93	1943.84	1938.12	1944.96	0.38	ppb
Molybdenum	96-1	1867.19	1861.84	1857.40	1862.15	0.26	ppb
Molybdenum	97-1	1944.81	1945.39	1924.63	1938.28	0.61	ppb
Molybdenum	98-1	1956.93	1942.12	1934.46	1944.50	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.19	5.64	5.50	5.44	4.18	ppb
Phosphorus	31-2	93855.18	102768.13	99149.60	98590.97	4.55	ppb
Potassium	39-2	95078.83	103521.54	99942.91	99514.43	4.26	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	77-2	-0.15	-0.15	0.30	0.00		ppb
Selenium	78-2	-2.13	-0.57	-0.74	-1.15		ppb
Selenium	82-1	0.60	0.33	0.37	0.43	33.29	ppb
Silicon	28-1	16.07	14.63	14.69	15.13	5.38	ppb
Silver	109-1	0.05	0.06	0.07	0.06	23.41	ppb
Silver	107-1	0.05	0.05	0.05	0.05	3.76	ppb
Sodium	23-2	97631.55	105557.92	102189.06	101792.85	3.91	ppb
Strontium	86-1	33.58	33.24	33.45	33.42	0.52	ppb
Strontium	88-1	33.92	33.26	33.08	33.42	1.33	ppb
Sulfur	34-1	112606.99	110260.88	109582.37	110816.75	1.43	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.17	0.13	0.11	0.14	21.39	ppb
Thallium	205-1	0.16	0.13	0.12	0.14	15.50	ppb
Tin	118-1	0.23	0.22	0.19	0.21	10.23	ppb
Titanium	47-1	1987.32	1964.14	1976.31	1975.92	0.59	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.32	ppb
Vanadium	51-2	0.14	0.16	0.16	0.15	9.29	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	10.47	11.63	11.29	11.13	5.37	ppb
Zirconium	90-1	0.45	0.37	0.28	0.37	22.43	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:52:34	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.49	0.41	0.36	0.42	15.38	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:56:07	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91509.43	90233.72	91127.24	90956.79	0.72	ppb
Antimony	121-1	20.08	19.75	19.85	19.90	0.86	ppb
Arsenic	75-2	19.43	18.82	18.66	18.97	2.15	ppb
Barium	135-1	20.84	20.81	20.20	20.62	1.73	ppb
Barium	137-1	21.06	20.55	20.54	20.72	1.43	ppb
Beryllium	9-1	19.57	19.36	19.34	19.42	0.65	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	59.57	64.99	60.96	61.84	4.55	ppb
Boron	11-1	62.74	63.78	64.38	63.63	1.30	ppb
Cadmium	111-1	19.48	19.06	19.38	19.31	1.16	ppb
Cadmium	106-1	22.55	23.59	22.12	22.75	3.33	ppb
Cadmium	108-1	33.37	33.35	30.79	32.50	4.57	ppb
Calcium	43-1	98988.55	98811.43	98495.86	98765.28	0.25	ppb
Calcium	44-1	100351.96	99714.12	99423.17	99829.75	0.48	ppb
Chromium	52-2	37.90	37.90	38.35	38.05	0.69	ppb
Cobalt	59-2	20.05	19.66	20.02	19.91	1.10	ppb
Copper	63-2	26.91	26.22	26.53	26.55	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	102371.00	101007.29	102243.93	101874.07	0.74	ppb
Iron	57-2	102257.00	101599.91	102365.85	102074.26	0.41	ppb
Lead	206-1	25.16	24.92	24.56	24.88	1.22	ppb
Lead	207-1	22.79	22.82	22.10	22.57	1.81	ppb
Lead	208-1	23.54	23.60	23.20	23.45	0.92	ppb
Lithium	6-1				93		%
Magnesium	24-2	99867.30	97980.76	98988.50	98945.52	0.95	ppb
Manganese	55-2	26.67	26.15	26.32	26.38	1.00	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:56:07	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1467.30	1463.28	1451.37	1460.65	0.57	ppb
Molybdenum	95-1	2014.73	2002.04	1983.49	2000.09	0.79	ppb
Molybdenum	96-1	1940.82	1928.62	1919.43	1929.62	0.56	ppb
Molybdenum	97-1	2014.22	2008.38	1982.45	2001.68	0.84	ppb
Molybdenum	98-1	2011.71	2008.13	1997.79	2005.88	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.30	24.06	24.19	24.18	0.50	ppb
Phosphorus	31-2	97511.72	95444.84	96963.32	96639.96	1.11	ppb
Potassium	39-2	98773.85	97517.76	98210.40	98167.34	0.64	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	18.51	19.57	21.80	19.96	8.44	ppb
Selenium	78-2	17.48	16.15	18.38	17.34	6.46	ppb
Selenium	82-1	20.56	20.16	19.94	20.22	1.57	ppb
Silicon	28-1	64.43	63.22	63.21	63.62	1.10	ppb
Silver	109-1	18.03	18.03	17.87	17.98	0.50	ppb
Silver	107-1	18.25	18.05	17.79	18.03	1.26	ppb
Sodium	23-2	100246.70	99183.29	99727.93	99719.30	0.53	ppb
Strontium	86-1	86.65	86.44	85.77	86.29	0.53	ppb
Strontium	88-1	87.56	86.84	86.39	86.93	0.68	ppb
Sulfur	34-1	110292.36	109982.75	109374.02	109883.04	0.43	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	19.90	20.18	19.62	19.90	1.41	ppb
Thallium	205-1	19.93	19.80	19.72	19.82	0.54	ppb
Tin	118-1	52.74	53.42	52.28	52.82	1.09	ppb
Titanium	47-1	2037.44	2040.73	2030.42	2036.20	0.26	ppb
Uranium	238-1	51.93	51.86	51.17	51.65	0.82	ppb
Vanadium	51-2	18.59	18.58	18.75	18.64	0.50	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	29.54	29.55	29.14	29.41	0.79	ppb
Zirconium	90-1	54.55	54.44	54.25	54.41	0.28	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:56:07	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	54.52	54.98	54.72	54.74	0.42	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:06:30	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50913.36	51433.25	51270.89	51205.84	0.52	ppb
Antimony	121-1	489.49	518.51	510.03	506.01	2.95	ppb
Arsenic	75-2	502.61	506.80	505.03	504.81	0.42	ppb
Barium	135-1	2484.30	2637.26	2576.52	2566.03	3.00	ppb
Barium	137-1	2492.96	2634.16	2573.51	2566.88	2.76	ppb
Beryllium	9-1	506.17	523.18	518.57	515.97	1.71	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	512.75	542.01	536.22	530.33	2.92	ppb
Boron	11-1	514.84	533.86	546.12	531.61	2.96	ppb
Cadmium	111-1	480.79	511.44	495.43	495.88	3.09	ppb
Cadmium	106-1	484.88	512.76	499.78	499.14	2.80	ppb
Cadmium	108-1	480.77	514.51	505.11	500.13	3.48	ppb
Calcium	43-1	241823.05	258463.04	252030.64	250772.24	3.35	ppb
Calcium	44-1	242649.13	258587.31	250898.33	250711.59	3.18	ppb
Chromium	52-2	504.16	510.18	507.83	507.39	0.60	ppb
Cobalt	59-2	486.32	491.47	492.72	490.17	0.69	ppb
Copper	63-2	961.49	967.15	969.98	966.21	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	127158.63	128892.13	128076.38	128042.38	0.68	ppb
Iron	57-2	127764.82	128172.86	128410.98	128116.22	0.26	ppb
Lead	206-1	506.66	537.85	522.64	522.38	2.99	ppb
Lead	207-1	500.86	532.99	519.31	517.72	3.11	ppb
Lead	208-1	506.40	536.63	521.91	521.64	2.90	ppb
Lithium	6-1				95		%
Magnesium	24-2	255838.85	258592.80	259306.37	257912.67	0.71	ppb
Manganese	55-2	992.23	1000.17	1003.78	998.73	0.59	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:06:30	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2497.95	2608.44	2563.43	2556.60	2.17	ppb
Molybdenum	95-1	2500.93	2609.28	2574.56	2561.59	2.16	ppb
Molybdenum	96-1	2490.03	2619.77	2561.68	2557.16	2.54	ppb
Molybdenum	97-1	2497.27	2608.00	2555.93	2553.74	2.17	ppb
Molybdenum	98-1	2510.84	2601.15	2570.28	2560.76	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.31	491.37	494.87	492.18	0.48	ppb
Phosphorus	31-2	10165.91	10278.09	10173.29	10205.76	0.61	ppb
Potassium	39-2	127303.19	128228.75	128116.44	127882.79	0.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	508.43	500.84	488.64	499.30	2.00	ppb
Selenium	78-2	481.64	492.32	494.81	489.59	1.43	ppb
Selenium	82-1	485.13	504.99	496.86	495.66	2.01	ppb
Silicon	28-1	549.51	601.86	596.69	582.69	4.95	ppb
Silver	109-1	479.54	503.40	492.96	491.96	2.43	ppb
Silver	107-1	476.72	506.41	494.51	492.55	3.03	ppb
Sodium	23-2	258855.80	261704.03	262340.26	260966.70	0.71	ppb
Strontium	86-1	508.84	531.75	520.07	520.22	2.20	ppb
Strontium	88-1	515.25	538.99	531.94	528.72	2.31	ppb
Sulfur	34-1	9662.19	10701.31	10294.35	10219.28	5.12	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	504.98	536.79	528.01	523.26	3.14	ppb
Thallium	205-1	506.30	540.01	527.21	524.51	3.24	ppb
Tin	118-1	492.89	522.63	508.00	507.84	2.93	ppb
Titanium	47-1	2460.00	2598.63	2552.78	2537.14	2.78	ppb
Uranium	238-1	508.99	542.57	524.22	525.26	3.20	ppb
Vanadium	51-2	500.92	508.13	506.76	505.27	0.76	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	957.12	965.38	966.94	963.15	0.55	ppb
Zirconium	90-1	503.89	526.56	519.08	516.51	2.24	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:06:30	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.15	521.93	509.12	510.07	2.24	ppb

LB Number : LB93008 Operator : Jaswal
 Lab Sample ID : CCB011 Instrumnet Name : P7
 Client Sample ID : CCB011 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 13:15:05 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.88	0.15	0.48	76.69	ppb
Antimony	121-1	0.39	0.43	0.48	0.44	10.14	ppb
Arsenic	75-2	0.04	0.02	0.01	0.02	69.47	ppb
Barium	135-1	0.01	0.00	0.01	0.01	28.54	ppb
Barium	137-1	0.00	-0.01	0.02	0.01	339.04	ppb
Beryllium	9-1	0.11	0.12	0.11	0.11	5.13	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	9.05	10.19	10.08	9.77	6.47	ppb
Boron	11-1	10.08	10.13	9.77	9.99	1.90	ppb
Cadmium	111-1	-0.20	-0.16	-0.13	-0.16		ppb
Cadmium	106-1	-2.71	-2.34	-1.96	-2.34		ppb
Cadmium	108-1	0.01	0.01	-0.11	-0.03		ppb
Calcium	43-1	0.89	-1.13	0.58	0.11	958.28	ppb
Calcium	44-1	-0.71	-1.05	-2.48	-1.41		ppb
Chromium	52-2	0.02	0.01	0.02	0.02	61.71	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	41.82	ppb
Copper	63-2	-0.30	-0.30	-0.35	-0.32		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	2.51	2.38	2.27	2.38	5.10	ppb
Iron	57-2	2.23	1.41	3.05	2.23	36.80	ppb
Lead	206-1	0.10	0.11	0.08	0.10	16.79	ppb
Lead	207-1	0.10	0.10	0.09	0.10	5.18	ppb
Lead	208-1	0.09	0.09	0.08	0.09	6.96	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.10	0.97	0.99	1.02	6.80	ppb
Manganese	55-2	0.02	0.01	0.01	0.01	56.88	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:15:05	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.41	0.33	0.32	0.35	14.19	ppb
Molybdenum	95-1	0.41	0.42	0.38	0.40	5.72	ppb
Molybdenum	96-1	0.38	0.34	0.35	0.36	5.95	ppb
Molybdenum	97-1	0.37	0.32	0.32	0.34	9.26	ppb
Molybdenum	98-1	0.40	0.34	0.34	0.36	9.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	341.84	ppb
Phosphorus	31-2	0.54	-15.95	-8.77	-8.06		ppb
Potassium	39-2	24.63	26.22	20.94	23.93	11.32	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	77-2	0.69	0.27	-0.15	0.27	156.33	ppb
Selenium	78-2	-0.62	-1.80	-1.39	-1.27		ppb
Selenium	82-1	0.49	-0.20	0.50	0.26	151.56	ppb
Silicon	28-1	-11.01	-10.59	-10.74	-10.78		ppb
Silver	109-1	0.02	0.03	0.02	0.02	22.14	ppb
Silver	107-1	0.03	0.03	0.02	0.03	19.77	ppb
Sodium	23-2	72.25	70.88	66.41	69.85	4.37	ppb
Strontium	86-1	0.00	0.04	0.00	0.01	187.06	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	434.44	ppb
Sulfur	34-1	-1304.04	-1393.69	-1405.89	-1367.87		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.08	0.10	0.10	0.09	8.07	ppb
Thallium	205-1	0.10	0.08	0.08	0.08	12.07	ppb
Tin	118-1	0.13	0.12	0.13	0.13	5.32	ppb
Titanium	47-1	0.13	0.15	0.04	0.11	53.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	59.79	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	0.14	0.11	0.12	0.12	13.36	ppb
Zirconium	90-1	0.04	0.04	0.06	0.05	22.03	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:15:05	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.03	0.04	21.43	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:18:36	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.23	17.42	18.34	18.33	4.92	ppb
Antimony	121-1	2.06	2.14	2.11	2.10	2.05	ppb
Arsenic	75-2	0.98	0.83	1.08	0.96	12.82	ppb
Barium	135-1	9.01	9.09	9.00	9.04	0.54	ppb
Barium	137-1	9.25	9.09	9.28	9.21	1.12	ppb
Beryllium	9-1	1.10	0.95	1.18	1.08	10.56	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	29.59	28.85	29.76	29.40	1.65	ppb
Boron	11-1	29.37	30.06	30.36	29.93	1.69	ppb
Cadmium	111-1	0.83	0.90	0.86	0.86	4.13	ppb
Cadmium	106-1	-0.02	-0.47	-0.29	-0.26		ppb
Cadmium	108-1	0.94	1.09	1.04	1.02	7.31	ppb
Calcium	43-1	435.68	478.89	472.14	462.24	5.03	ppb
Calcium	44-1	437.19	442.37	439.30	439.62	0.59	ppb
Chromium	52-2	2.03	1.97	2.03	2.01	1.85	ppb
Cobalt	59-2	0.97	0.99	0.96	0.97	1.60	ppb
Copper	63-2	1.59	1.60	1.59	1.59	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	51.36	51.44	50.80	51.20	0.68	ppb
Iron	57-2	56.32	52.77	54.89	54.66	3.26	ppb
Lead	206-1	1.03	1.00	1.01	1.01	1.35	ppb
Lead	207-1	0.95	0.97	0.97	0.96	1.27	ppb
Lead	208-1	0.97	0.97	1.00	0.98	1.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	479.70	472.85	471.97	474.84	0.89	ppb
Manganese	55-2	0.96	0.97	1.01	0.98	2.41	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:18:36	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.57	4.83	4.70	4.70	2.77	ppb
Molybdenum	95-1	4.72	4.72	4.73	4.73	0.13	ppb
Molybdenum	96-1	4.56	4.80	4.68	4.68	2.51	ppb
Molybdenum	97-1	4.54	4.54	4.48	4.52	0.78	ppb
Molybdenum	98-1	4.67	4.70	4.73	4.70	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.07	1.09	1.06	2.41	ppb
Phosphorus	31-2	0.75	1.42	6.24	2.80	106.94	ppb
Potassium	39-2	491.08	482.11	486.59	486.60	0.92	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	77-2	4.08	5.66	5.72	5.16	18.01	ppb
Selenium	78-2	4.02	4.39	2.40	3.60	29.44	ppb
Selenium	82-1	5.15	5.50	5.29	5.32	3.34	ppb
Silicon	28-1	1.20	1.65	2.54	1.80	37.83	ppb
Silver	109-1	0.97	0.95	0.99	0.97	1.95	ppb
Silver	107-1	0.98	0.95	0.97	0.97	1.58	ppb
Sodium	23-2	532.87	527.78	527.71	529.46	0.56	ppb
Strontium	86-1	0.94	0.92	0.91	0.93	1.93	ppb
Strontium	88-1	0.92	0.96	0.92	0.94	2.32	ppb
Sulfur	34-1	-1395.84	-1302.40	-1220.46	-1306.23		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.96	0.94	0.97	0.96	1.89	ppb
Thallium	205-1	0.96	0.96	0.99	0.97	1.83	ppb
Tin	118-1	4.65	4.81	4.70	4.72	1.70	ppb
Titanium	47-1	4.81	4.43	4.43	4.56	4.82	ppb
Uranium	238-1	0.82	0.84	0.85	0.83	1.96	ppb
Vanadium	51-2	4.61	4.53	4.47	4.54	1.63	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	2.22	2.24	2.21	2.22	0.50	ppb
Zirconium	90-1	1.00	0.96	1.02	0.99	2.98	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:18:36	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.94	1.03	0.97	0.98	4.52	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106050BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:22:08	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	0.47	-0.07	0.17	164.86	ppb
Antimony	121-1	0.15	0.14	0.15	0.15	2.31	ppb
Arsenic	75-2	0.03	0.00	0.01	0.01	110.92	ppb
Barium	135-1	0.01	0.02	0.01	0.01	28.27	ppb
Barium	137-1	0.00	0.01	0.01	0.01	46.89	ppb
Beryllium	9-1	0.10	0.09	0.07	0.09	18.34	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	6.03	7.04	5.39	6.15	13.52	ppb
Boron	11-1	6.65	6.54	5.90	6.36	6.35	ppb
Cadmium	111-1	-0.07	-0.12	-0.12	-0.10		ppb
Cadmium	106-1	-0.96	-1.60	-1.75	-1.44		ppb
Cadmium	108-1	-0.01	0.06	-0.03	0.01	719.98	ppb
Calcium	43-1	9.20	6.84	3.34	6.46	45.64	ppb
Calcium	44-1	3.19	2.95	3.66	3.27	11.16	ppb
Chromium	52-2	0.00	0.01	0.02	0.01	73.84	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	242.96	ppb
Copper	63-2	-0.28	-0.28	-0.28	-0.28		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	1.33	1.20	1.42	1.32	8.49	ppb
Iron	57-2	0.44	0.82	1.90	1.05	71.96	ppb
Lead	206-1	0.07	0.07	0.05	0.06	17.15	ppb
Lead	207-1	0.05	0.06	0.07	0.06	14.14	ppb
Lead	208-1	0.06	0.06	0.06	0.06	3.02	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.28	1.21	1.06	1.18	9.57	ppb
Manganese	55-2	0.03	0.02	0.03	0.03	31.06	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106050BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:22:08	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.15	0.13	0.14	9.45	ppb
Molybdenum	95-1	0.15	0.19	0.17	0.17	10.41	ppb
Molybdenum	96-1	0.17	0.15	0.11	0.14	21.78	ppb
Molybdenum	97-1	0.10	0.16	0.15	0.14	21.90	ppb
Molybdenum	98-1	0.14	0.14	0.16	0.15	7.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.01	0.00	550.38	ppb
Phosphorus	31-2	-13.13	-4.65	-1.26	-6.35		ppb
Potassium	39-2	18.59	17.00	15.33	16.97	9.60	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	-0.15	0.27	0.27	0.13	190.59	ppb
Selenium	78-2	-2.09	-0.98	-0.59	-1.22		ppb
Selenium	82-1	0.36	0.57	0.36	0.43	28.02	ppb
Silicon	28-1	-10.07	-9.89	-10.37	-10.11		ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.88	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.37	ppb
Sodium	23-2	51.66	52.27	45.94	49.96	6.99	ppb
Strontium	86-1	0.01	-0.03	0.02	0.00	2095.30	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	46.90	ppb
Sulfur	34-1	-1251.68	-1324.20	-1307.83	-1294.57		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.05	0.06	0.05	0.05	5.25	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	13.48	ppb
Tin	118-1	0.06	0.10	0.08	0.08	21.90	ppb
Titanium	47-1	0.10	0.09	0.14	0.11	23.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	42.19	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	0.55	0.34	0.44	0.44	23.41	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	28.73	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106050BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:22:08	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.02	15.78	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106050BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:25:40	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.33	41.24	40.13	40.23	2.38	ppb
Antimony	121-1	3.91	3.96	3.96	3.94	0.71	ppb
Arsenic	75-2	2.14	1.92	1.98	2.01	5.73	ppb
Barium	135-1	19.69	19.05	19.54	19.43	1.74	ppb
Barium	137-1	19.55	19.32	19.54	19.47	0.66	ppb
Beryllium	9-1	2.06	2.02	2.02	2.04	1.10	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	52.61	51.87	51.16	51.88	1.39	ppb
Boron	11-1	51.96	51.15	50.94	51.35	1.05	ppb
Cadmium	111-1	2.03	1.96	1.81	1.94	5.74	ppb
Cadmium	106-1	0.91	2.31	-0.14	1.03	119.89	ppb
Cadmium	108-1	2.20	2.18	1.79	2.06	11.44	ppb
Calcium	43-1	959.56	944.31	933.51	945.79	1.38	ppb
Calcium	44-1	945.08	930.89	920.67	932.22	1.31	ppb
Chromium	52-2	4.08	4.16	4.10	4.12	1.01	ppb
Cobalt	59-2	2.03	1.95	2.02	2.00	2.32	ppb
Copper	63-2	3.94	3.73	3.72	3.80	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	452.86	451.04	451.29	451.73	0.22	ppb
Iron	57-2	463.09	465.90	458.45	462.48	0.81	ppb
Lead	206-1	1.98	1.93	1.97	1.96	1.27	ppb
Lead	207-1	1.96	1.95	1.96	1.96	0.27	ppb
Lead	208-1	1.98	1.95	1.93	1.95	1.40	ppb
Lithium	6-1				97		%
Magnesium	24-2	992.56	990.80	970.77	984.71	1.23	ppb
Manganese	55-2	2.07	1.94	1.98	2.00	3.30	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106050BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:25:40	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.78	9.89	9.42	9.70	2.53	ppb
Molybdenum	95-1	9.86	9.60	9.62	9.69	1.52	ppb
Molybdenum	96-1	9.41	9.48	9.34	9.41	0.76	ppb
Molybdenum	97-1	9.62	9.36	9.31	9.43	1.74	ppb
Molybdenum	98-1	9.73	9.57	9.32	9.54	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.13	2.03	2.00	2.05	3.41	ppb
Phosphorus	31-2	10.47	26.31	9.63	15.47	60.73	ppb
Potassium	39-2	970.74	971.80	962.57	968.37	0.52	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	7.86	11.48	8.19	9.18	21.82	ppb
Selenium	78-2	8.73	8.59	9.33	8.88	4.39	ppb
Selenium	82-1	10.68	10.53	9.89	10.37	4.06	ppb
Silicon	28-1	17.17	15.64	14.48	15.76	8.58	ppb
Silver	109-1	2.08	2.00	2.07	2.05	2.12	ppb
Silver	107-1	2.04	2.14	2.04	2.07	2.84	ppb
Sodium	23-2	1031.85	1020.47	1009.08	1020.47	1.12	ppb
Strontium	86-1	2.11	1.90	1.90	1.97	6.28	ppb
Strontium	88-1	1.97	1.96	1.91	1.95	1.68	ppb
Sulfur	34-1	-1155.46	-1300.76	-1370.60	-1275.61		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	1.99	1.92	1.94	1.95	1.78	ppb
Thallium	205-1	1.97	1.94	1.90	1.94	1.86	ppb
Tin	118-1	9.89	9.82	9.79	9.83	0.54	ppb
Titanium	47-1	9.92	9.26	9.46	9.55	3.56	ppb
Uranium	238-1	1.77	1.73	1.72	1.74	1.38	ppb
Vanadium	51-2	9.63	9.54	9.32	9.50	1.70	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	4.54	4.65	4.73	4.64	2.01	ppb
Zirconium	90-1	2.01	2.01	1.98	2.00	0.88	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106050BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:25:40	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.05	2.07	1.95	2.02	3.04	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106162BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:29:12	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.18	0.18	0.12	83.90	ppb
Antimony	121-1	0.11	0.12	0.12	0.12	2.18	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00	2858.31	ppb
Barium	135-1	0.00	0.02	0.01	0.01	80.51	ppb
Barium	137-1	0.01	0.02	0.02	0.02	32.72	ppb
Beryllium	9-1	0.07	0.06	0.05	0.06	17.83	ppb
Bismuth	209-1				107		%
Bismuth	209-2				95		%
Boron	10-1	6.50	5.87	5.58	5.98	7.84	ppb
Boron	11-1	5.67	5.43	5.76	5.62	3.09	ppb
Cadmium	111-1	-0.10	-0.07	-0.15	-0.11		ppb
Cadmium	106-1	-1.51	-1.15	-2.04	-1.57		ppb
Cadmium	108-1	-0.01	-0.11	-0.04	-0.05		ppb
Calcium	43-1	6.14	4.45	9.11	6.57	35.91	ppb
Calcium	44-1	3.52	2.37	4.55	3.48	31.45	ppb
Chromium	52-2	0.01	0.01	0.01	0.01	47.28	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	35.23	ppb
Copper	63-2	-0.05	-0.09	-0.12	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				98		%
Indium	115-1				112		%
Indium	115-2				97		%
Iron	56-2	1.11	1.24	0.96	1.10	12.68	ppb
Iron	57-2	0.02	0.63	1.23	0.63	96.10	ppb
Lead	206-1	0.05	0.04	0.04	0.04	12.70	ppb
Lead	207-1	0.04	0.06	0.05	0.05	15.86	ppb
Lead	208-1	0.04	0.05	0.04	0.05	5.78	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.84	0.86	0.72	0.80	9.68	ppb
Manganese	55-2	0.02	0.01	0.02	0.01	38.50	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106162BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:29:12	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.07	0.09	0.07	12.93	ppb
Molybdenum	95-1	0.10	0.13	0.09	0.11	18.40	ppb
Molybdenum	96-1	0.06	0.07	0.09	0.07	24.03	ppb
Molybdenum	97-1	0.09	0.11	0.11	0.11	9.42	ppb
Molybdenum	98-1	0.11	0.08	0.08	0.09	18.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	151.21	ppb
Phosphorus	31-2	6.38	11.99	-12.98	1.80	729.34	ppb
Potassium	39-2	32.31	35.30	14.60	27.40	40.84	ppb
Rhodium	103-1				111		%
Rhodium	103-2				98		%
Scandium	45-1				110		%
Scandium	45-2				98		%
Selenium	77-2	0.33	-0.15	-0.15	0.01	3609.36	ppb
Selenium	78-2	-0.57	-0.46	-1.22	-0.75		ppb
Selenium	82-1	-0.09	0.16	0.63	0.23	156.95	ppb
Silicon	28-1	-10.30	-10.03	-10.02	-10.11		ppb
Silver	109-1	0.00	0.00	0.01	0.01	66.71	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.72	ppb
Sodium	23-2	52.39	49.51	41.90	47.93	11.32	ppb
Strontium	86-1	0.02	0.00	0.02	0.02	64.82	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	40.11	ppb
Sulfur	34-1	-1285.85	-1268.90	-1212.35	-1255.70		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.05	0.04	0.05	6.98	ppb
Thallium	205-1	0.03	0.04	0.05	0.04	18.06	ppb
Tin	118-1	0.08	0.10	0.07	0.08	17.89	ppb
Titanium	47-1	0.07	0.09	0.07	0.08	18.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	213.42	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				112		%
Yttrium	89-2				98		%
Zinc	66-2	0.58	0.49	0.46	0.51	12.69	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	26.66	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106162BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:29:12	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.03	0.02	34.36	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106162BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:32:44	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.23	37.76	37.95	37.98	0.63	ppb
Antimony	121-1	3.98	3.99	4.04	4.00	0.78	ppb
Arsenic	75-2	2.07	1.91	2.01	1.99	4.02	ppb
Barium	135-1	19.47	19.63	19.21	19.44	1.10	ppb
Barium	137-1	19.76	18.97	19.06	19.27	2.24	ppb
Beryllium	9-1	2.00	2.27	2.04	2.10	7.00	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	48.53	48.32	52.60	49.82	4.85	ppb
Boron	11-1	50.90	50.20	51.79	50.97	1.56	ppb
Cadmium	111-1	2.07	1.98	1.80	1.95	7.21	ppb
Cadmium	106-1	2.40	0.25	0.08	0.91	142.26	ppb
Cadmium	108-1	2.15	2.16	1.85	2.05	8.58	ppb
Calcium	43-1	942.83	957.02	941.93	947.26	0.89	ppb
Calcium	44-1	923.87	942.90	929.57	932.11	1.05	ppb
Chromium	52-2	4.18	4.18	4.10	4.15	1.23	ppb
Cobalt	59-2	2.02	1.98	1.92	1.97	2.73	ppb
Copper	63-2	3.91	3.96	3.76	3.87	2.69	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				109		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	453.48	452.87	451.39	452.58	0.24	ppb
Iron	57-2	460.78	463.37	457.50	460.55	0.64	ppb
Lead	206-1	2.06	1.99	2.00	2.01	1.90	ppb
Lead	207-1	1.96	1.94	1.92	1.94	1.01	ppb
Lead	208-1	1.97	1.96	1.93	1.95	1.09	ppb
Lithium	6-1				97		%
Magnesium	24-2	996.79	978.37	971.84	982.34	1.32	ppb
Manganese	55-2	1.95	2.23	2.10	2.09	6.74	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106162BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:32:44	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.42	9.60	9.54	9.52	0.94	ppb
Molybdenum	95-1	9.55	9.47	9.46	9.49	0.55	ppb
Molybdenum	96-1	9.29	9.49	9.33	9.37	1.10	ppb
Molybdenum	97-1	9.27	9.46	9.25	9.33	1.22	ppb
Molybdenum	98-1	9.34	9.48	9.56	9.46	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.22	2.02	2.15	2.13	4.83	ppb
Phosphorus	31-2	11.10	4.84	23.76	13.23	72.82	ppb
Potassium	39-2	972.87	965.38	969.66	969.30	0.39	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	77-2	7.83	11.32	9.79	9.65	18.16	ppb
Selenium	78-2	8.60	7.86	9.38	8.62	8.82	ppb
Selenium	82-1	10.47	10.19	10.85	10.50	3.17	ppb
Silicon	28-1	15.33	16.37	16.54	16.08	4.08	ppb
Silver	109-1	2.02	2.06	2.01	2.03	1.19	ppb
Silver	107-1	2.08	2.00	2.04	2.04	1.97	ppb
Sodium	23-2	1014.17	1013.42	1003.19	1010.26	0.61	ppb
Strontium	86-1	1.84	1.96	2.05	1.95	5.40	ppb
Strontium	88-1	1.93	1.97	1.93	1.94	1.27	ppb
Sulfur	34-1	-1004.12	-841.96	-894.71	-913.60		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	1.93	1.94	1.83	1.90	3.17	ppb
Thallium	205-1	1.94	1.87	1.93	1.91	1.84	ppb
Tin	118-1	9.84	9.94	9.84	9.87	0.57	ppb
Titanium	47-1	9.32	9.31	9.97	9.53	3.96	ppb
Uranium	238-1	1.72	1.75	1.75	1.74	0.78	ppb
Vanadium	51-2	9.51	9.42	9.36	9.43	0.78	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	5.16	4.98	5.10	5.08	1.85	ppb
Zirconium	90-1	1.97	2.00	1.96	1.98	1.16	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106162BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:32:44	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.00	1.95	2.00	1.98	1.51	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-01	Instrumnet Name :	P7
Client Sample ID :	MF6C14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:44:59	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21366.32	21530.55	21624.68	21507.18	0.61	ppb
Antimony	121-1	0.63	0.66	0.68	0.66	3.19	ppb
Arsenic	75-2	66.83	66.97	65.49	66.43	1.23	ppb
Barium	135-1	667.32	667.00	668.22	667.51	0.09	ppb
Barium	137-1	670.52	676.71	675.67	674.30	0.49	ppb
Beryllium	9-1	2.71	2.45	2.55	2.57	5.01	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	7.67	8.11	7.35	7.71	4.92	ppb
Boron	11-1	8.45	8.08	8.56	8.36	3.05	ppb
Cadmium	111-1	0.58	0.54	0.53	0.55	5.09	ppb
Cadmium	106-1	-0.40	-1.05	-0.45	-0.63		ppb
Cadmium	108-1	1.05	0.91	1.60	1.19	30.42	ppb
Calcium	43-1	72906.05	72113.65	73237.90	72752.53	0.79	ppb
Calcium	44-1	74415.68	73176.04	74145.79	73912.50	0.88	ppb
Chromium	52-2	32.84	32.91	33.68	33.14	1.41	ppb
Cobalt	59-2	33.21	32.96	33.01	33.06	0.41	ppb
Copper	63-2	46.41	46.65	46.66	46.57	0.30	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				112		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	49086.74	49382.08	49336.11	49268.31	0.32	ppb
Iron	57-2	48922.63	49023.50	49134.43	49026.86	0.22	ppb
Lead	206-1	41.21	40.14	40.94	40.76	1.37	ppb
Lead	207-1	36.43	35.85	35.82	36.03	0.96	ppb
Lead	208-1	38.58	37.78	38.25	38.20	1.05	ppb
Lithium	6-1				100		%
Magnesium	24-2	15914.31	16056.96	16007.06	15992.78	0.45	ppb
Manganese	55-2	1334.75	1346.36	1353.82	1344.97	0.71	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-01	Instrumnet Name :	P7
Client Sample ID :	MF6C14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:44:59	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.40	8.13	8.41	8.32	1.89	ppb
Molybdenum	95-1	0.76	0.76	0.76	0.76	0.21	ppb
Molybdenum	96-1	1.86	1.90	1.88	1.88	1.04	ppb
Molybdenum	97-1	0.70	0.69	0.67	0.69	1.95	ppb
Molybdenum	98-1	0.70	0.72	0.68	0.70	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.49	76.59	77.37	76.82	0.63	ppb
Phosphorus	31-2	1280.95	1311.83	1358.40	1317.06	2.96	ppb
Potassium	39-2	2947.52	2988.72	2990.35	2975.53	0.82	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	77-2	27.75	30.99	24.59	27.78	11.51	ppb
Selenium	78-2	2.37	1.71	3.76	2.61	40.01	ppb
Selenium	82-1	1.00	1.77	0.65	1.14	50.26	ppb
Silicon	28-1	1000.10	974.79	994.99	989.96	1.35	ppb
Silver	109-1	0.14	0.15	0.15	0.14	3.47	ppb
Silver	107-1	0.14	0.14	0.16	0.15	6.92	ppb
Sodium	23-2	1131.39	1142.98	1139.98	1138.11	0.53	ppb
Strontium	86-1	135.54	135.80	137.60	136.31	0.82	ppb
Strontium	88-1	139.27	137.42	139.00	138.56	0.72	ppb
Sulfur	34-1	-1420.55	-1494.02	-1360.50	-1425.02		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.61	0.63	0.59	0.61	3.35	ppb
Thallium	205-1	0.68	0.59	0.61	0.62	7.17	ppb
Tin	118-1	1.81	1.85	1.89	1.85	2.19	ppb
Titanium	47-1	41.69	42.17	41.33	41.73	1.00	ppb
Uranium	238-1	2.23	2.19	2.27	2.23	1.74	ppb
Vanadium	51-2	60.56	61.06	61.05	60.89	0.47	ppb
Yttrium	89-1				121		%
Yttrium	89-2				114		%
Zinc	66-2	135.73	137.44	135.16	136.11	0.87	ppb
Zirconium	90-1	5.11	5.04	5.17	5.11	1.26	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-01	Instrumnet Name :	P7
Client Sample ID :	MF6C14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:44:59	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.38	4.99	5.10	5.16	3.89	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-02	Instrumnet Name :	P7
Client Sample ID :	MF6C15	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:48:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14207.41	14401.57	14350.78	14319.92	0.70	ppb
Antimony	121-1	0.31	0.32	0.33	0.32	3.44	ppb
Arsenic	75-2	26.09	26.39	25.82	26.10	1.10	ppb
Barium	135-1	580.49	583.88	580.68	581.68	0.33	ppb
Barium	137-1	585.55	583.78	581.12	583.48	0.38	ppb
Beryllium	9-1	2.13	2.18	2.09	2.13	2.04	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	4.78	3.47	4.15	4.13	15.92	ppb
Boron	11-1	4.30	4.85	4.66	4.60	6.11	ppb
Cadmium	111-1	1.00	1.09	1.04	1.04	4.27	ppb
Cadmium	106-1	0.86	1.35	0.37	0.86	57.00	ppb
Cadmium	108-1	1.16	1.28	1.56	1.34	15.25	ppb
Calcium	43-1	66958.61	66643.46	66839.57	66813.88	0.24	ppb
Calcium	44-1	68159.15	67924.93	67645.18	67909.75	0.38	ppb
Chromium	52-2	22.84	23.10	22.65	22.86	0.97	ppb
Cobalt	59-2	20.58	20.76	20.81	20.72	0.58	ppb
Copper	63-2	46.00	46.85	46.93	46.60	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	56-2	38510.53	39029.94	39002.66	38847.71	0.75	ppb
Iron	57-2	38096.88	38555.15	38644.22	38432.08	0.76	ppb
Lead	206-1	31.44	32.13	32.04	31.87	1.19	ppb
Lead	207-1	28.13	28.31	28.63	28.36	0.88	ppb
Lead	208-1	29.83	30.10	30.03	29.99	0.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	10452.69	10603.88	10542.98	10533.18	0.72	ppb
Manganese	55-2	843.16	856.13	859.99	853.09	1.03	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-02	Instrumnet Name :	P7
Client Sample ID :	MF6C15	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:48:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.99	4.95	4.89	4.94	1.06	ppb
Molybdenum	95-1	0.42	0.44	0.42	0.43	2.33	ppb
Molybdenum	96-1	1.10	1.13	1.11	1.11	1.61	ppb
Molybdenum	97-1	0.49	0.44	0.42	0.45	8.44	ppb
Molybdenum	98-1	0.45	0.43	0.44	0.44	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.64	50.06	49.76	49.82	0.44	ppb
Phosphorus	31-2	1070.25	1150.17	1118.57	1112.99	3.62	ppb
Potassium	39-2	2216.53	2259.10	2249.55	2241.73	1.00	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	28.20	29.62	20.87	26.23	17.92	ppb
Selenium	78-2	2.93	3.82	1.56	2.77	41.27	ppb
Selenium	82-1	1.29	0.70	1.22	1.07	30.00	ppb
Silicon	28-1	1152.90	1149.55	1159.89	1154.11	0.46	ppb
Silver	109-1	0.12	0.12	0.15	0.13	9.67	ppb
Silver	107-1	0.12	0.13	0.13	0.13	4.65	ppb
Sodium	23-2	1010.92	1025.39	1027.91	1021.41	0.90	ppb
Strontium	86-1	78.75	79.77	79.18	79.24	0.65	ppb
Strontium	88-1	79.78	79.61	79.91	79.76	0.19	ppb
Sulfur	34-1	-1440.79	-1547.12	-1550.57	-1512.82		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.50	0.51	0.49	0.50	2.01	ppb
Thallium	205-1	0.51	0.49	0.49	0.50	1.93	ppb
Tin	118-1	1.02	1.09	1.13	1.08	4.95	ppb
Titanium	47-1	31.55	31.76	30.77	31.36	1.67	ppb
Uranium	238-1	1.71	1.73	1.72	1.72	0.45	ppb
Vanadium	51-2	49.90	50.61	50.60	50.37	0.80	ppb
Yttrium	89-1				126		%
Yttrium	89-2				120		%
Zinc	66-2	118.48	119.48	120.76	119.57	0.96	ppb
Zirconium	90-1	2.92	3.02	2.94	2.96	1.72	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-02	Instrumnet Name :	P7
Client Sample ID :	MF6C15	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:48:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.96	2.91	3.05	2.97	2.40	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-03	Instrumnet Name :	P7
Client Sample ID :	MF6C16	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:52:04	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12729.36	12783.19	12569.76	12694.10	0.87	ppb
Antimony	121-1	0.58	0.61	0.62	0.60	3.03	ppb
Arsenic	75-2	36.08	35.71	35.91	35.90	0.52	ppb
Barium	135-1	410.95	403.52	398.32	404.26	1.57	ppb
Barium	137-1	411.89	404.35	397.36	404.53	1.80	ppb
Beryllium	9-1	1.66	1.63	1.59	1.63	2.00	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	6.86	6.10	6.77	6.58	6.34	ppb
Boron	11-1	7.05	7.00	6.97	7.01	0.59	ppb
Cadmium	111-1	2.07	1.76	1.84	1.89	8.60	ppb
Cadmium	106-1	2.98	1.87	1.11	1.98	47.41	ppb
Cadmium	108-1	1.92	2.81	2.26	2.33	19.13	ppb
Calcium	43-1	163708.84	159220.43	157674.23	160201.17	1.96	ppb
Calcium	44-1	163841.99	158973.46	158957.32	160590.92	1.75	ppb
Chromium	52-2	21.83	21.69	21.58	21.70	0.58	ppb
Cobalt	59-2	16.28	16.67	16.60	16.52	1.26	ppb
Copper	63-2	31.78	32.66	32.54	32.33	1.47	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				114		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				107		%
Iron	56-2	28909.95	29298.30	29064.75	29091.00	0.67	ppb
Iron	57-2	28648.75	29088.32	28717.36	28818.14	0.82	ppb
Lead	206-1	25.51	24.92	24.70	25.04	1.66	ppb
Lead	207-1	22.47	22.04	21.81	22.11	1.51	ppb
Lead	208-1	23.71	23.25	23.17	23.38	1.26	ppb
Lithium	6-1				91		%
Magnesium	24-2	14750.54	14910.90	14711.61	14791.02	0.71	ppb
Manganese	55-2	1013.29	1029.32	1021.10	1021.24	0.79	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-03	Instrumnet Name :	P7
Client Sample ID :	MF6C16	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:52:04	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	11.95	11.40	11.46	11.60	2.60	ppb
Molybdenum	95-1	1.16	1.12	1.14	1.14	1.86	ppb
Molybdenum	96-1	2.51	2.44	2.58	2.51	2.91	ppb
Molybdenum	97-1	1.10	1.13	1.02	1.08	5.09	ppb
Molybdenum	98-1	1.11	1.07	1.05	1.08	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.08	42.29	40.87	41.42	1.85	ppb
Phosphorus	31-2	950.39	923.23	891.96	921.86	3.17	ppb
Potassium	39-2	1897.72	1902.35	1900.95	1900.34	0.12	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	24.37	16.17	21.42	20.65	20.12	ppb
Selenium	78-2	2.05	1.70	1.29	1.68	22.65	ppb
Selenium	82-1	1.30	0.93	0.35	0.86	55.86	ppb
Silicon	28-1	909.91	890.08	876.00	892.00	1.91	ppb
Silver	109-1	0.14	0.15	0.15	0.15	6.93	ppb
Silver	107-1	0.14	0.15	0.14	0.14	4.37	ppb
Sodium	23-2	641.66	645.84	638.03	641.85	0.61	ppb
Strontium	86-1	146.05	143.69	142.08	143.94	1.39	ppb
Strontium	88-1	148.59	146.35	145.26	146.73	1.16	ppb
Sulfur	34-1	-825.95	-1049.98	-994.60	-956.84		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.38	0.36	0.36	0.36	3.32	ppb
Thallium	205-1	0.40	0.36	0.35	0.37	7.90	ppb
Tin	118-1	0.85	0.93	0.95	0.91	5.67	ppb
Titanium	47-1	55.10	54.65	53.78	54.51	1.23	ppb
Uranium	238-1	2.20	2.09	2.10	2.13	2.83	ppb
Vanadium	51-2	43.02	43.98	43.63	43.55	1.12	ppb
Yttrium	89-1				121		%
Yttrium	89-2				116		%
Zinc	66-2	93.71	95.98	94.39	94.69	1.23	ppb
Zirconium	90-1	7.08	7.04	7.00	7.04	0.54	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-03	Instrumnet Name :	P7
Client Sample ID :	MF6C16	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:52:04	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	7.16	7.03	7.04	7.07	1.00	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-04	Instrumnet Name :	P7
Client Sample ID :	MF6C16D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:55:37	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12880.14	12568.50	12450.46	12633.03	1.76	ppb
Antimony	121-1	0.54	0.55	0.56	0.55	1.72	ppb
Arsenic	75-2	33.29	32.30	31.92	32.51	2.18	ppb
Barium	135-1	397.44	387.89	391.61	392.31	1.23	ppb
Barium	137-1	394.87	392.37	392.56	393.27	0.35	ppb
Beryllium	9-1	1.60	1.53	1.49	1.54	3.94	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	7.28	5.19	6.61	6.36	16.74	ppb
Boron	11-1	6.56	6.04	6.55	6.38	4.66	ppb
Cadmium	111-1	1.66	1.61	1.74	1.67	3.92	ppb
Cadmium	106-1	1.21	2.09	0.52	1.27	61.76	ppb
Cadmium	108-1	2.33	2.23	1.81	2.12	12.99	ppb
Calcium	43-1	148764.32	146453.59	146323.50	147180.47	0.93	ppb
Calcium	44-1	148927.81	146834.27	147272.85	147678.31	0.75	ppb
Chromium	52-2	22.15	21.34	21.27	21.58	2.27	ppb
Cobalt	59-2	16.77	16.32	16.02	16.37	2.31	ppb
Copper	63-2	31.27	30.71	29.97	30.65	2.12	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				119		%
Holmium	165-2				112		%
Indium	115-1				118		%
Indium	115-2				108		%
Iron	56-2	29072.31	28266.64	28023.25	28454.07	1.93	ppb
Iron	57-2	28910.41	28262.00	27692.29	28288.23	2.15	ppb
Lead	206-1	23.82	23.37	23.55	23.58	0.97	ppb
Lead	207-1	21.34	21.13	20.93	21.14	0.97	ppb
Lead	208-1	22.48	22.04	22.03	22.18	1.15	ppb
Lithium	6-1				89		%
Magnesium	24-2	14977.09	14598.38	14448.16	14674.55	1.86	ppb
Manganese	55-2	976.96	955.24	943.84	958.68	1.76	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-04	Instrumnet Name :	P7
Client Sample ID :	MF6C16D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:55:37	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	10.94	11.25	11.06	11.08	1.43	ppb
Molybdenum	95-1	1.06	0.96	0.97	0.99	5.36	ppb
Molybdenum	96-1	2.34	2.34	2.42	2.36	1.92	ppb
Molybdenum	97-1	0.96	1.01	1.08	1.02	5.97	ppb
Molybdenum	98-1	1.01	0.94	1.02	0.99	4.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.58	40.33	39.64	40.51	2.43	ppb
Phosphorus	31-2	934.91	942.87	909.47	929.08	1.88	ppb
Potassium	39-2	1925.54	1902.37	1872.28	1900.06	1.41	ppb
Rhodium	103-1				114		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	77-2	21.28	21.79	20.32	21.13	3.53	ppb
Selenium	78-2	2.20	0.42	1.43	1.35	65.93	ppb
Selenium	82-1	1.74	0.73	0.61	1.03	60.46	ppb
Silicon	28-1	931.09	910.32	905.90	915.77	1.47	ppb
Silver	109-1	0.12	0.11	0.11	0.11	4.74	ppb
Silver	107-1	0.13	0.14	0.14	0.14	7.41	ppb
Sodium	23-2	647.91	628.67	622.09	632.89	2.12	ppb
Strontium	86-1	138.19	137.03	137.21	137.48	0.46	ppb
Strontium	88-1	140.90	139.21	140.14	140.08	0.60	ppb
Sulfur	34-1	-1206.99	-1293.59	-1337.86	-1279.48		ppb
Terbium	159-1				119		%
Terbium	159-2				112		%
Thallium	203-1	0.32	0.34	0.37	0.34	7.14	ppb
Thallium	205-1	0.37	0.35	0.34	0.35	3.63	ppb
Tin	118-1	0.83	0.86	0.92	0.87	5.60	ppb
Titanium	47-1	54.89	52.94	54.69	54.17	1.98	ppb
Uranium	238-1	2.01	2.00	1.99	2.00	0.51	ppb
Vanadium	51-2	43.20	41.38	41.83	42.14	2.26	ppb
Yttrium	89-1				125		%
Yttrium	89-2				116		%
Zinc	66-2	93.47	92.84	92.67	92.99	0.45	ppb
Zirconium	90-1	6.72	6.65	6.71	6.69	0.52	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-04	Instrumnet Name :	P7
Client Sample ID :	MF6C16D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:55:37	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	6.74	6.59	6.62	6.65	1.15	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-03LX5	Instrumnet Name :	P7
Client Sample ID :	MF6C16L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-30 13:59:08	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2602.52	2599.62	2536.08	2579.40	1.46	ppb
Antimony	121-1	0.15	0.15	0.12	0.14	9.68	ppb
Arsenic	75-2	8.08	7.63	7.62	7.78	3.36	ppb
Barium	135-1	79.57	79.07	78.55	79.06	0.64	ppb
Barium	137-1	79.05	80.23	78.77	79.35	0.97	ppb
Beryllium	9-1	0.38	0.46	0.37	0.41	11.59	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	3.06	3.77	3.26	3.36	10.84	ppb
Boron	11-1	2.83	3.18	3.18	3.06	6.55	ppb
Cadmium	111-1	0.25	0.15	0.32	0.24	36.24	ppb
Cadmium	106-1	-1.29	-1.77	-1.14	-1.40		ppb
Cadmium	108-1	0.40	0.38	0.31	0.36	13.93	ppb
Calcium	43-1	31207.26	31320.93	31321.19	31283.13	0.21	ppb
Calcium	44-1	31602.43	31801.79	31814.43	31739.55	0.37	ppb
Chromium	52-2	4.58	4.58	4.33	4.50	3.15	ppb
Cobalt	59-2	3.41	3.46	3.39	3.42	0.97	ppb
Copper	63-2	6.56	6.50	6.17	6.41	3.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				110		%
Indium	115-1				118		%
Indium	115-2				107		%
Iron	56-2	6069.91	6105.56	5948.42	6041.30	1.36	ppb
Iron	57-2	5937.60	5974.16	5847.13	5919.63	1.10	ppb
Lead	206-1	5.03	5.01	4.99	5.01	0.43	ppb
Lead	207-1	4.58	4.66	4.37	4.54	3.34	ppb
Lead	208-1	4.70	4.77	4.69	4.72	0.86	ppb
Lithium	6-1				84		%
Magnesium	24-2	3015.31	3031.83	2938.05	2995.06	1.67	ppb
Manganese	55-2	209.23	211.09	206.02	208.78	1.23	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-03LX5	Instrumnet Name :	P7
Client Sample ID :	MF6C16L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-30 13:59:08	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.72	2.43	2.63	2.60	5.68	ppb
Molybdenum	95-1	0.28	0.23	0.26	0.25	9.50	ppb
Molybdenum	96-1	0.63	0.55	0.55	0.57	7.85	ppb
Molybdenum	97-1	0.29	0.25	0.23	0.26	11.90	ppb
Molybdenum	98-1	0.25	0.24	0.25	0.25	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.88	8.76	8.51	8.72	2.21	ppb
Phosphorus	31-2	214.10	186.05	157.20	185.78	15.31	ppb
Potassium	39-2	396.13	404.68	385.33	395.38	2.45	ppb
Rhodium	103-1				116		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	77-2	3.61	3.20	6.43	4.41	39.84	ppb
Selenium	78-2	-0.81	-0.80	-0.74	-0.78		ppb
Selenium	82-1	0.66	0.26	0.08	0.34	88.58	ppb
Silicon	28-1	184.32	184.38	185.11	184.60	0.24	ppb
Silver	109-1	0.04	0.04	0.04	0.04	4.21	ppb
Silver	107-1	0.06	0.05	0.04	0.05	23.42	ppb
Sodium	23-2	159.31	158.30	159.27	158.96	0.36	ppb
Strontium	86-1	30.09	30.29	30.15	30.18	0.33	ppb
Strontium	88-1	29.72	30.31	29.93	29.98	1.00	ppb
Sulfur	34-1	-1030.24	-996.96	-998.64	-1008.62		ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	0.07	0.05	0.07	0.06	15.73	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	6.64	ppb
Tin	118-1	0.25	0.18	0.22	0.22	16.56	ppb
Titanium	47-1	10.99	11.23	10.73	10.98	2.24	ppb
Uranium	238-1	0.40	0.40	0.40	0.40	0.76	ppb
Vanadium	51-2	9.13	9.03	8.79	8.98	1.90	ppb
Yttrium	89-1				119		%
Yttrium	89-2				109		%
Zinc	66-2	20.68	19.80	19.90	20.13	2.39	ppb
Zirconium	90-1	1.52	1.57	1.51	1.53	2.24	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-03LX5	Instrumnet Name :	P7
Client Sample ID :	MF6C16L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-30 13:59:08	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.58	1.59	1.56	1.58	0.92	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-05	Instrumnet Name :	P7
Client Sample ID :	MF6C16S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 14:02:39	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13495.80	12751.40	12628.50	12958.57	3.62	ppb
Antimony	121-1	20.94	21.02	20.94	20.97	0.21	ppb
Arsenic	75-2	42.94	41.18	41.89	42.01	2.11	ppb
Barium	135-1	799.74	808.54	817.69	808.66	1.11	ppb
Barium	137-1	802.68	809.72	816.69	809.70	0.86	ppb
Beryllium	9-1	11.27	12.28	11.81	11.79	4.31	ppb
Bismuth	209-1				110		%
Bismuth	209-2				96		%
Boron	10-1	6.71	7.22	6.33	6.75	6.57	ppb
Boron	11-1	6.20	6.50	6.44	6.38	2.47	ppb
Cadmium	111-1	11.85	11.98	11.97	11.93	0.59	ppb
Cadmium	106-1	9.17	9.36	10.83	9.79	9.29	ppb
Cadmium	108-1	11.64	11.68	11.29	11.54	1.87	ppb
Calcium	43-1	148501.55	151010.04	152024.81	150512.14	1.20	ppb
Calcium	44-1	151057.19	152234.50	153240.28	152177.32	0.72	ppb
Chromium	52-2	65.59	61.60	61.05	62.75	3.95	ppb
Cobalt	59-2	124.96	117.74	116.58	119.76	3.79	ppb
Copper	63-2	86.71	82.03	81.01	83.25	3.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				102		%
Indium	115-1				116		%
Indium	115-2				98		%
Iron	56-2	30493.33	28525.98	28327.38	29115.56	4.11	ppb
Iron	57-2	30012.21	28265.65	28329.18	28869.01	3.43	ppb
Lead	206-1	28.23	28.51	28.15	28.30	0.66	ppb
Lead	207-1	24.96	25.91	25.78	25.55	2.00	ppb
Lead	208-1	26.39	26.95	26.69	26.68	1.06	ppb
Lithium	6-1				84		%
Magnesium	24-2	15386.65	14442.64	14413.20	14747.50	3.75	ppb
Manganese	55-2	1132.57	1064.34	1066.14	1087.68	3.57	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-05	Instrumnet Name :	P7
Client Sample ID :	MF6C16S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 14:02:39	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	11.22	11.24	11.16	11.20	0.38	ppb
Molybdenum	95-1	1.01	1.10	1.03	1.05	4.70	ppb
Molybdenum	96-1	2.44	2.47	2.41	2.44	1.13	ppb
Molybdenum	97-1	0.97	1.03	0.99	0.99	3.10	ppb
Molybdenum	98-1	1.09	1.01	1.06	1.05	3.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	151.76	143.26	142.58	145.87	3.51	ppb
Phosphorus	31-2	957.93	836.66	954.99	916.52	7.55	ppb
Potassium	39-2	2010.50	1888.14	1861.80	1920.15	4.13	ppb
Rhodium	103-1				111		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				99		%
Selenium	77-2	39.45	40.73	37.14	39.10	4.66	ppb
Selenium	78-2	22.89	21.98	21.06	21.98	4.15	ppb
Selenium	82-1	19.41	21.07	20.27	20.25	4.11	ppb
Silicon	28-1	953.29	966.51	972.17	963.99	1.01	ppb
Silver	109-1	9.76	9.57	9.95	9.76	1.96	ppb
Silver	107-1	9.71	9.93	9.93	9.86	1.28	ppb
Sodium	23-2	659.68	619.07	602.05	626.94	4.72	ppb
Strontium	86-1	139.73	140.02	142.19	140.65	0.96	ppb
Strontium	88-1	141.42	142.81	143.80	142.68	0.84	ppb
Sulfur	34-1	-932.18	-1040.28	-810.63	-927.70		ppb
Terbium	159-1				116		%
Terbium	159-2				102		%
Thallium	203-1	10.22	10.40	10.13	10.25	1.36	ppb
Thallium	205-1	10.28	10.60	10.29	10.39	1.76	ppb
Tin	118-1	0.81	0.88	0.86	0.85	3.82	ppb
Titanium	47-1	53.60	55.49	54.38	54.49	1.75	ppb
Uranium	238-1	2.01	2.07	2.02	2.03	1.43	ppb
Vanadium	51-2	150.89	142.49	141.59	144.99	3.54	ppb
Yttrium	89-1				123		%
Yttrium	89-2				105		%
Zinc	66-2	206.86	194.42	191.78	197.69	4.07	ppb
Zirconium	90-1	6.52	6.73	6.76	6.67	1.95	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-05	Instrumnet Name :	P7
Client Sample ID :	MF6C16S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 14:02:39	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	6.65	6.91	6.78	6.78	1.94	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-06	Instrumnet Name :	P7
Client Sample ID :	MF6C17	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 14:06:11	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11177.84	11013.85	11097.38	11096.36	0.74	ppb
Antimony	121-1	0.44	0.43	0.46	0.44	4.12	ppb
Arsenic	75-2	7.82	7.39	7.02	7.41	5.41	ppb
Barium	135-1	349.62	350.69	349.46	349.92	0.19	ppb
Barium	137-1	353.69	355.89	348.23	352.60	1.12	ppb
Beryllium	9-1	1.22	1.26	1.19	1.22	2.88	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	6.35	6.73	7.25	6.77	6.64	ppb
Boron	11-1	6.71	6.62	7.08	6.80	3.56	ppb
Cadmium	111-1	0.06	0.00	0.03	0.03	93.19	ppb
Cadmium	106-1	-0.57	-1.45	-1.00	-1.01		ppb
Cadmium	108-1	0.83	0.51	0.64	0.66	24.16	ppb
Calcium	43-1	28568.49	28464.52	28089.01	28374.01	0.89	ppb
Calcium	44-1	29134.63	29340.89	28896.93	29124.15	0.76	ppb
Chromium	52-2	20.03	19.86	20.04	19.98	0.49	ppb
Cobalt	59-2	14.44	14.15	14.13	14.24	1.23	ppb
Copper	63-2	24.39	24.64	24.86	24.63	0.96	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				119		%
Holmium	165-2				111		%
Indium	115-1				119		%
Indium	115-2				106		%
Iron	56-2	22709.14	22150.21	22434.86	22431.40	1.25	ppb
Iron	57-2	22192.48	21751.44	22008.57	21984.16	1.01	ppb
Lead	206-1	23.04	22.59	22.02	22.55	2.27	ppb
Lead	207-1	20.27	19.93	19.77	19.99	1.28	ppb
Lead	208-1	21.55	21.13	20.85	21.18	1.66	ppb
Lithium	6-1				80		%
Magnesium	24-2	14095.38	13785.13	13838.25	13906.25	1.19	ppb
Manganese	55-2	615.54	601.04	609.46	608.68	1.20	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-06	Instrumnet Name :	P7
Client Sample ID :	MF6C17	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 14:06:11	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	10.96	11.21	10.93	11.03	1.37	ppb
Molybdenum	95-1	0.43	0.38	0.39	0.40	6.98	ppb
Molybdenum	96-1	1.70	1.78	1.75	1.74	2.50	ppb
Molybdenum	97-1	0.36	0.36	0.43	0.38	9.41	ppb
Molybdenum	98-1	0.37	0.35	0.34	0.35	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.49	32.96	33.38	33.28	0.83	ppb
Phosphorus	31-2	1011.99	870.33	875.79	919.37	8.73	ppb
Potassium	39-2	1815.53	1783.34	1803.49	1800.78	0.90	ppb
Rhodium	103-1				115		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	77-2	15.48	14.90	13.18	14.52	8.24	ppb
Selenium	78-2	1.24	0.70	0.39	0.77	55.35	ppb
Selenium	82-1	0.76	1.11	0.64	0.84	29.40	ppb
Silicon	28-1	1157.32	1141.98	1142.65	1147.32	0.76	ppb
Silver	109-1	0.07	0.10	0.10	0.09	19.82	ppb
Silver	107-1	0.10	0.11	0.11	0.11	5.77	ppb
Sodium	23-2	454.84	453.76	445.64	451.41	1.11	ppb
Strontium	86-1	57.82	58.37	56.49	57.56	1.68	ppb
Strontium	88-1	57.68	58.09	57.51	57.76	0.52	ppb
Sulfur	34-1	-1543.56	-1753.23	-1759.84	-1685.54		ppb
Terbium	159-1				119		%
Terbium	159-2				111		%
Thallium	203-1	0.34	0.31	0.31	0.32	5.82	ppb
Thallium	205-1	0.33	0.32	0.31	0.32	1.98	ppb
Tin	118-1	0.79	0.75	0.85	0.80	6.32	ppb
Titanium	47-1	95.82	96.01	96.12	95.98	0.16	ppb
Uranium	238-1	1.00	0.97	0.98	0.98	1.60	ppb
Vanadium	51-2	32.63	32.28	32.31	32.41	0.60	ppb
Yttrium	89-1				122		%
Yttrium	89-2				112		%
Zinc	66-2	74.28	71.48	72.58	72.78	1.93	ppb
Zirconium	90-1	6.89	7.00	6.90	6.93	0.86	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-06	Instrumnet Name :	P7
Client Sample ID :	MF6C17	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 14:06:11	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	6.98	6.95	6.87	6.93	0.82	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:28:04	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51040.77	49688.68	51893.91	50874.46	2.19	ppb
Antimony	121-1	493.30	501.17	506.51	500.33	1.33	ppb
Arsenic	75-2	511.42	494.85	514.96	507.08	2.12	ppb
Barium	135-1	2518.28	2537.57	2556.50	2537.45	0.75	ppb
Barium	137-1	2538.54	2560.07	2572.96	2557.19	0.68	ppb
Beryllium	9-1	521.21	526.12	529.86	525.73	0.82	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	516.36	531.79	537.52	528.55	2.07	ppb
Boron	11-1	526.57	538.96	544.38	536.63	1.70	ppb
Cadmium	111-1	487.91	489.84	497.81	491.85	1.07	ppb
Cadmium	106-1	486.38	490.03	504.98	493.80	2.00	ppb
Cadmium	108-1	493.29	495.43	498.19	495.64	0.50	ppb
Calcium	43-1	246830.64	249840.21	254921.48	250530.78	1.63	ppb
Calcium	44-1	247976.39	249635.18	254252.91	250621.49	1.30	ppb
Chromium	52-2	514.36	502.83	520.95	512.71	1.79	ppb
Cobalt	59-2	498.55	484.40	504.23	495.72	2.06	ppb
Copper	63-2	977.65	959.84	996.10	977.86	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	128738.79	126201.01	131097.53	128679.11	1.90	ppb
Iron	57-2	129809.44	125976.12	130898.10	128894.55	2.01	ppb
Lead	206-1	505.59	518.63	520.11	514.77	1.55	ppb
Lead	207-1	501.94	513.28	515.74	510.32	1.44	ppb
Lead	208-1	510.58	520.01	520.73	517.11	1.10	ppb
Lithium	6-1				88		%
Magnesium	24-2	259632.53	253157.46	262890.30	258560.10	1.92	ppb
Manganese	55-2	1005.14	984.17	1018.16	1002.49	1.71	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:28:04	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2563.48	2574.10	2616.88	2584.82	1.09	ppb
Molybdenum	95-1	2550.56	2569.53	2624.67	2581.59	1.49	ppb
Molybdenum	96-1	2541.45	2562.37	2608.49	2570.77	1.33	ppb
Molybdenum	97-1	2542.71	2580.79	2606.13	2576.54	1.24	ppb
Molybdenum	98-1	2563.81	2585.07	2629.05	2592.64	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.04	487.63	504.83	496.84	1.74	ppb
Phosphorus	31-2	10476.90	10195.84	10237.59	10303.44	1.47	ppb
Potassium	39-2	128745.51	125202.51	130243.47	128063.83	2.02	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	482.38	497.73	499.36	493.16	1.90	ppb
Selenium	78-2	493.00	467.22	501.80	487.34	3.69	ppb
Selenium	82-1	487.26	492.86	502.87	494.33	1.60	ppb
Silicon	28-1	522.33	540.04	560.06	540.81	3.49	ppb
Silver	109-1	484.55	488.04	491.27	487.95	0.69	ppb
Silver	107-1	481.90	484.58	493.58	486.69	1.26	ppb
Sodium	23-2	261285.16	255190.79	265969.75	260815.23	2.07	ppb
Strontium	86-1	515.01	523.91	528.24	522.39	1.29	ppb
Strontium	88-1	525.65	530.52	540.68	532.28	1.44	ppb
Sulfur	34-1	10468.44	10432.01	10737.85	10546.10	1.58	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	509.89	524.01	521.16	518.35	1.44	ppb
Thallium	205-1	520.79	528.30	530.11	526.40	0.94	ppb
Tin	118-1	497.91	500.32	502.19	500.14	0.43	ppb
Titanium	47-1	2486.73	2513.17	2557.71	2519.20	1.42	ppb
Uranium	238-1	517.86	524.83	525.08	522.59	0.78	ppb
Vanadium	51-2	511.09	497.83	518.69	509.20	2.07	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	974.12	955.22	986.58	971.97	1.62	ppb
Zirconium	90-1	511.07	519.17	523.03	517.76	1.18	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:28:04	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.55	507.04	515.89	508.83	1.25	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:31:39	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.11	0.41	0.74	0.75	46.18	ppb
Antimony	121-1	1.69	1.49	1.39	1.52	9.84	ppb
Arsenic	75-2	0.10	0.06	0.10	0.09	23.60	ppb
Barium	135-1	0.08	0.07	0.03	0.06	43.17	ppb
Barium	137-1	0.06	0.05	0.04	0.05	24.77	ppb
Beryllium	9-1	0.16	0.07	0.11	0.11	39.00	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	14.48	13.81	12.04	13.44	9.39	ppb
Boron	11-1	16.06	13.60	11.59	13.75	16.28	ppb
Cadmium	111-1	-0.10	-0.07	-0.10	-0.09		ppb
Cadmium	106-1	-1.63	-1.11	-1.71	-1.49		ppb
Cadmium	108-1	0.04	0.16	-0.08	0.04	315.05	ppb
Calcium	43-1	3.99	1.77	1.85	2.54	49.60	ppb
Calcium	44-1	2.46	1.40	0.70	1.52	58.51	ppb
Chromium	52-2	0.08	0.01	0.03	0.04	86.36	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	27.05	ppb
Copper	63-2	-0.56	-0.54	-0.58	-0.56		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	5.60	5.33	6.24	5.73	8.17	ppb
Iron	57-2	4.40	4.84	5.04	4.76	6.86	ppb
Lead	206-1	0.07	0.06	0.06	0.06	9.01	ppb
Lead	207-1	0.08	0.06	0.05	0.06	23.77	ppb
Lead	208-1	0.07	0.05	0.05	0.06	15.57	ppb
Lithium	6-1				94		%
Magnesium	24-2	3.04	2.12	2.56	2.57	18.02	ppb
Manganese	55-2	0.01	0.01	0.02	0.01	58.75	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:31:39	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.14	1.00	0.86	1.00	13.80	ppb
Molybdenum	95-1	1.34	1.09	1.04	1.16	14.08	ppb
Molybdenum	96-1	1.33	1.13	0.98	1.15	15.02	ppb
Molybdenum	97-1	1.27	1.16	1.06	1.16	8.79	ppb
Molybdenum	98-1	1.30	1.10	0.98	1.13	14.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.01	0.00	313.57	ppb
Phosphorus	31-2	0.78	-14.50	-21.67	-11.80		ppb
Potassium	39-2	16.56	14.03	15.70	15.43	8.33	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	-0.15	0.71	0.28	0.28	155.05	ppb
Selenium	78-2	-1.35	-0.98	-0.75	-1.03		ppb
Selenium	82-1	0.57	0.78	-0.02	0.45	92.66	ppb
Silicon	28-1	-8.24	-9.03	-9.21	-8.83		ppb
Silver	109-1	0.02	0.01	0.02	0.02	17.76	ppb
Silver	107-1	0.03	0.02	0.02	0.02	15.47	ppb
Sodium	23-2	59.04	58.17	58.30	58.50	0.81	ppb
Strontium	86-1	-0.01	0.04	-0.01	0.01	355.45	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	14.88	ppb
Sulfur	34-1	-805.12	-1099.16	-979.14	-961.14		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.26	0.21	0.21	0.23	13.74	ppb
Thallium	205-1	0.25	0.23	0.21	0.23	10.32	ppb
Tin	118-1	0.45	0.39	0.39	0.41	8.81	ppb
Titanium	47-1	0.13	0.29	0.16	0.20	43.61	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	8.21	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	0.03	0.07	0.10	0.06	56.23	ppb
Zirconium	90-1	0.15	0.16	0.13	0.15	11.97	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:31:39	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.15	0.15	0.15	0.73	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1242-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MF6B50	Dilution Factor :	2
Date & Time Acquired ::	2018-01-30 16:22:05	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7876.81	7936.30	7860.26	7891.12	0.51	ppb
Antimony	121-1	0.09	0.09	0.10	0.10	6.45	ppb
Arsenic	75-2	4.06	4.06	4.30	4.14	3.28	ppb
Barium	135-1	295.56	295.45	293.05	294.69	0.48	ppb
Barium	137-1	295.23	295.75	293.52	294.83	0.40	ppb
Beryllium	9-1	0.97	1.11	1.11	1.06	7.42	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	2.02	3.02	2.40	2.48	20.29	ppb
Boron	11-1	2.16	2.38	2.03	2.19	7.97	ppb
Cadmium	111-1	0.03	0.06	0.05	0.04	36.57	ppb
Cadmium	106-1	-2.17	-1.94	-2.33	-2.15		ppb
Cadmium	108-1	0.29	0.19	0.33	0.27	27.74	ppb
Calcium	43-1	40723.13	40474.91	39762.42	40320.16	1.24	ppb
Calcium	44-1	41477.64	41113.65	40314.06	40968.45	1.45	ppb
Chromium	52-2	11.81	11.81	11.87	11.83	0.32	ppb
Cobalt	59-2	9.47	9.42	9.43	9.44	0.30	ppb
Copper	63-2	18.14	18.31	17.95	18.13	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				110		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	10072.70	10059.59	10067.49	10066.59	0.07	ppb
Iron	57-2	9949.94	9961.02	9972.30	9961.09	0.11	ppb
Lead	206-1	19.39	18.98	18.72	19.03	1.78	ppb
Lead	207-1	17.11	16.83	16.77	16.90	1.06	ppb
Lead	208-1	18.00	17.74	17.48	17.74	1.44	ppb
Lithium	6-1				92		%
Magnesium	24-2	6610.72	6635.75	6614.87	6620.45	0.20	ppb
Manganese	55-2	517.20	515.78	516.34	516.44	0.14	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1242-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MF6B50	Dilution Factor :	2
Date & Time Acquired ::	2018-01-30 16:22:05	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.82	1.80	1.76	1.79	1.82	ppb
Molybdenum	95-1	0.09	0.08	0.10	0.09	11.74	ppb
Molybdenum	96-1	0.34	0.32	0.28	0.31	10.78	ppb
Molybdenum	97-1	0.06	0.06	0.03	0.05	33.09	ppb
Molybdenum	98-1	0.08	0.07	0.08	0.08	5.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.82	23.92	23.58	23.77	0.72	ppb
Phosphorus	31-2	235.33	203.68	638.29	359.10	67.48	ppb
Potassium	39-2	1245.86	1226.93	1231.03	1234.60	0.81	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	77-2	15.76	19.74	19.17	18.22	11.79	ppb
Selenium	78-2	0.51	0.95	0.82	0.76	29.75	ppb
Selenium	82-1	0.34	1.02	1.40	0.92	58.26	ppb
Silicon	28-1	1434.86	1430.95	1387.28	1417.69	1.86	ppb
Silver	109-1	0.06	0.07	0.06	0.06	7.01	ppb
Silver	107-1	0.05	0.06	0.06	0.06	11.54	ppb
Sodium	23-2	415.01	418.49	422.10	418.54	0.85	ppb
Strontium	86-1	53.31	53.20	52.59	53.04	0.73	ppb
Strontium	88-1	53.68	53.62	52.48	53.26	1.27	ppb
Sulfur	34-1	-752.61	-740.06	-979.52	-824.06		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.28	0.31	0.28	0.29	4.52	ppb
Thallium	205-1	0.30	0.29	0.29	0.29	1.91	ppb
Tin	118-1	0.65	0.63	0.63	0.64	2.14	ppb
Titanium	47-1	13.66	13.71	12.85	13.41	3.61	ppb
Uranium	238-1	0.64	0.65	0.63	0.64	2.13	ppb
Vanadium	51-2	13.70	13.37	13.53	13.54	1.23	ppb
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	55.66	55.48	55.24	55.46	0.38	ppb
Zirconium	90-1	1.05	1.11	1.08	1.08	3.04	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1242-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MF6B50	Dilution Factor :	2
Date & Time Acquired ::	2018-01-30 16:22:05	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.09	1.09	1.14	1.11	2.43	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:40:11	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50130.69	50439.62	50127.88	50232.73	0.36	ppb
Antimony	121-1	508.51	506.36	507.20	507.35	0.21	ppb
Arsenic	75-2	500.89	510.53	505.31	505.58	0.95	ppb
Barium	135-1	2593.53	2545.54	2567.51	2568.86	0.94	ppb
Barium	137-1	2606.01	2554.72	2575.00	2578.58	1.00	ppb
Beryllium	9-1	529.91	518.33	517.46	521.90	1.33	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	531.73	520.72	533.23	528.56	1.29	ppb
Boron	11-1	535.96	536.54	537.22	536.58	0.12	ppb
Cadmium	111-1	501.37	495.13	495.50	497.33	0.70	ppb
Cadmium	106-1	500.69	502.31	496.86	499.95	0.56	ppb
Cadmium	108-1	500.21	495.76	500.08	498.69	0.51	ppb
Calcium	43-1	253809.79	250517.92	252164.29	252164.00	0.65	ppb
Calcium	44-1	254218.65	251278.05	252142.37	252546.35	0.60	ppb
Chromium	52-2	509.21	511.69	511.46	510.79	0.27	ppb
Cobalt	59-2	490.47	493.55	491.10	491.70	0.33	ppb
Copper	63-2	963.36	969.40	974.33	969.03	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	127685.68	128029.53	127499.50	127738.24	0.21	ppb
Iron	57-2	127298.06	127949.65	127723.40	127657.04	0.26	ppb
Lead	206-1	521.73	522.60	521.50	521.94	0.11	ppb
Lead	207-1	518.00	511.86	516.77	515.54	0.63	ppb
Lead	208-1	523.99	519.94	521.96	521.96	0.39	ppb
Lithium	6-1				89		%
Magnesium	24-2	254086.32	256001.28	254157.89	254748.50	0.43	ppb
Manganese	55-2	996.80	1004.29	1001.16	1000.75	0.38	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:40:11	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2614.07	2553.15	2568.46	2578.56	1.23	ppb
Molybdenum	95-1	2604.22	2557.16	2567.99	2576.46	0.96	ppb
Molybdenum	96-1	2604.70	2560.07	2571.16	2578.64	0.90	ppb
Molybdenum	97-1	2604.54	2544.68	2577.31	2575.51	1.16	ppb
Molybdenum	98-1	2622.06	2546.40	2579.37	2582.61	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.20	495.85	491.46	493.50	0.45	ppb
Phosphorus	31-2	9946.93	10035.02	10234.56	10072.17	1.46	ppb
Potassium	39-2	126613.38	127875.40	127416.31	127301.70	0.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	469.65	498.46	468.01	478.71	3.58	ppb
Selenium	78-2	486.57	492.16	484.88	487.87	0.78	ppb
Selenium	82-1	502.30	494.03	493.82	496.72	0.97	ppb
Silicon	28-1	537.32	537.86	543.12	539.43	0.59	ppb
Silver	109-1	499.85	485.23	490.77	491.95	1.50	ppb
Silver	107-1	499.17	490.87	493.44	494.49	0.86	ppb
Sodium	23-2	256436.04	259675.83	256504.39	257538.75	0.72	ppb
Strontium	86-1	528.76	517.28	522.96	523.00	1.10	ppb
Strontium	88-1	535.21	525.47	530.27	530.32	0.92	ppb
Sulfur	34-1	10608.75	9902.73	9937.27	10149.58	3.92	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	524.12	521.09	520.92	522.04	0.34	ppb
Thallium	205-1	528.55	526.99	531.42	528.99	0.42	ppb
Tin	118-1	505.26	504.16	507.26	505.56	0.31	ppb
Titanium	47-1	2570.72	2533.28	2539.39	2547.80	0.79	ppb
Uranium	238-1	526.02	517.71	523.87	522.54	0.83	ppb
Vanadium	51-2	509.21	510.20	509.79	509.74	0.10	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	961.00	963.72	962.03	962.25	0.14	ppb
Zirconium	90-1	523.15	514.78	517.08	518.34	0.83	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:40:11	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	516.96	508.23	513.76	512.98	0.86	ppb

LB Number : LB93008 Operator : Jaswal
 Lab Sample ID : CCB013 Instrumnet Name : P7
 Client Sample ID : CCB013 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 16:45:06 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.42	0.95	0.08	0.48	91.24	ppb
Antimony	121-1	0.89	0.79	0.76	0.81	8.35	ppb
Arsenic	75-2	0.06	0.05	0.02	0.04	45.07	ppb
Barium	135-1	0.02	0.01	0.02	0.02	19.95	ppb
Barium	137-1	0.02	0.02	0.02	0.02	9.23	ppb
Beryllium	9-1	0.11	0.10	0.09	0.10	5.46	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	8.13	8.05	6.98	7.72	8.29	ppb
Boron	11-1	8.08	7.22	7.63	7.64	5.59	ppb
Cadmium	111-1	-0.16	-0.24	-0.22	-0.21		ppb
Cadmium	106-1	-2.16	-3.21	-2.94	-2.77		ppb
Cadmium	108-1	-0.08	0.04	0.09	0.01	694.71	ppb
Calcium	43-1	1.07	3.35	5.25	3.23	64.81	ppb
Calcium	44-1	-0.64	-0.08	-0.67	-0.46		ppb
Chromium	52-2	0.02	0.02	0.00	0.02	60.87	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00		ppb
Copper	63-2	-0.61	-0.58	-0.62	-0.60		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	4.19	4.05	3.68	3.97	6.68	ppb
Iron	57-2	3.76	3.29	3.88	3.64	8.55	ppb
Lead	206-1	0.06	0.07	0.07	0.07	3.80	ppb
Lead	207-1	0.05	0.04	0.04	0.04	16.93	ppb
Lead	208-1	0.06	0.05	0.05	0.05	7.53	ppb
Lithium	6-1				92		%
Magnesium	24-2	2.21	1.72	1.09	1.67	33.57	ppb
Manganese	55-2	0.00	0.00	0.01	0.00	96.65	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:45:06	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.66	0.64	0.58	0.63	6.87	ppb
Molybdenum	95-1	0.67	0.64	0.63	0.65	3.44	ppb
Molybdenum	96-1	0.71	0.58	0.62	0.64	10.88	ppb
Molybdenum	97-1	0.64	0.57	0.57	0.59	6.38	ppb
Molybdenum	98-1	0.63	0.62	0.57	0.61	5.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-8.08	0.82	-20.61	-9.29		ppb
Potassium	39-2	15.37	15.64	8.98	13.33	28.29	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	77-2	-0.15	0.70	0.26	0.27	158.64	ppb
Selenium	78-2	-1.38	-1.31	-1.55	-1.41		ppb
Selenium	82-1	0.34	0.14	0.34	0.27	41.25	ppb
Silicon	28-1	-11.01	-11.36	-11.94	-11.44		ppb
Silver	109-1	0.02	0.01	0.02	0.02	12.73	ppb
Silver	107-1	0.01	0.02	0.02	0.02	28.28	ppb
Sodium	23-2	55.49	54.61	51.15	53.75	4.27	ppb
Strontium	86-1	-0.01	0.00	0.03	0.01	366.21	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	51.35	ppb
Sulfur	34-1	-1283.55	-1418.81	-1523.21	-1408.52		ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	0.17	0.15	0.14	0.15	13.08	ppb
Thallium	205-1	0.16	0.16	0.13	0.15	11.49	ppb
Tin	118-1	0.26	0.25	0.19	0.23	17.07	ppb
Titanium	47-1	0.14	0.09	0.12	0.12	18.94	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.43	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	0.09	0.10	0.19	0.13	42.33	ppb
Zirconium	90-1	0.13	0.12	0.12	0.12	6.55	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:45:06	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.13	0.13	0.14	6.03	ppb

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 11:48:03	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	58	83	53	63.81	cps
Antimony	121-1	92	83	117	97	17.84	cps
Arsenic	75-2	4	6	9	6	45.85	cps
Barium	135-1	33	17	8	19	65.47	cps
Barium	137-1	17	58	58	44	54.12	cps
Beryllium	9-1	22	28	44	31	36.74	cps
Bismuth	209-1	9437349	9407134	9200985	9348489	1.38	cps
Bismuth	209-2	6626612	6781825	6690880	6699772	1.16	cps
Boron	10-1	33	92	67	64	45.81	cps
Boron	11-1	358	400	400	386	6.23	cps
Cadmium	111-1	2598	2753	2729	2693	3.11	cps
Cadmium	106-1	3717	3884	3926	3842	2.87	cps
Cadmium	108-1	13	4	33	17	90.12	cps
Calcium	43-1	158	192	183	178	9.76	cps
Calcium	44-1	9203	9062	9036	9100	0.99	cps
Chromium	52-2	370	347	330	349	5.76	cps
Cobalt	59-2	100	83	113	99	15.20	cps
Copper	63-2	4731	4738	4547	4672	2.31	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	50	17	17	28	69.27	cps
Erbium	164-2	23	27	23	24	7.89	cps
Gadolinium	160-1	42	67	42	50	28.87	cps
Gadolinium	160-2	97	137	117	117	17.14	cps
Holmium	165-1	14976072	14751739	14502025	14743279	1.61	cps
Holmium	165-2	8912841	9112292	8969061	8998065	1.14	cps
Indium	115-1	12372251	12172861	12038481	12194531	1.38	cps
Indium	115-2	2838837	2906748	2863903	2869830	1.20	cps
Iron	56-2	3023	3173	2928	3041	4.05	cps
Iron	57-2	178	206	194	193	7.26	cps
Lead	206-1	283	383	261	309	21.05	cps
Lead	207-1	306	206	272	261	19.50	cps
Lead	208-1	1389	1356	1306	1350	3.11	cps
Lithium	6-1	2040404	2022483	1994819	2019235	1.14	cps
Magnesium	24-2	275	358	242	292	20.60	cps
Manganese	55-2	70	77	90	79	12.91	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 11:48:03	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	275	275	275	275	0.00	cps
Molybdenum	95-1	83	58	58	67	21.65	cps
Molybdenum	96-1	100	75	183	119	47.49	cps
Molybdenum	97-1	58	92	67	72	24.02	cps
Molybdenum	98-1	50	117	75	81	41.81	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	20	60	30	37	56.77	cps
Phosphorus	31-2	317	258	217	264	19.04	cps
Potassium	39-2	36003	35268	36145	35805	1.31	cps
Rhodium	103-1	11496753	11348463	11164444	11336553	1.47	cps
Rhodium	103-2	6017094	6097542	6027145	6047260	0.72	cps
Scandium	45-1	7483559	7427735	7145914	7352403	2.46	cps
Scandium	45-2	374103	386750	382354	381069	1.68	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	180	91	94	122	41.37	cps
Selenium	82-1	-27	-81	8	-33	-133.87	cps
Silicon	28-1	302296	302974	305411	303560	0.54	cps
Silver	109-1	75	83	42	67	33.07	cps
Silver	107-1	92	83	83	86	5.58	cps
Sodium	23-2	17110	17736	17402	17416	1.80	cps
Strontium	86-1	417	533	425	458	14.20	cps
Strontium	88-1	133	142	167	147	11.78	cps
Sulfur	34-1	287601	287123	290854	288526	0.70	cps
Terbium	159-1	15578564	15373484	15231532	15394527	1.13	cps
Terbium	159-2	8992761	9124002	8975414	9030725	0.90	cps
Thallium	203-1	142	158	100	133	22.54	cps
Thallium	205-1	325	400	275	333	18.87	cps
Tin	118-1	1158	1100	1350	1203	10.88	cps
Titanium	47-1	67	125	75	89	35.50	cps
Uranium	238-1	108	100	92	100	8.33	cps
Vanadium	51-2	10	13	30	18	60.28	cps
Yttrium	89-1	12798433	12545138	12449233	12597601	1.43	cps
Yttrium	89-2	2126459	2165179	2138344	2143327	0.93	cps
Zinc	66-2	167	153	150	157	5.63	cps
Zirconium	90-1	642	733	758	711	8.64	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 11:48:03	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	150	217	144	52.03	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 11:56:12	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1975	1909	2100	1995	4.88	cps
Antimony	121-1	17428	16652	16752	16944	2.49	cps
Arsenic	75-2	304	350	313	322	7.60	cps
Barium	135-1	20791	19765	21292	20616	3.78	cps
Barium	137-1	35605	37000	36432	36346	1.93	cps
Beryllium	9-1	1217	1350	1378	1315	6.55	cps
Bismuth	209-1	9018148	9144464	9268480	9143697	1.37	cps
Bismuth	209-2	6536039	7043274	6654300	6744537	3.93	cps
Boron	10-1	3309	3392	3309	3337	1.44	cps
Boron	11-1	16326	16668	16309	16435	1.23	cps
Cadmium	111-1	4606	4554	4665	4609	1.21	cps
Cadmium	106-1	3701	3876	3867	3815	2.59	cps
Cadmium	108-1	192	150	138	160	17.76	cps
Calcium	43-1	12347	12289	11713	12117	2.89	cps
Calcium	44-1	204731	202089	203127	203316	0.65	cps
Chromium	52-2	6368	6535	6405	6436	1.36	cps
Cobalt	59-2	4724	4941	4921	4862	2.46	cps
Copper	63-2	11515	11528	11321	11455	1.01	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	17	10	3	10	66.70	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	30	27	27	28	6.92	cps
Gadolinium	160-1	58	33	42	44	28.65	cps
Gadolinium	160-2	147	137	110	131	14.46	cps
Holmium	165-1	14406189	14716722	14731526	14618146	1.26	cps
Holmium	165-2	8931592	9474868	8955570	9120677	3.37	cps
Indium	115-1	12051126	12170314	12254243	12158561	0.84	cps
Indium	115-2	2841120	3031126	2883230	2918492	3.42	cps
Iron	56-2	126350	124859	125105	125438	0.64	cps
Iron	57-2	3162	3289	3150	3200	2.41	cps
Lead	206-1	6596	6974	6741	6770	2.82	cps
Lead	207-1	6102	5651	6113	5955	4.42	cps
Lead	208-1	27262	27585	28190	27679	1.70	cps
Lithium	6-1	1970850	2011417	2015132	1999133	1.23	cps
Magnesium	24-2	105612	108223	108465	107433	1.47	cps
Manganese	55-2	1737	1753	1853	1781	3.54	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 11:56:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17036	17687	16435	17053	3.67	cps
Molybdenum	95-1	20515	19956	21166	20546	2.95	cps
Molybdenum	96-1	22610	22677	23136	22808	1.25	cps
Molybdenum	97-1	13048	12990	12990	13009	0.26	cps
Molybdenum	98-1	33349	34183	34844	34125	2.20	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1337	1290	1323	1317	1.83	cps
Phosphorus	31-2	383	325	333	347	9.09	cps
Potassium	39-2	142310	145530	144429	144090	1.14	cps
Rhodium	103-1	11232885	11301196	11429165	11321082	0.88	cps
Rhodium	103-2	5994196	6337207	6066083	6132495	2.95	cps
Scandium	45-1	7343698	7432386	7480824	7418969	0.94	cps
Scandium	45-2	377067	407786	385220	390025	4.08	cps
Selenium	77-2	50	27	40	39	30.10	cps
Selenium	78-2	202	241	222	222	8.78	cps
Selenium	82-1	686	612	587	628	8.21	cps
Silicon	28-1	374781	372126	370992	372633	0.52	cps
Silver	109-1	10104	9754	10096	9984	2.00	cps
Silver	107-1	10062	10621	10788	10490	3.62	cps
Sodium	23-2	214317	216567	216679	215855	0.62	cps
Strontium	86-1	3159	3409	3117	3228	4.89	cps
Strontium	88-1	24271	24639	24305	24405	0.83	cps
Sulfur	34-1	291439	289700	292766	291302	0.53	cps
Terbium	159-1	15127338	15197512	15352887	15225912	0.76	cps
Terbium	159-2	9009751	9505992	9050860	9188868	3.00	cps
Thallium	203-1	7994	7911	8094	8000	1.15	cps
Thallium	205-1	18889	19148	18555	18864	1.57	cps
Tin	118-1	35830	36264	35045	35713	1.73	cps
Titanium	47-1	5410	5751	5760	5640	3.54	cps
Uranium	238-1	26829	26544	26595	26656	0.57	cps
Vanadium	51-2	11762	11425	11425	11537	1.69	cps
Yttrium	89-1	12550851	12631419	12727138	12636469	0.70	cps
Yttrium	89-2	2132743	2258575	2163132	2184817	3.01	cps
Zinc	66-2	1220	1117	1230	1189	5.28	cps
Zirconium	90-1	14733	14625	14625	14661	0.43	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 11:56:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3176	2892	3109	3059	4.84	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:00:03	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102651	102710	101561	102307	0.63	cps
Antimony	121-1	459775	465792	464356	463308	0.68	cps
Arsenic	75-2	17481	17233	17177	17297	0.94	cps
Barium	135-1	570646	573200	575772	573206	0.45	cps
Barium	137-1	1006894	1006543	1004711	1006049	0.12	cps
Beryllium	9-1	71217	71451	69648	70772	1.39	cps
Bismuth	209-1	9323303	9238650	9159928	9240627	0.88	cps
Bismuth	209-2	6471424	6101350	6740795	6437856	4.99	cps
Boron	10-1	7027	7477	7619	7374	4.19	cps
Boron	11-1	34340	35502	36787	35543	3.44	cps
Cadmium	111-1	114471	113719	113879	114023	0.35	cps
Cadmium	106-1	14942	15217	14850	15003	1.27	cps
Cadmium	108-1	8132	8211	8136	8159	0.55	cps
Calcium	43-1	130623	133540	132455	132206	1.12	cps
Calcium	44-1	2171927	2173006	2163776	2169570	0.23	cps
Chromium	52-2	155264	155338	154866	155156	0.16	cps
Cobalt	59-2	250887	254181	251851	252306	0.67	cps
Copper	63-2	375639	374638	372043	374106	0.50	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	10	10	17	12	31.50	cps
Erbium	164-1	42	67	50	53	24.12	cps
Erbium	164-2	17	17	30	21	36.45	cps
Gadolinium	160-1	67	75	33	58	37.80	cps
Gadolinium	160-2	93	123	160	126	26.59	cps
Holmium	165-1	14765611	14718434	14780699	14754915	0.22	cps
Holmium	165-2	8832689	8332963	9070650	8745434	4.31	cps
Indium	115-1	12164327	12186413	12139029	12163256	0.19	cps
Indium	115-2	2801189	2629605	2885602	2772132	4.71	cps
Iron	56-2	6653135	6640781	6622622	6638846	0.23	cps
Iron	57-2	161933	161449	163623	162335	0.70	cps
Lead	206-1	349348	345903	346298	347183	0.54	cps
Lead	207-1	317321	317648	314723	316564	0.51	cps
Lead	208-1	1436911	1423584	1417535	1426010	0.70	cps
Lithium	6-1	2005341	1984505	1983101	1990982	0.63	cps
Magnesium	24-2	1160218	1165982	1156663	1160955	0.41	cps
Manganese	55-2	184504	183461	182283	183416	0.61	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:00:03	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	939990	939396	942216	940534	0.16	cps
Molybdenum	95-1	1162791	1166606	1164518	1164638	0.16	cps
Molybdenum	96-1	1279806	1289727	1283855	1284462	0.39	cps
Molybdenum	97-1	720859	722350	719269	720826	0.21	cps
Molybdenum	98-1	1841731	1846857	1856974	1848521	0.42	cps
Neodymium	150-1	67	33	47	49	34.32	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	66975	68312	65603	66963	2.02	cps
Phosphorus	31-2	5585	5685	5510	5593	1.57	cps
Potassium	39-2	625052	628342	615105	622833	1.11	cps
Rhodium	103-1	11279287	11247021	11244948	11257085	0.17	cps
Rhodium	103-2	5892948	5484730	6031887	5803188	4.90	cps
Scandium	45-1	7404976	7353415	7325882	7361425	0.55	cps
Scandium	45-2	369527	350301	382109	367312	4.36	cps
Selenium	77-2	427	403	393	408	4.19	cps
Selenium	78-2	1385	1330	1330	1348	2.38	cps
Selenium	82-1	6961	6880	6822	6888	1.02	cps
Silicon	28-1	612311	616968	619436	616239	0.59	cps
Silver	109-1	547494	548435	548853	548261	0.13	cps
Silver	107-1	568928	569876	564423	567742	0.51	cps
Sodium	23-2	2169208	2181590	2162947	2171248	0.44	cps
Strontium	86-1	149789	152441	150683	150971	0.89	cps
Strontium	88-1	1317568	1332779	1323611	1324653	0.58	cps
Sulfur	34-1	326210	322822	321528	323520	0.75	cps
Terbium	159-1	15357583	15424473	15309244	15363767	0.38	cps
Terbium	159-2	8892487	8374162	9137457	8801369	4.43	cps
Thallium	203-1	431497	432229	433982	432569	0.30	cps
Thallium	205-1	1014794	1012283	1011260	1012779	0.18	cps
Tin	118-1	380175	383253	381968	381799	0.40	cps
Titanium	47-1	314403	311763	312046	312737	0.46	cps
Uranium	238-1	1520326	1506829	1503077	1510077	0.60	cps
Vanadium	51-2	127188	128355	127367	127637	0.49	cps
Yttrium	89-1	12679440	12657519	12637637	12658199	0.17	cps
Yttrium	89-2	2104818	1963562	2163262	2077214	4.94	cps
Zinc	66-2	50417	50999	50005	50474	0.99	cps
Zirconium	90-1	787183	789868	788893	788648	0.17	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:00:03	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	174837	176213	179451	176834	1.34	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:04:07	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	256503	253345	254283	254710	0.64	cps
Antimony	121-1	1166140	1183817	1179411	1176456	0.78	cps
Arsenic	75-2	43169	43284	43156	43203	0.16	cps
Barium	135-1	1453481	1447841	1462745	1454689	0.52	cps
Barium	137-1	2558024	2552063	2551018	2553702	0.15	cps
Beryllium	9-1	171435	170620	172350	171469	0.50	cps
Bismuth	209-1	9309147	9361908	9282994	9318016	0.43	cps
Bismuth	209-2	6688714	6731266	6749128	6723036	0.46	cps
Boron	10-1	18804	18345	18387	18512	1.37	cps
Boron	11-1	86732	88382	88987	88034	1.33	cps
Cadmium	111-1	281939	281236	279981	281052	0.35	cps
Cadmium	106-1	33407	33491	33891	33596	0.77	cps
Cadmium	108-1	21145	20674	20720	20846	1.25	cps
Calcium	43-1	332925	329716	328416	330352	0.70	cps
Calcium	44-1	5401283	5395121	5390559	5395654	0.10	cps
Chromium	52-2	382670	385895	383454	384006	0.44	cps
Cobalt	59-2	621444	622395	624354	622731	0.24	cps
Copper	63-2	909477	911173	915791	912147	0.36	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	33	50	83	56	45.83	cps
Erbium	164-2	33	33	30	32	5.97	cps
Gadolinium	160-1	58	67	67	64	7.53	cps
Gadolinium	160-2	140	110	110	120	14.43	cps
Holmium	165-1	14906084	14824530	14784861	14838492	0.42	cps
Holmium	165-2	9124438	9155133	9216637	9165403	0.51	cps
Indium	115-1	12221102	12218332	12172902	12204112	0.22	cps
Indium	115-2	2890182	2879571	2888357	2886037	0.20	cps
Iron	56-2	16508792	16514790	16604966	16542849	0.33	cps
Iron	57-2	401476	401498	406972	403315	0.79	cps
Lead	206-1	875565	880588	882468	879540	0.41	cps
Lead	207-1	796234	805708	801906	801283	0.59	cps
Lead	208-1	3604427	3632583	3625184	3620731	0.40	cps
Lithium	6-1	1952369	1935685	1938480	1942178	0.46	cps
Magnesium	24-2	2841793	2837298	2854535	2844542	0.31	cps
Manganese	55-2	455227	455696	458504	456476	0.39	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:04:07	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2377246	2373418	2367964	2372876	0.20	cps
Molybdenum	95-1	2928894	2923931	2925294	2926040	0.09	cps
Molybdenum	96-1	3233230	3228147	3235279	3232219	0.11	cps
Molybdenum	97-1	1793799	1805552	1805424	1801592	0.37	cps
Molybdenum	98-1	4678101	4715758	4717310	4703723	0.47	cps
Neodymium	150-1	67	107	93	89	22.91	cps
Neodymium	150-2	20	13	20	18	21.66	cps
Nickel	60-2	165252	163671	164622	164515	0.48	cps
Phosphorus	31-2	13615	13173	12781	13190	3.16	cps
Potassium	39-2	1486347	1488040	1493291	1489226	0.24	cps
Rhodium	103-1	11200332	11198645	11186298	11195092	0.07	cps
Rhodium	103-2	5989085	6009523	6032101	6010237	0.36	cps
Scandium	45-1	7336090	7314374	7309556	7320007	0.19	cps
Scandium	45-2	378132	378659	377417	378069	0.16	cps
Selenium	77-2	1040	900	973	971	7.21	cps
Selenium	78-2	3345	3343	3434	3374	1.54	cps
Selenium	82-1	17248	17196	17520	17321	1.00	cps
Silicon	28-1	1109952	1123885	1138926	1124254	1.29	cps
Silver	109-1	1363333	1363538	1372167	1366346	0.37	cps
Silver	107-1	1420979	1432725	1414163	1422622	0.66	cps
Sodium	23-2	5297694	5255065	5307669	5286809	0.53	cps
Strontium	86-1	380044	380131	380873	380349	0.12	cps
Strontium	88-1	3337657	3328305	3337635	3334532	0.16	cps
Sulfur	34-1	368580	364138	364609	365775	0.67	cps
Terbium	159-1	15457911	15529460	15506237	15497869	0.24	cps
Terbium	159-2	9248542	9221498	9254650	9241563	0.19	cps
Thallium	203-1	1079545	1098426	1090226	1089399	0.87	cps
Thallium	205-1	2576302	2585740	2590863	2584302	0.29	cps
Tin	118-1	957810	960242	962016	960023	0.22	cps
Titanium	47-1	771952	772715	774428	773032	0.16	cps
Uranium	238-1	3880379	3897805	3885925	3888036	0.23	cps
Vanadium	51-2	316678	315122	312751	314850	0.63	cps
Yttrium	89-1	12660120	12666561	12600989	12642557	0.29	cps
Yttrium	89-2	2161871	2167161	2163308	2164113	0.13	cps
Zinc	66-2	123033	123688	125523	124082	1.04	cps
Zirconium	90-1	2008054	2012885	1995575	2005504	0.45	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:04:07	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	443677	446179	442687	444181	0.41	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:07:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	499686	497808	501662	499719	0.39	cps
Antimony	121-1	2356128	2379323	2381974	2372475	0.60	cps
Arsenic	75-2	85767	87472	87718	86986	1.22	cps
Barium	135-1	2899274	2922087	2913532	2911631	0.40	cps
Barium	137-1	5118017	5127274	5137414	5127568	0.19	cps
Beryllium	9-1	332527	333788	330202	332172	0.55	cps
Bismuth	209-1	9509865	9155158	9242318	9302447	1.99	cps
Bismuth	209-2	6635364	6836225	6740975	6737521	1.49	cps
Boron	10-1	36621	36962	37247	36943	0.85	cps
Boron	11-1	171943	177158	178102	175734	1.89	cps
Cadmium	111-1	555390	554600	552176	554055	0.30	cps
Cadmium	106-1	62799	61568	61534	61967	1.16	cps
Cadmium	108-1	40357	40078	39931	40122	0.54	cps
Calcium	43-1	653334	645057	651419	649937	0.67	cps
Calcium	44-1	10667939	10722749	10659251	10683313	0.32	cps
Chromium	52-2	756846	762463	763768	761026	0.48	cps
Cobalt	59-2	1230331	1239664	1236620	1235539	0.39	cps
Copper	63-2	1797940	1813708	1810459	1807369	0.46	cps
Dysprosium	156-1	25	50	33	36	35.25	cps
Dysprosium	156-2	27	20	27	24	15.75	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	53	40	30	41	28.47	cps
Gadolinium	160-1	58	58	33	50	28.86	cps
Gadolinium	160-2	167	123	170	153	16.98	cps
Holmium	165-1	15263521	14796780	15105303	15055201	1.58	cps
Holmium	165-2	9199635	9389241	9292927	9293935	1.02	cps
Indium	115-1	12461517	11976417	12168623	12202186	2.00	cps
Indium	115-2	2862628	2948966	2904977	2905524	1.49	cps
Iron	56-2	32682397	32857184	32783624	32774402	0.27	cps
Iron	57-2	799646	803343	800675	801221	0.24	cps
Lead	206-1	1750104	1760450	1762859	1757804	0.39	cps
Lead	207-1	1599484	1603731	1599678	1600964	0.15	cps
Lead	208-1	7208715	7286132	7254227	7249691	0.54	cps
Lithium	6-1	1927997	1889689	1897982	1905223	1.06	cps
Magnesium	24-2	5563004	5549860	5583384	5565416	0.30	cps
Manganese	55-2	907446	910284	908247	908659	0.16	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:07:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4776184	4813596	4780656	4790146	0.43	cps
Molybdenum	95-1	5765126	5778112	5776439	5773225	0.12	cps
Molybdenum	96-1	6359879	6434152	6409686	6401239	0.59	cps
Molybdenum	97-1	3610867	3620621	3604870	3612119	0.22	cps
Molybdenum	98-1	9177979	9285613	9189386	9217659	0.64	cps
Neodymium	150-1	240	180	167	196	19.98	cps
Neodymium	150-2	13	23	33	23	42.86	cps
Nickel	60-2	323592	323719	328110	325140	0.79	cps
Phosphorus	31-2	25957	26666	25656	26093	1.99	cps
Potassium	39-2	2930769	2943260	2934797	2936275	0.22	cps
Rhodium	103-1	11288238	10986014	11062528	11112260	1.41	cps
Rhodium	103-2	5984485	6119088	6047477	6050350	1.11	cps
Scandium	45-1	7464185	7221789	7243927	7309967	1.83	cps
Scandium	45-2	377517	389144	378628	381763	1.68	cps
Selenium	77-2	1863	1843	1950	1886	3.01	cps
Selenium	78-2	6350	6372	6346	6356	0.22	cps
Selenium	82-1	34052	33768	34143	33988	0.58	cps
Silicon	28-1	1950540	1991330	2013366	1985079	1.61	cps
Silver	109-1	2700789	2715668	2689577	2702011	0.48	cps
Silver	107-1	2801648	2800745	2816702	2806365	0.32	cps
Sodium	23-2	10436027	10445145	10408783	10429985	0.18	cps
Strontium	86-1	749645	756674	754052	753457	0.47	cps
Strontium	88-1	6552824	6612722	6564080	6576542	0.48	cps
Sulfur	34-1	433195	433408	431882	432828	0.19	cps
Terbium	159-1	15922235	15372788	15604157	15633060	1.76	cps
Terbium	159-2	9301206	9493022	9381060	9391763	1.03	cps
Thallium	203-1	2184012	2177452	2186859	2182774	0.22	cps
Thallium	205-1	5190795	5230824	5234821	5218813	0.47	cps
Tin	118-1	1911945	1918198	1917914	1916019	0.18	cps
Titanium	47-1	1525455	1540451	1538355	1534754	0.53	cps
Uranium	238-1	7677359	7789909	7747592	7738287	0.73	cps
Vanadium	51-2	624080	631817	630544	628814	0.66	cps
Yttrium	89-1	12911189	12518454	12679363	12703002	1.55	cps
Yttrium	89-2	2156733	2219637	2174561	2183644	1.48	cps
Zinc	66-2	245284	246031	245579	245631	0.15	cps
Zirconium	90-1	4014254	4035952	4067027	4039077	0.66	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:07:53	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	893108	891021	896242	893457	0.29	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:11:37	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1002263	1013731	1002213	1006069	0.66	cps
Antimony	121-1	4859705	4865222	4879845	4868257	0.21	cps
Arsenic	75-2	175525	176338	175414	175759	0.29	cps
Barium	135-1	6044789	5981815	6005774	6010793	0.53	cps
Barium	137-1	10414505	10404662	10367293	10395486	0.24	cps
Beryllium	9-1	651827	659215	655596	655546	0.56	cps
Bismuth	209-1	9186009	9379648	9270087	9278581	1.05	cps
Bismuth	209-2	6868036	6406690	6711458	6662061	3.52	cps
Boron	10-1	70088	72457	73722	72089	2.56	cps
Boron	11-1	339168	341441	349892	343500	1.65	cps
Cadmium	111-1	1117468	1117487	1121260	1118738	0.20	cps
Cadmium	106-1	122954	122744	123299	122999	0.23	cps
Cadmium	108-1	81923	82103	82924	82316	0.65	cps
Calcium	43-1	1322448	1317841	1317489	1319259	0.21	cps
Calcium	44-1	21693081	21706965	21680741	21693596	0.06	cps
Chromium	52-2	1529539	1543512	1547286	1540112	0.61	cps
Cobalt	59-2	2473504	2500904	2477997	2484135	0.59	cps
Copper	63-2	3609838	3648465	3633478	3630594	0.54	cps
Dysprosium	156-1	92	83	100	92	9.09	cps
Dysprosium	156-2	63	73	40	59	29.05	cps
Erbium	164-1	58	125	33	72	65.61	cps
Erbium	164-2	17	37	53	36	51.62	cps
Gadolinium	160-1	67	117	100	94	26.96	cps
Gadolinium	160-2	137	163	133	144	11.38	cps
Holmium	165-1	15103833	15350183	15196387	15216801	0.82	cps
Holmium	165-2	9543698	9134615	9438319	9372211	2.27	cps
Indium	115-1	12213936	12350464	12253064	12272488	0.57	cps
Indium	115-2	2965162	2830750	2921649	2905854	2.36	cps
Iron	56-2	66309135	66290883	65871601	66157207	0.37	cps
Iron	57-2	1603897	1628994	1617709	1616867	0.78	cps
Lead	206-1	3512678	3496914	3539165	3516253	0.61	cps
Lead	207-1	3215562	3228799	3211452	3218605	0.28	cps
Lead	208-1	14480560	14480912	14546568	14502680	0.26	cps
Lithium	6-1	1854487	1889264	1866069	1869940	0.95	cps
Magnesium	24-2	11116901	11217779	11212273	11182318	0.51	cps
Manganese	55-2	1835633	1847816	1830374	1837941	0.49	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:11:37	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9762139	9719064	9736115	9739106	0.22	cps
Molybdenum	95-1	11909953	11820881	11901551	11877462	0.41	cps
Molybdenum	96-1	13164092	13155090	13216184	13178456	0.25	cps
Molybdenum	97-1	7425098	7414201	7426597	7421965	0.09	cps
Molybdenum	98-1	19029874	18995144	19089595	19038204	0.25	cps
Neodymium	150-1	413	320	360	364	12.85	cps
Neodymium	150-2	30	57	67	51	37.09	cps
Nickel	60-2	644482	651409	644494	646795	0.62	cps
Phosphorus	31-2	52259	52987	51465	52237	1.46	cps
Potassium	39-2	5882535	5882737	5828033	5864435	0.54	cps
Rhodium	103-1	11093565	11304573	11194259	11197466	0.94	cps
Rhodium	103-2	6127332	5844939	6026495	5999589	2.39	cps
Scandium	45-1	7329936	7518826	7344141	7397634	1.42	cps
Scandium	45-2	391880	374142	385453	383825	2.34	cps
Selenium	77-2	3867	3791	3804	3821	1.07	cps
Selenium	78-2	12989	12910	12639	12846	1.43	cps
Selenium	82-1	68939	68497	68952	68796	0.38	cps
Silicon	28-1	3774166	3847481	3873327	3831658	1.34	cps
Silver	109-1	5503032	5485488	5526994	5505171	0.38	cps
Silver	107-1	5712585	5748738	5765008	5742110	0.47	cps
Sodium	23-2	20869533	20949940	20907428	20908967	0.19	cps
Strontium	86-1	1530908	1531900	1552691	1538500	0.80	cps
Strontium	88-1	13407508	13432162	13471927	13437199	0.24	cps
Sulfur	34-1	601722	601225	601095	601347	0.06	cps
Terbium	159-1	15775812	16011939	15906984	15898245	0.74	cps
Terbium	159-2	9639353	9181116	9465103	9428524	2.45	cps
Thallium	203-1	4413199	4423141	4411437	4415926	0.14	cps
Thallium	205-1	10306608	10228834	10304276	10279906	0.43	cps
Tin	118-1	3918763	3897100	3921753	3912539	0.34	cps
Titanium	47-1	3117189	3159756	3133510	3136818	0.68	cps
Uranium	238-1	15743882	15727399	15698623	15723301	0.15	cps
Vanadium	51-2	1271283	1284614	1270039	1275312	0.63	cps
Yttrium	89-1	12827147	13025406	12939139	12930564	0.77	cps
Yttrium	89-2	2243096	2140893	2213598	2199196	2.39	cps
Zinc	66-2	491436	493132	487482	490683	0.59	cps
Zirconium	90-1	8228386	8146545	8240200	8205044	0.62	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:11:37	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1826643	1825078	1830224	1827315	0.14	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:15:18	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1974827	1973020	1977390	1975079	0.11	cps
Antimony	121-1	9593168	9542712	9467991	9534624	0.66	cps
Arsenic	75-2	341309	342165	343591	342355	0.34	cps
Barium	135-1	11806947	11747154	11705132	11753077	0.44	cps
Barium	137-1	20579930	20590047	20491048	20553675	0.27	cps
Beryllium	9-1	1279409	1276814	1268241	1274822	0.46	cps
Bismuth	209-1	9118091	9470638	9454962	9347897	2.13	cps
Bismuth	209-2	6459072	6644648	6570813	6558178	1.42	cps
Boron	10-1	141144	143255	144863	143087	1.30	cps
Boron	11-1	670281	686689	696605	684525	1.94	cps
Cadmium	111-1	2165121	2163963	2157744	2162276	0.18	cps
Cadmium	106-1	232247	233129	232604	232660	0.19	cps
Cadmium	108-1	161284	158958	158486	159576	0.94	cps
Calcium	43-1	2637109	2608257	2604525	2616631	0.68	cps
Calcium	44-1	43179997	42857462	42647479	42894979	0.63	cps
Chromium	52-2	3007384	3038901	3017562	3021282	0.53	cps
Cobalt	59-2	4846690	4857845	4878860	4861131	0.34	cps
Copper	63-2	6952188	6926652	6927430	6935424	0.21	cps
Dysprosium	156-1	108	133	167	136	21.50	cps
Dysprosium	156-2	100	110	87	99	11.84	cps
Erbium	164-1	42	67	83	64	32.83	cps
Erbium	164-2	33	47	37	39	17.85	cps
Gadolinium	160-1	150	125	133	136	9.35	cps
Gadolinium	160-2	157	153	110	140	18.60	cps
Holmium	165-1	15262444	15746506	15597616	15535522	1.60	cps
Holmium	165-2	9311852	9473186	9329949	9371663	0.94	cps
Indium	115-1	12052597	12465411	12333341	12283783	1.72	cps
Indium	115-2	2794666	2877263	2840852	2837594	1.46	cps
Iron	56-2	129272083	129368970	129630414	129423822	0.14	cps
Iron	57-2	3172185	3171008	3189115	3177436	0.32	cps
Lead	206-1	6971692	6933373	6907642	6937569	0.46	cps
Lead	207-1	6408208	6445733	6390852	6414931	0.44	cps
Lead	208-1	28754070	28736221	28531159	28673817	0.43	cps
Lithium	6-1	1872964	1905320	1913517	1897267	1.13	cps
Magnesium	24-2	21932266	21966243	21867172	21921894	0.23	cps
Manganese	55-2	3589439	3638401	3599560	3609134	0.72	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:15:18	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19341166	19271391	19169773	19260777	0.45	cps
Molybdenum	95-1	23612302	23580119	23427034	23539818	0.42	cps
Molybdenum	96-1	26189142	26126392	25952218	26089251	0.47	cps
Molybdenum	97-1	14698390	14727640	14584140	14670057	0.52	cps
Molybdenum	98-1	37771321	37565891	37292649	37543287	0.64	cps
Neodymium	150-1	787	587	687	687	14.56	cps
Neodymium	150-2	87	67	77	77	13.04	cps
Nickel	60-2	1245192	1251203	1254603	1250333	0.38	cps
Phosphorus	31-2	102467	101083	102728	102093	0.87	cps
Potassium	39-2	11460083	11511151	11475662	11482299	0.23	cps
Rhodium	103-1	11046606	11327795	11185471	11186624	1.26	cps
Rhodium	103-2	5773325	5911719	5843729	5842924	1.18	cps
Scandium	45-1	7334842	7590976	7627407	7517742	2.12	cps
Scandium	45-2	374049	383004	382038	379697	1.29	cps
Selenium	77-2	7315	7249	7629	7398	2.74	cps
Selenium	78-2	24953	25005	25087	25015	0.27	cps
Selenium	82-1	133678	133263	132865	133269	0.31	cps
Silicon	28-1	5087509	5096934	5097310	5093918	0.11	cps
Silver	109-1	10703581	10722353	10645669	10690535	0.37	cps
Silver	107-1	11183039	11186002	11084895	11151312	0.52	cps
Sodium	23-2	41377585	41191876	41109074	41226178	0.33	cps
Strontium	86-1	3055747	3051618	3048416	3051927	0.12	cps
Strontium	88-1	26733769	26587816	26452358	26591314	0.53	cps
Sulfur	34-1	946222	941411	947441	945025	0.34	cps
Terbium	159-1	15888041	16394575	16260055	16180890	1.62	cps
Terbium	159-2	9388351	9510388	9384002	9427580	0.76	cps
Thallium	203-1	8647546	8677328	8642987	8655954	0.22	cps
Thallium	205-1	20417870	20488873	20350034	20418926	0.34	cps
Tin	118-1	7787225	7697049	7706653	7730309	0.64	cps
Titanium	47-1	6249991	6247371	6201908	6233090	0.43	cps
Uranium	238-1	31522973	31464507	31507988	31498489	0.10	cps
Vanadium	51-2	2512388	2528114	2510956	2517153	0.38	cps
Yttrium	89-1	12922146	13256309	13144881	13107779	1.30	cps
Yttrium	89-2	2157359	2200513	2179902	2179258	0.99	cps
Zinc	66-2	935702	942113	938087	938634	0.35	cps
Zirconium	90-1	16304074	16295950	16190656	16263560	0.39	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:15:18	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3651948	3624669	3603063	3626560	0.68	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:18:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8822292	9115741	9737821	9225285	5.07	cps
Antimony	121-1	24038	23220	22394	23217	3.54	cps
Arsenic	75-2	133	159	170	154	12.31	cps
Barium	135-1	2867	2992	2842	2900	2.77	cps
Barium	137-1	5168	4701	5076	4982	4.97	cps
Beryllium	9-1	350	417	367	378	9.18	cps
Bismuth	209-1	7925155	7987679	7974207	7962347	0.41	cps
Bismuth	209-2	5192528	5385326	5660733	5412862	4.35	cps
Boron	10-1	6402	5551	5626	5860	8.03	cps
Boron	11-1	29279	26766	24863	26969	8.21	cps
Cadmium	111-1	2703	2799	2670	2724	2.45	cps
Cadmium	106-1	3509	3701	3526	3578	2.97	cps
Cadmium	108-1	29	42	50	40	26.03	cps
Calcium	43-1	12522890	12461328	12419852	12468023	0.42	cps
Calcium	44-1	205571609	204145738	203252734	204323360	0.57	cps
Chromium	52-2	35486	36646	39744	37292	5.90	cps
Cobalt	59-2	5174	5148	5418	5247	2.84	cps
Copper	63-2	10581	11101	11485	11055	4.10	cps
Dysprosium	156-1	100	117	92	103	12.38	cps
Dysprosium	156-2	57	43	37	46	22.36	cps
Erbium	164-1	42	83	33	53	50.76	cps
Erbium	164-2	40	27	33	33	20.00	cps
Gadolinium	160-1	117	142	133	131	9.75	cps
Gadolinium	160-2	100	137	137	124	17.01	cps
Holmium	165-1	13998430	14031801	13998672	14009634	0.14	cps
Holmium	165-2	8038579	8289020	8702079	8343226	4.02	cps
Indium	115-1	10970736	10962451	10923462	10952216	0.23	cps
Indium	115-2	2406148	2500392	2620586	2509042	4.28	cps
Iron	56-2	543239823	561943335	598885058	568022739	4.99	cps
Iron	57-2	13223689	13696135	14547091	13822305	4.85	cps
Lead	206-1	12445	12095	11928	12156	2.17	cps
Lead	207-1	10310	9932	10143	10128	1.87	cps
Lead	208-1	48898	47123	48219	48080	1.86	cps
Lithium	6-1	1800595	1823780	1834766	1819714	0.96	cps
Magnesium	24-2	95595056	98479733	104600965	99558585	4.62	cps
Manganese	55-2	8709	8763	9697	9056	6.13	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:18:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12706	11789	11547	12014	5.09	cps
Molybdenum	95-1	18179	17637	17361	17726	2.35	cps
Molybdenum	96-1	25732	23737	23078	24182	5.72	cps
Molybdenum	97-1	12281	11063	10521	11288	7.98	cps
Molybdenum	98-1	29356	28304	27820	28493	2.76	cps
Neodymium	150-1	127	93	113	111	15.10	cps
Neodymium	150-2	43	33	33	37	15.75	cps
Nickel	60-2	9527	9500	10370	9799	5.05	cps
Phosphorus	31-2	258	342	350	317	16.01	cps
Potassium	39-2	50223728	51694277	54992464	52303490	4.67	cps
Rhodium	103-1	9707756	9674758	9684096	9688870	0.18	cps
Rhodium	103-2	4706342	4883091	5138814	4909416	4.43	cps
Scandium	45-1	6986666	7002297	6970909	6986624	0.22	cps
Scandium	45-2	330983	344490	363523	346332	4.72	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	100	85	87	91	8.89	cps
Selenium	82-1	185	207	96	163	36.18	cps
Silicon	28-1	403518	405414	423244	410725	2.65	cps
Silver	109-1	567	658	742	656	13.35	cps
Silver	107-1	900	583	733	739	21.44	cps
Sodium	23-2	177400437	183855221	195598375	185618011	4.97	cps
Strontium	86-1	90737	91927	90434	91033	0.87	cps
Strontium	88-1	809798	797367	792708	799957	1.10	cps
Sulfur	34-1	255200	261700	261821	259574	1.46	cps
Terbium	159-1	14595992	14668940	14585286	14616739	0.31	cps
Terbium	159-2	8080961	8292000	8780380	8384447	4.28	cps
Thallium	203-1	4518	4168	4151	4279	4.84	cps
Thallium	205-1	11414	10697	9846	10652	7.37	cps
Tin	118-1	10321	10037	9337	9898	5.12	cps
Titanium	47-1	1192	933	1200	1108	13.68	cps
Uranium	238-1	2334	2300	2192	2275	3.26	cps
Vanadium	51-2	360	423	523	436	18.91	cps
Yttrium	89-1	11967411	11916214	11877293	11920306	0.38	cps
Yttrium	89-2	1878479	1947997	2058519	1961665	4.63	cps
Zinc	66-2	2430	2417	2717	2521	6.72	cps
Zirconium	90-1	4451	4242	3751	4148	8.67	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:18:59	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1042	892	758	897	15.80	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:43:53	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53263	53505	51188	52652	2.42	cps
Antimony	121-1	1762981	1787266	1783899	1778049	0.74	cps
Arsenic	75-2	67980	68549	67446	67992	0.81	cps
Barium	135-1	220582	227584	229242	225803	2.04	cps
Barium	137-1	390941	392321	396670	393311	0.76	cps
Beryllium	9-1	133459	134922	134385	134255	0.55	cps
Bismuth	209-1	9520425	9470853	9494850	9495376	0.26	cps
Bismuth	209-2	6822231	6828270	6839431	6829977	0.13	cps
Boron	10-1	83270	84175	86279	84575	1.82	cps
Boron	11-1	394965	396072	403708	398248	1.20	cps
Cadmium	111-1	220933	223327	224634	222964	0.84	cps
Cadmium	106-1	43643	41003	41905	42183	3.18	cps
Cadmium	108-1	21483	21341	21875	21567	1.28	cps
Calcium	43-1	57755	57379	58885	58006	1.35	cps
Calcium	44-1	895849	899706	900030	898528	0.26	cps
Chromium	52-2	293443	295712	294537	294564	0.39	cps
Cobalt	59-2	488861	492133	484644	488546	0.77	cps
Copper	63-2	359702	361176	362001	360960	0.32	cps
Dysprosium	156-1	33	42	58	44	28.65	cps
Dysprosium	156-2	10	17	30	19	53.91	cps
Erbium	164-1	83	58	83	75	19.24	cps
Erbium	164-2	60	47	40	49	20.83	cps
Gadolinium	160-1	100	42	92	78	40.56	cps
Gadolinium	160-2	170	160	183	171	6.84	cps
Holmium	165-1	14967136	14924554	14855124	14915605	0.38	cps
Holmium	165-2	9273379	9295373	9442458	9337070	0.98	cps
Indium	115-1	12178024	12155980	12141191	12158398	0.15	cps
Indium	115-2	2901779	2909817	2947439	2919678	0.83	cps
Iron	56-2	2588879	2599283	2584676	2590946	0.29	cps
Iron	57-2	64430	63554	64263	64083	0.73	cps
Lead	206-1	1395886	1383676	1399559	1393040	0.60	cps
Lead	207-1	1223537	1223260	1233151	1226649	0.46	cps
Lead	208-1	5641864	5637683	5673825	5651124	0.35	cps
Lithium	6-1	2027489	2021023	2021862	2023458	0.17	cps
Magnesium	24-2	269120	271817	269636	270191	0.53	cps
Manganese	55-2	178150	178178	176987	177771	0.38	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:43:53	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4291524	4301029	4327139	4306564	0.43	cps
Molybdenum	95-1	2282287	2281258	2295426	2286324	0.35	cps
Molybdenum	96-1	2912141	2927278	2927712	2922377	0.30	cps
Molybdenum	97-1	1417141	1411972	1415401	1414838	0.19	cps
Molybdenum	98-1	3657630	3678161	3685085	3673625	0.39	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	128449	131095	130471	130005	1.06	cps
Phosphorus	31-2	300	333	383	339	12.38	cps
Potassium	39-2	487620	495144	492106	491624	0.77	cps
Rhodium	103-1	11309808	11275545	11247742	11277698	0.28	cps
Rhodium	103-2	6091247	6089788	6156781	6112605	0.63	cps
Scandium	45-1	7447588	7374497	7438336	7420141	0.54	cps
Scandium	45-2	380114	387956	390258	386109	1.38	cps
Selenium	77-2	1443	1540	1577	1520	4.53	cps
Selenium	78-2	5090	5249	5157	5165	1.55	cps
Selenium	82-1	26755	26596	26401	26584	0.67	cps
Silicon	28-1	2762961	2778140	2781693	2774265	0.36	cps
Silver	109-1	1039453	1039330	1042281	1040355	0.16	cps
Silver	107-1	1084913	1088317	1097783	1090338	0.61	cps
Sodium	23-2	848841	850423	845812	848359	0.28	cps
Strontium	86-1	1479904	1466029	1491539	1479157	0.86	cps
Strontium	88-1	12959985	13042065	13079832	13027294	0.47	cps
Sulfur	34-1	278209	276015	279669	277964	0.66	cps
Terbium	159-1	15654488	15611062	15511354	15592301	0.47	cps
Terbium	159-2	9402079	9376452	9475488	9418006	0.55	cps
Thallium	203-1	1737214	1730689	1755101	1741001	0.73	cps
Thallium	205-1	4098218	4155554	4164814	4139529	0.87	cps
Tin	118-1	3786479	3787307	3805336	3793041	0.28	cps
Titanium	47-1	622733	624096	620664	622498	0.28	cps
Uranium	238-1	18405902	18538169	18499483	18481185	0.37	cps
Vanadium	51-2	243960	242323	245711	243998	0.69	cps
Yttrium	89-1	12657545	12533804	12705651	12632333	0.70	cps
Yttrium	89-2	2186116	2195763	2222177	2201352	0.85	cps
Zinc	66-2	97936	97835	98425	98065	0.32	cps
Zirconium	90-1	8177328	8225123	8226339	8209596	0.34	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:43:53	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1807102	1820877	1819030	1815670	0.41	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:49:01	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	92	33	67	45.07	cps
Antimony	121-1	3851	3667	3651	3723	2.98	cps
Arsenic	75-2	19	15	24	19	24.36	cps
Barium	135-1	33	17	17	22	43.28	cps
Barium	137-1	83	67	67	72	13.33	cps
Beryllium	9-1	94	111	117	107	10.77	cps
Bismuth	209-1	9431777	9436171	9499973	9455974	0.40	cps
Bismuth	209-2	6815512	6868913	6939741	6874722	0.91	cps
Boron	10-1	1025	792	883	900	13.06	cps
Boron	11-1	4334	4401	4409	4381	0.94	cps
Cadmium	111-1	2509	2698	2491	2566	4.46	cps
Cadmium	106-1	3551	3851	3559	3653	4.68	cps
Cadmium	108-1	8	21	13	14	45.83	cps
Calcium	43-1	233	167	117	172	33.99	cps
Calcium	44-1	9529	9012	8536	9025	5.50	cps
Chromium	52-2	397	383	443	408	7.73	cps
Cobalt	59-2	97	93	123	104	15.74	cps
Copper	63-2	3664	3801	3624	3696	2.51	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	33	75	33	47	50.95	cps
Erbium	164-2	20	40	20	27	43.30	cps
Gadolinium	160-1	67	33	92	64	45.81	cps
Gadolinium	160-2	140	113	127	127	10.52	cps
Holmium	165-1	14936165	14891284	14849006	14892152	0.29	cps
Holmium	165-2	9342020	9345218	9383745	9356994	0.25	cps
Indium	115-1	12229623	12327981	12299764	12285789	0.41	cps
Indium	115-2	2939657	2950251	2987392	2959100	0.85	cps
Iron	56-2	4551	4567	4306	4475	3.27	cps
Iron	57-2	217	156	222	198	18.67	cps
Lead	206-1	467	422	483	457	6.91	cps
Lead	207-1	428	444	417	430	3.26	cps
Lead	208-1	2056	1845	1967	1956	5.42	cps
Lithium	6-1	1996697	1997379	1993120	1995732	0.11	cps
Magnesium	24-2	383	425	425	411	5.85	cps
Manganese	55-2	63	110	63	79	34.16	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:49:01	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1117	1242	1108	1156	6.46	cps
Molybdenum	95-1	875	992	900	922	6.66	cps
Molybdenum	96-1	1058	1125	825	1003	15.71	cps
Molybdenum	97-1	667	475	450	531	22.34	cps
Molybdenum	98-1	1417	1342	1342	1367	3.17	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	23	47	33	34	34.00	cps
Phosphorus	31-2	367	342	200	303	29.69	cps
Potassium	39-2	36655	37966	36688	37103	2.02	cps
Rhodium	103-1	11406050	11338843	11322992	11355962	0.39	cps
Rhodium	103-2	6118145	6153203	6220353	6163900	0.84	cps
Scandium	45-1	7457309	7390620	7452523	7433484	0.50	cps
Scandium	45-2	387817	386772	393359	389316	0.91	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	94	80	93	89	9.08	cps
Selenium	82-1	3	54	-27	10	419.15	cps
Silicon	28-1	274188	267402	268922	270171	1.32	cps
Silver	109-1	108	108	133	117	12.37	cps
Silver	107-1	167	242	208	206	18.28	cps
Sodium	23-2	29521	29964	29780	29755	0.75	cps
Strontium	86-1	400	508	592	500	19.22	cps
Strontium	88-1	250	233	225	236	5.39	cps
Sulfur	34-1	276146	279447	278345	277980	0.60	cps
Terbium	159-1	15531064	15509136	15518691	15519630	0.07	cps
Terbium	159-2	9411035	9318674	9528778	9419496	1.12	cps
Thallium	203-1	400	408	433	414	4.19	cps
Thallium	205-1	950	1008	892	950	6.14	cps
Tin	118-1	3017	2959	2792	2923	4.00	cps
Titanium	47-1	250	183	192	208	17.43	cps
Uranium	238-1	342	300	292	311	8.61	cps
Vanadium	51-2	17	10	3	10	66.70	cps
Yttrium	89-1	12771819	12685941	12638666	12698809	0.53	cps
Yttrium	89-2	2186454	2198689	2230061	2205068	1.02	cps
Zinc	66-2	187	187	200	191	4.03	cps
Zirconium	90-1	2234	2067	1767	2022	11.70	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:49:01	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	533	467	481	9.86	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:52:34	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8381156	8733255	9302579	8805663	5.28	cps
Antimony	121-1	12656	12681	12573	12637	0.45	cps
Arsenic	75-2	94	81	131	102	25.32	cps
Barium	135-1	3667	3684	3742	3698	1.07	cps
Barium	137-1	6177	6060	5668	5968	4.46	cps
Beryllium	9-1	433	417	461	437	5.14	cps
Bismuth	209-1	9214664	9367113	9421176	9334318	1.15	cps
Bismuth	209-2	5991626	5805215	6388704	6061848	4.92	cps
Boron	10-1	967	900	1167	1011	13.73	cps
Boron	11-1	4568	4459	4576	4534	1.44	cps
Cadmium	111-1	3491	3499	3595	3528	1.63	cps
Cadmium	106-1	3767	3751	3826	3781	1.04	cps
Cadmium	108-1	1750	1675	1625	1683	3.74	cps
Calcium	43-1	2604388	2609828	2616187	2610134	0.23	cps
Calcium	44-1	42556279	43077744	43003090	42879037	0.66	cps
Chromium	52-2	52821	54962	59115	55633	5.75	cps
Cobalt	59-2	5108	5418	5815	5447	6.51	cps
Copper	63-2	27960	29256	30198	29138	3.86	cps
Dysprosium	156-1	67	33	50	50	33.34	cps
Dysprosium	156-2	40	23	13	26	52.73	cps
Erbium	164-1	67	83	58	69	18.33	cps
Erbium	164-2	50	43	47	47	7.15	cps
Gadolinium	160-1	125	125	92	114	16.90	cps
Gadolinium	160-2	120	103	143	122	16.44	cps
Holmium	165-1	15426767	15706452	15747307	15626842	1.12	cps
Holmium	165-2	8666684	8456029	9294633	8805782	4.95	cps
Indium	115-1	12242081	12422140	12510643	12391621	1.10	cps
Indium	115-2	2636223	2556094	2815982	2669433	4.99	cps
Iron	56-2	230376450	239338955	254505589	241406998	5.05	cps
Iron	57-2	5638385	5797264	6201135	5878928	4.94	cps
Lead	206-1	34885	35409	35281	35192	0.78	cps
Lead	207-1	28347	28219	27268	27945	2.11	cps
Lead	208-1	131921	135193	132275	133130	1.35	cps
Lithium	6-1	1943332	1955940	1969249	1956174	0.66	cps
Magnesium	24-2	19564583	20397854	21775160	20579199	5.42	cps
Manganese	55-2	13099	13196	13730	13342	2.55	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:52:34	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5149298	5188884	5202055	5180079	0.53	cps
Molybdenum	95-1	9063073	9144915	9216810	9141599	0.84	cps
Molybdenum	96-1	9605470	9709644	9791440	9702185	0.96	cps
Molybdenum	97-1	5627642	5706711	5707012	5680455	0.81	cps
Molybdenum	98-1	14500282	14588354	14688307	14592314	0.64	cps
Neodymium	150-1	67	53	27	49	41.66	cps
Neodymium	150-2	27	7	20	18	57.27	cps
Nickel	60-2	6111	6335	6838	6428	5.79	cps
Phosphorus	31-2	445475	465969	496982	469475	5.52	cps
Potassium	39-2	20292418	21104767	22525110	21307432	5.30	cps
Rhodium	103-1	10923236	11083965	11197367	11068189	1.24	cps
Rhodium	103-2	5391767	5224826	5739525	5452040	4.82	cps
Scandium	45-1	7410070	7523412	7553131	7495538	1.01	cps
Scandium	45-2	352921	337159	372715	354265	5.03	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	65	98	104	89	23.66	cps
Selenium	82-1	46	10	16	24	79.83	cps
Silicon	28-1	390977	389251	391091	390440	0.26	cps
Silver	109-1	567	708	883	720	22.05	cps
Silver	107-1	642	692	675	669	3.80	cps
Sodium	23-2	36970626	38185721	40865996	38674114	5.15	cps
Strontium	86-1	101482	101826	103604	102304	1.11	cps
Strontium	88-1	890024	884748	889290	888021	0.32	cps
Sulfur	34-1	3867278	3850780	3844026	3854028	0.31	cps
Terbium	159-1	16004900	16165470	16307862	16159411	0.94	cps
Terbium	159-2	8792966	8534898	9304330	8877398	4.41	cps
Thallium	203-1	1575	1292	1100	1322	18.07	cps
Thallium	205-1	3592	2950	2867	3137	12.65	cps
Tin	118-1	3000	3009	2750	2920	5.03	cps
Titanium	47-1	2455302	2463775	2488841	2469306	0.71	cps
Uranium	238-1	683	667	708	686	3.06	cps
Vanadium	51-2	337	377	417	377	10.62	cps
Yttrium	89-1	12851029	13027718	13168879	13015875	1.22	cps
Yttrium	89-2	1999378	1950654	2145947	2031993	5.00	cps
Zinc	66-2	4754	5031	5401	5062	6.41	cps
Zirconium	90-1	7919	6827	5401	6716	18.80	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:52:34	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1892	1650	1467	1670	12.77	cps

LB Number : LB93008 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 12:56:07 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9332419	9346491	9392848	9357253	0.34	cps
Antimony	121-1	194741	191160	193712	193204	0.95	cps
Arsenic	75-2	6742	6622	6550	6638	1.47	cps
Barium	135-1	49815	49648	48611	49358	1.32	cps
Barium	137-1	87894	85605	86285	86595	1.36	cps
Beryllium	9-1	25027	24676	24415	24706	1.24	cps
Bismuth	209-1	9257823	9216587	9305638	9260016	0.48	cps
Bismuth	209-2	6516170	6619175	6553818	6563054	0.79	cps
Boron	10-1	8553	9295	8636	8828	4.61	cps
Boron	11-1	43096	43664	43639	43466	0.74	cps
Cadmium	111-1	45797	44768	45872	45479	1.36	cps
Cadmium	106-1	9337	9562	9295	9398	1.53	cps
Cadmium	108-1	5447	5434	5059	5314	4.15	cps
Calcium	43-1	2639888	2627263	2638194	2635115	0.26	cps
Calcium	44-1	43864535	43455085	43647985	43655869	0.47	cps
Chromium	52-2	116173	117994	118821	117662	1.15	cps
Cobalt	59-2	98809	98390	99732	98977	0.69	cps
Copper	63-2	99707	98783	99415	99302	0.48	cps
Dysprosium	156-1	67	67	50	61	15.75	cps
Dysprosium	156-2	10	33	40	28	56.71	cps
Erbium	164-1	67	75	83	75	11.11	cps
Erbium	164-2	53	40	60	51	19.92	cps
Gadolinium	160-1	125	108	108	114	8.45	cps
Gadolinium	160-2	143	180	163	162	11.31	cps
Holmium	165-1	15693985	15755986	15807255	15752409	0.36	cps
Holmium	165-2	9523466	9629911	9627493	9593623	0.63	cps
Indium	115-1	12497538	12561218	12685346	12581367	0.76	cps
Indium	115-2	2882663	2917441	2897832	2899312	0.60	cps
Iron	56-2	257961928	258513206	260397528	258957554	0.49	cps
Iron	57-2	6273110	6330450	6346958	6316839	0.61	cps
Lead	206-1	174108	171699	170815	172207	0.99	cps
Lead	207-1	145397	144964	141743	144035	1.39	cps
Lead	208-1	673104	671589	666677	670457	0.50	cps
Lithium	6-1	1880996	1874952	1856560	1870836	0.68	cps
Magnesium	24-2	22017436	21939951	22057126	22004838	0.27	cps
Manganese	55-2	48754	48563	48627	48648	0.20	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:56:07	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5710992	5731082	5696254	5712776	0.31	cps
Molybdenum	95-1	9574503	9573901	9504951	9551118	0.42	cps
Molybdenum	96-1	10224111	10223584	10196058	10214585	0.16	cps
Molybdenum	97-1	5968535	5988556	5923534	5960208	0.56	cps
Molybdenum	98-1	15264293	15332740	15285501	15294178	0.23	cps
Neodymium	150-1	40	40	27	36	21.64	cps
Neodymium	150-2	27	30	17	24	28.38	cps
Nickel	60-2	30923	31093	31113	31043	0.34	cps
Phosphorus	31-2	502666	499726	505187	502526	0.54	cps
Potassium	39-2	22894613	22958058	23007710	22953460	0.25	cps
Rhodium	103-1	11161746	11247685	11308961	11239464	0.66	cps
Rhodium	103-2	5891778	6020132	5988173	5966694	1.12	cps
Scandium	45-1	7478650	7456223	7511233	7482035	0.37	cps
Scandium	45-2	383306	389311	387406	386674	0.79	cps
Selenium	77-2	140	150	167	152	8.85	cps
Selenium	78-2	565	539	594	566	4.91	cps
Selenium	82-1	2752	2714	2689	2718	1.15	cps
Silicon	28-1	652443	644060	648736	648413	0.65	cps
Silver	109-1	196545	196207	196119	196290	0.11	cps
Silver	107-1	207481	204828	203619	205309	0.96	cps
Sodium	23-2	41228701	41430612	41454150	41371154	0.30	cps
Strontium	86-1	267391	268441	266919	267584	0.29	cps
Strontium	88-1	2352395	2347601	2340343	2346779	0.26	cps
Sulfur	34-1	3828878	3807502	3815996	3817458	0.28	cps
Terbium	159-1	16294124	16262681	16398943	16318583	0.44	cps
Terbium	159-2	9583612	9732520	9652285	9656139	0.77	cps
Thallium	203-1	171761	173459	170286	171835	0.92	cps
Thallium	205-1	405156	400758	402899	402938	0.55	cps
Tin	118-1	414897	419415	413916	416076	0.70	cps
Titanium	47-1	2540520	2536993	2542789	2540101	0.11	cps
Uranium	238-1	1621019	1611639	1605430	1612696	0.49	cps
Vanadium	51-2	47275	48005	48192	47824	1.01	cps
Yttrium	89-1	13159777	13242372	13269910	13224020	0.43	cps
Yttrium	89-2	2196791	2227281	2222474	2215515	0.74	cps
Zinc	66-2	14284	14511	14244	14346	1.00	cps
Zirconium	90-1	896578	900447	899187	898738	0.22	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 12:56:07	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	199689	202620	202067	201459	0.77	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:06:30	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5524595	5561593	5522027	5536072	0.40	cps
Antimony	121-1	4970290	5006843	5031650	5002928	0.62	cps
Arsenic	75-2	181590	182137	181733	181820	0.16	cps
Barium	135-1	6219933	6279135	6267474	6255514	0.50	cps
Barium	137-1	10895847	10948421	10928192	10924153	0.24	cps
Beryllium	9-1	669363	674958	678624	674315	0.69	cps
Bismuth	209-1	9469198	8923564	9164109	9185624	2.98	cps
Bismuth	209-2	6483676	6474866	6492622	6483721	0.14	cps
Boron	10-1	75731	78093	78369	77398	1.87	cps
Boron	11-1	363393	367600	381434	370809	2.55	cps
Cadmium	111-1	1113328	1126058	1114535	1117973	0.63	cps
Cadmium	106-1	122955	123417	123005	123126	0.21	cps
Cadmium	108-1	81981	83431	83682	83031	1.11	cps
Calcium	43-1	7002815	7085139	7105042	7064332	0.77	cps
Calcium	44-1	115160786	116173348	115920761	115751632	0.46	cps
Chromium	52-2	1639823	1653613	1639453	1644296	0.49	cps
Cobalt	59-2	2547548	2565556	2561867	2558323	0.37	cps
Copper	63-2	3616834	3625449	3621593	3621292	0.12	cps
Dysprosium	156-1	133	208	150	164	24.03	cps
Dysprosium	156-2	53	77	47	59	26.75	cps
Erbium	164-1	67	83	133	94	36.73	cps
Erbium	164-2	37	53	37	42	22.78	cps
Gadolinium	160-1	83	100	117	100	16.66	cps
Gadolinium	160-2	153	143	137	144	5.81	cps
Holmium	165-1	16207381	15642435	15940590	15930135	1.77	cps
Holmium	165-2	9714612	9683339	9695149	9697700	0.16	cps
Indium	115-1	13034470	12418006	12691954	12714810	2.43	cps
Indium	115-2	2928024	2912803	2929652	2923493	0.32	cps
Iron	56-2	340927285	344372874	340834797	342044985	0.59	cps
Iron	57-2	8339437	8336969	8319296	8331901	0.13	cps
Lead	206-1	3579900	3581256	3573848	3578335	0.11	cps
Lead	207-1	3262836	3272010	3273996	3269614	0.18	cps
Lead	208-1	14779956	14759651	14741727	14760444	0.13	cps
Lithium	6-1	1947131	1899564	1926851	1924515	1.24	cps
Magnesium	24-2	60012912	60447906	60374056	60278291	0.39	cps
Manganese	55-2	1926954	1935610	1934885	1932483	0.25	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:06:30	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10342798	10412984	10402152	10385978	0.36	cps
Molybdenum	95-1	12643613	12718364	12756195	12706057	0.45	cps
Molybdenum	96-1	13954496	14155102	14069612	14059737	0.72	cps
Molybdenum	97-1	7872206	7926443	7896348	7898332	0.34	cps
Molybdenum	98-1	20267513	20243614	20333340	20281489	0.23	cps
Neodymium	150-1	433	433	540	469	13.13	cps
Neodymium	150-2	47	107	120	91	42.87	cps
Nickel	60-2	663152	662262	664337	663251	0.16	cps
Phosphorus	31-2	56048	56466	55671	56062	0.71	cps
Potassium	39-2	31384537	31502474	31349956	31412322	0.25	cps
Rhodium	103-1	11607242	11107679	11337552	11350824	2.20	cps
Rhodium	103-2	5965205	5901531	5951219	5939318	0.56	cps
Scandium	45-1	8121106	7687603	7905949	7904886	2.74	cps
Scandium	45-2	407834	406415	404802	406351	0.37	cps
Selenium	77-2	3977	3897	3807	3894	2.18	cps
Selenium	78-2	12767	12978	13060	12935	1.17	cps
Selenium	82-1	69896	70150	70159	70068	0.21	cps
Silicon	28-1	3516834	3615983	3689567	3607461	2.40	cps
Silver	109-1	5475476	5466061	5468739	5470092	0.09	cps
Silver	107-1	5676473	5734346	5720955	5710591	0.53	cps
Sodium	23-2	113243344	114090915	113914173	113749478	0.39	cps
Strontium	86-1	1668006	1680572	1670788	1673122	0.39	cps
Strontium	88-1	14724702	14850835	14898347	14824628	0.61	cps
Sulfur	34-1	655182	654447	659245	656291	0.39	cps
Terbium	159-1	17071675	16234540	16586436	16630884	2.53	cps
Terbium	159-2	9794900	9709068	9695774	9733247	0.55	cps
Thallium	203-1	4455579	4463386	4508685	4475884	0.64	cps
Thallium	205-1	10518881	10572707	10600488	10564025	0.39	cps
Tin	118-1	4051024	4084708	4056484	4064072	0.44	cps
Titanium	47-1	3330902	3330785	3364953	3342213	0.59	cps
Uranium	238-1	16250192	16324148	16197485	16257275	0.39	cps
Vanadium	51-2	1354970	1369703	1360574	1361749	0.55	cps
Yttrium	89-1	13999734	13497719	13720413	13739289	1.83	cps
Yttrium	89-2	2289754	2277675	2280577	2282668	0.28	cps
Zinc	66-2	487097	489594	488434	488375	0.26	cps
Zirconium	90-1	8804163	8870264	8888661	8854363	0.50	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:06:30	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1943446	1959254	1942704	1948468	0.48	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:15:05	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	150	75	108	35.25	cps
Antimony	121-1	4117	4551	5059	4576	10.30	cps
Arsenic	75-2	20	15	9	15	37.50	cps
Barium	135-1	42	33	42	39	12.38	cps
Barium	137-1	42	17	158	72	104.69	cps
Beryllium	9-1	178	194	183	185	4.58	cps
Bismuth	209-1	10266825	10376050	10338723	10327199	0.54	cps
Bismuth	209-2	7149822	7054604	7276317	7160248	1.55	cps
Boron	10-1	1442	1633	1625	1567	6.92	cps
Boron	11-1	7719	7836	7619	7725	1.40	cps
Cadmium	111-1	2533	2649	2720	2634	3.59	cps
Cadmium	106-1	3609	3734	3826	3723	2.92	cps
Cadmium	108-1	21	21	0	14	86.60	cps
Calcium	43-1	225	167	217	203	15.56	cps
Calcium	44-1	9837	9720	9011	9523	4.69	cps
Chromium	52-2	427	387	467	427	9.37	cps
Cobalt	59-2	120	133	147	133	10.00	cps
Copper	63-2	3851	3814	3804	3823	0.64	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	75	83	64	41.93	cps
Erbium	164-2	37	23	20	27	33.08	cps
Gadolinium	160-1	67	83	25	58	51.51	cps
Gadolinium	160-2	140	113	83	112	25.26	cps
Holmium	165-1	16331452	16570223	16598968	16500214	0.89	cps
Holmium	165-2	9867933	9712990	10014572	9865165	1.53	cps
Indium	115-1	13644263	13847567	13892830	13794887	0.96	cps
Indium	115-2	3059347	3036954	3126568	3074290	1.52	cps
Iron	56-2	9937	9509	9598	9681	2.33	cps
Iron	57-2	350	294	417	354	17.30	cps
Lead	206-1	1106	1200	950	1085	11.63	cps
Lead	207-1	1022	978	961	987	3.20	cps
Lead	208-1	4456	4400	4106	4321	4.35	cps
Lithium	6-1	2009780	2030970	2042080	2027610	0.81	cps
Magnesium	24-2	567	533	558	553	3.14	cps
Manganese	55-2	120	100	100	107	10.83	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:15:05	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2034	1734	1659	1809	10.97	cps
Molybdenum	95-1	2184	2267	2034	2161	5.47	cps
Molybdenum	96-1	2292	2100	2125	2172	4.80	cps
Molybdenum	97-1	1275	1117	1117	1170	7.82	cps
Molybdenum	98-1	3351	2884	2892	3042	8.78	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	37	40	43	40	8.32	cps
Phosphorus	31-2	325	233	283	281	16.36	cps
Potassium	39-2	44192	44259	44727	44392	0.66	cps
Rhodium	103-1	12567192	12858118	12789619	12738310	1.19	cps
Rhodium	103-2	6601662	6543019	6724482	6623054	1.40	cps
Scandium	45-1	8222383	8258616	8243811	8241603	0.22	cps
Scandium	45-2	405950	403015	419449	409471	2.14	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	115	83	96	98	16.12	cps
Selenium	82-1	34	-67	36	1	6502.07	cps
Silicon	28-1	275129	278802	277439	277123	0.67	cps
Silver	109-1	300	425	342	356	17.90	cps
Silver	107-1	483	425	358	422	14.82	cps
Sodium	23-2	50010	49056	49048	49371	1.12	cps
Strontium	86-1	500	658	533	564	14.80	cps
Strontium	88-1	175	150	192	172	12.18	cps
Sulfur	34-1	276893	274940	274016	275283	0.53	cps
Terbium	159-1	17122833	17283663	17272387	17226294	0.52	cps
Terbium	159-2	9902015	9787893	10115218	9935042	1.67	cps
Thallium	203-1	958	1083	1100	1047	7.39	cps
Thallium	205-1	2509	2109	2167	2261	9.56	cps
Tin	118-1	2417	2359	2467	2414	2.25	cps
Titanium	47-1	283	308	158	250	32.15	cps
Uranium	238-1	167	175	267	203	27.36	cps
Vanadium	51-2	20	30	7	19	61.96	cps
Yttrium	89-1	14180883	14383944	14351393	14305407	0.76	cps
Yttrium	89-2	2305983	2298323	2352563	2318957	1.27	cps
Zinc	66-2	240	223	233	232	3.61	cps
Zirconium	90-1	1492	1617	1875	1661	11.77	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:15:05	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	375	300	339	11.09	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:18:36	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2125	1959	2050	2045	4.08	cps
Antimony	121-1	21017	21893	21459	21456	2.04	cps
Arsenic	75-2	363	315	402	360	12.12	cps
Barium	135-1	22603	22803	22519	22642	0.64	cps
Barium	137-1	40486	39808	40552	40282	1.02	cps
Beryllium	9-1	1522	1317	1606	1482	10.04	cps
Bismuth	209-1	10308169	10172538	10043944	10174884	1.30	cps
Bismuth	209-2	7108002	7184729	7004971	7099234	1.27	cps
Boron	10-1	4551	4409	4509	4490	1.62	cps
Boron	11-1	21666	22017	22050	21911	0.97	cps
Cadmium	111-1	4910	5075	4963	4983	1.69	cps
Cadmium	106-1	4259	4151	4184	4198	1.32	cps
Cadmium	108-1	179	204	196	193	6.59	cps
Calcium	43-1	13073	14157	13832	13687	4.06	cps
Calcium	44-1	221940	221442	217950	220444	0.99	cps
Chromium	52-2	6905	6805	6995	6902	1.38	cps
Cobalt	59-2	5168	5324	5138	5210	1.92	cps
Copper	63-2	10881	11081	10984	10982	0.91	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	25	42	67	44	47.19	cps
Erbium	164-2	27	50	40	39	30.10	cps
Gadolinium	160-1	67	50	108	75	40.06	cps
Gadolinium	160-2	140	130	117	129	9.08	cps
Holmium	165-1	16465893	16313581	16271068	16350181	0.63	cps
Holmium	165-2	9825330	9959480	9767462	9850757	1.00	cps
Indium	115-1	13825485	13711044	13663627	13733385	0.61	cps
Indium	115-2	3076935	3097017	3076583	3083512	0.38	cps
Iron	56-2	139814	142018	139685	140506	0.93	cps
Iron	57-2	3851	3673	3795	3773	2.41	cps
Lead	206-1	8247	7930	7930	8036	2.28	cps
Lead	207-1	7024	7074	6996	7032	0.56	cps
Lead	208-1	32199	31933	32472	32201	0.84	cps
Lithium	6-1	2001085	1987784	1971493	1986787	0.75	cps
Magnesium	24-2	111924	111907	111210	111681	0.36	cps
Manganese	55-2	1940	1987	2047	1991	2.69	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:18:36	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19698	20574	19965	20079	2.24	cps
Molybdenum	95-1	24522	24263	24247	24344	0.63	cps
Molybdenum	96-1	26325	27369	26659	26784	1.99	cps
Molybdenum	97-1	14733	14591	14349	14558	1.33	cps
Molybdenum	98-1	38687	38520	38653	38620	0.23	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1430	1490	1513	1478	2.91	cps
Phosphorus	31-2	325	333	358	339	5.12	cps
Potassium	39-2	157964	158000	158411	158125	0.16	cps
Rhodium	103-1	12763601	12627451	12625710	12672254	0.62	cps
Rhodium	103-2	6577182	6644087	6575235	6598835	0.59	cps
Scandium	45-1	8285979	8174842	8099729	8186850	1.14	cps
Scandium	45-2	404536	410320	408519	407791	0.73	cps
Selenium	77-2	33	47	47	42	18.24	cps
Selenium	78-2	237	252	196	228	12.60	cps
Selenium	82-1	723	766	734	741	3.06	cps
Silicon	28-1	349379	347314	349246	348646	0.33	cps
Silver	109-1	11121	10913	11313	11116	1.80	cps
Silver	107-1	11830	11472	11672	11658	1.54	cps
Sodium	23-2	249685	251015	249881	250194	0.29	cps
Strontium	86-1	3692	3576	3526	3598	2.38	cps
Strontium	88-1	27160	27986	26868	27338	2.12	cps
Sulfur	34-1	275775	275350	275665	275596	0.08	cps
Terbium	159-1	17083540	17087186	17041098	17070608	0.15	cps
Terbium	159-2	9871037	9989740	9852098	9904292	0.75	cps
Thallium	203-1	9387	9012	9220	9206	2.04	cps
Thallium	205-1	22136	21685	22153	21991	1.21	cps
Tin	118-1	39565	40868	39883	40105	1.69	cps
Titanium	47-1	6752	6143	6085	6327	5.84	cps
Uranium	238-1	28440	28749	28808	28666	0.69	cps
Vanadium	51-2	12395	12342	12118	12285	1.20	cps
Yttrium	89-1	14339121	14180805	14143694	14221207	0.73	cps
Yttrium	89-2	2303502	2349261	2327662	2326808	0.98	cps
Zinc	66-2	1287	1313	1297	1299	1.04	cps
Zirconium	90-1	18655	17828	18821	18435	2.88	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:18:36	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3909	4209	3976	4031	3.91	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106050BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:22:08	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	108	50	75	40.06	cps
Antimony	121-1	1575	1525	1584	1561	2.02	cps
Arsenic	75-2	17	7	9	11	44.09	cps
Barium	135-1	42	58	50	50	16.67	cps
Barium	137-1	67	100	100	89	21.65	cps
Beryllium	9-1	161	150	122	144	13.87	cps
Bismuth	209-1	9927308	9988557	9988539	9968135	0.35	cps
Bismuth	209-2	7009401	7073855	7106684	7063313	0.70	cps
Boron	10-1	950	1108	867	975	12.59	cps
Boron	11-1	5051	5018	4584	4884	5.33	cps
Cadmium	111-1	2763	2671	2669	2701	1.99	cps
Cadmium	106-1	3934	3809	3784	3842	2.09	cps
Cadmium	108-1	17	29	13	19	44.61	cps
Calcium	43-1	458	392	292	381	22.04	cps
Calcium	44-1	11455	11363	11730	11516	1.66	cps
Chromium	52-2	380	413	447	413	8.06	cps
Cobalt	59-2	83	123	160	122	31.37	cps
Copper	63-2	3917	3991	4041	3983	1.56	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	58	25	44	39.04	cps
Erbium	164-2	30	30	30	30	0.00	cps
Gadolinium	160-1	100	83	42	75	40.06	cps
Gadolinium	160-2	107	150	107	121	20.66	cps
Holmium	165-1	15932019	16212187	16008775	16050994	0.90	cps
Holmium	165-2	9653460	9783741	9758571	9731924	0.71	cps
Indium	115-1	13451723	13491414	13602348	13515162	0.58	cps
Indium	115-2	3053853	3073328	3065006	3064063	0.32	cps
Iron	56-2	6791	6513	7252	6852	5.45	cps
Iron	57-2	233	261	339	278	19.70	cps
Lead	206-1	822	867	711	800	10.02	cps
Lead	207-1	633	700	756	696	8.79	cps
Lead	208-1	3295	3311	3217	3274	1.54	cps
Lithium	6-1	1943745	1961460	1969642	1958282	0.68	cps
Magnesium	24-2	608	600	575	594	2.92	cps
Manganese	55-2	150	120	140	137	11.18	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106050BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:22:08	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	833	942	867	881	6.30	cps
Molybdenum	95-1	842	1025	958	942	9.85	cps
Molybdenum	96-1	1100	975	758	945	18.30	cps
Molybdenum	97-1	408	592	558	519	18.80	cps
Molybdenum	98-1	1217	1250	1400	1289	7.58	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	47	30	41	23.41	cps
Phosphorus	31-2	250	300	325	292	13.09	cps
Potassium	39-2	42638	42796	43214	42883	0.69	cps
Rhodium	103-1	12432399	12497420	12518712	12482844	0.36	cps
Rhodium	103-2	6536547	6597657	6600052	6578085	0.55	cps
Scandium	45-1	8040261	8057185	8077138	8058195	0.23	cps
Scandium	45-2	405263	410504	418571	411446	1.63	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	76	106	117	99	21.19	cps
Selenium	82-1	14	45	15	25	69.99	cps
Silicon	28-1	274409	275996	273961	274788	0.39	cps
Silver	109-1	167	192	167	175	8.25	cps
Silver	107-1	217	250	233	233	7.14	cps
Sodium	23-2	40974	41776	39754	40834	2.49	cps
Strontium	86-1	533	417	592	514	17.34	cps
Strontium	88-1	267	200	258	242	15.03	cps
Sulfur	34-1	272565	270634	271871	271690	0.36	cps
Terbium	159-1	16681054	16805376	16852757	16779729	0.53	cps
Terbium	159-2	9788252	9883167	9892879	9854766	0.59	cps
Thallium	203-1	642	658	608	636	4.00	cps
Thallium	205-1	1917	1684	1567	1722	10.35	cps
Tin	118-1	1825	2125	1959	1970	7.63	cps
Titanium	47-1	233	217	283	244	14.19	cps
Uranium	238-1	150	142	183	158	13.92	cps
Vanadium	51-2	33	7	10	17	87.16	cps
Yttrium	89-1	13936204	14002953	14058166	13999108	0.44	cps
Yttrium	89-2	2309066	2313810	2327131	2316669	0.40	cps
Zinc	66-2	443	343	400	396	12.68	cps
Zirconium	90-1	1175	1117	1358	1217	10.37	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106050BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:22:08	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	233	217	222	4.33	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106050BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:25:40	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4351	4601	4493	4481	2.80	cps
Antimony	121-1	38780	39941	40058	39593	1.79	cps
Arsenic	75-2	787	717	737	747	4.85	cps
Barium	135-1	48042	47281	48636	47986	1.42	cps
Barium	137-1	83250	83727	84918	83965	1.02	cps
Beryllium	9-1	2761	2723	2756	2747	0.77	cps
Bismuth	209-1	9816128	10040810	10077844	9978261	1.42	cps
Bismuth	209-2	7118636	7136657	7071502	7108932	0.47	cps
Boron	10-1	7836	7761	7752	7783	0.59	cps
Boron	11-1	37063	36654	36963	36893	0.58	cps
Cadmium	111-1	7477	7449	7129	7352	2.63	cps
Cadmium	106-1	4368	4784	4201	4451	6.75	cps
Cadmium	108-1	383	388	321	364	10.26	cps
Calcium	43-1	27518	27593	27618	27577	0.19	cps
Calcium	44-1	450933	452663	453359	452318	0.28	cps
Chromium	52-2	13737	14127	13977	13947	1.41	cps
Cobalt	59-2	10817	10464	10894	10725	2.14	cps
Copper	63-2	19930	19300	19343	19524	1.80	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	17	3	3	8	99.04	cps
Erbium	164-1	67	67	117	83	34.64	cps
Erbium	164-2	57	33	60	50	29.06	cps
Gadolinium	160-1	350	100	75	175	86.97	cps
Gadolinium	160-2	90	80	130	100	26.46	cps
Holmium	165-1	16000394	16122831	16278477	16133901	0.86	cps
Holmium	165-2	9787359	9898136	9862406	9849300	0.57	cps
Indium	115-1	13414136	13580469	13663912	13552839	0.94	cps
Indium	115-2	3076429	3095836	3091947	3088071	0.33	cps
Iron	56-2	1225010	1231303	1235722	1230678	0.44	cps
Iron	57-2	30622	31089	30688	30799	0.82	cps
Lead	206-1	14792	14792	15154	14912	1.40	cps
Lead	207-1	13485	13746	13869	13700	1.43	cps
Lead	208-1	61446	61758	61407	61537	0.31	cps
Lithium	6-1	1949742	1958449	1983124	1963772	0.88	cps
Magnesium	24-2	234593	236326	232257	234392	0.87	cps
Manganese	55-2	4134	3921	4001	4018	2.68	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106050BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:25:40	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	40675	41804	40224	40901	1.99	cps
Molybdenum	95-1	49762	49227	49821	49603	0.66	cps
Molybdenum	96-1	52699	53986	53685	53457	1.26	cps
Molybdenum	97-1	30300	29991	30116	30136	0.52	cps
Molybdenum	98-1	78365	78383	77042	77930	0.99	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2940	2824	2794	2853	2.72	cps
Phosphorus	31-2	383	475	383	414	12.79	cps
Potassium	39-2	279089	281914	280454	280486	0.50	cps
Rhodium	103-1	12440987	12603495	12661759	12568747	0.91	cps
Rhodium	103-2	6592985	6636052	6632212	6620416	0.36	cps
Scandium	45-1	7986222	8136342	8237255	8119940	1.56	cps
Scandium	45-2	410378	414144	415399	413307	0.63	cps
Selenium	77-2	63	93	67	74	22.09	cps
Selenium	78-2	363	365	383	370	3.04	cps
Selenium	82-1	1497	1501	1420	1473	3.09	cps
Silicon	28-1	427666	426787	425276	426576	0.28	cps
Silver	109-1	23220	22727	23587	23178	1.86	cps
Silver	107-1	23696	25348	24247	24430	3.44	cps
Sodium	23-2	472909	472193	468550	471217	0.50	cps
Strontium	86-1	7411	6835	6877	7041	4.56	cps
Strontium	88-1	56261	56964	55985	56403	0.89	cps
Sulfur	34-1	274026	274110	275044	274394	0.21	cps
Terbium	159-1	16626888	16917156	16962482	16835509	1.08	cps
Terbium	159-2	9865738	9947596	9898675	9904003	0.42	cps
Thallium	203-1	18322	18113	18355	18263	0.72	cps
Thallium	205-1	42703	43205	42285	42731	1.08	cps
Tin	118-1	80439	81251	81210	80967	0.56	cps
Titanium	47-1	13307	12656	13098	13020	2.55	cps
Uranium	238-1	58641	58826	58633	58700	0.19	cps
Vanadium	51-2	26240	26234	25699	26058	1.19	cps
Yttrium	89-1	13952002	14184661	14321461	14152708	1.32	cps
Yttrium	89-2	2312726	2348822	2341212	2334253	0.82	cps
Zinc	66-2	2494	2570	2620	2561	2.49	cps
Zirconium	90-1	35771	36456	36222	36149	0.96	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106050BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:25:40	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8103	8311	7936	8117	2.32	cps

LB Number : LB93008 Operator : Jaswal
 Lab Sample ID : PB106162BL Instrumnet Name : P7
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 13:29:12 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	75	64	19.92	cps
Antimony	121-1	1225	1275	1283	1261	2.50	cps
Arsenic	75-2	7	4	7	6	34.70	cps
Barium	135-1	25	67	50	47	44.41	cps
Barium	137-1	100	150	125	125	20.00	cps
Beryllium	9-1	122	111	94	109	12.80	cps
Bismuth	209-1	9928689	9960081	9983764	9957511	0.28	cps
Bismuth	209-2	6123353	6075268	6885812	6361478	7.15	cps
Boron	10-1	1017	925	883	942	7.24	cps
Boron	11-1	4351	4184	4426	4320	2.86	cps
Cadmium	111-1	2694	2771	2636	2700	2.52	cps
Cadmium	106-1	3817	3917	3742	3826	2.30	cps
Cadmium	108-1	17	0	13	10	89.22	cps
Calcium	43-1	375	325	458	386	17.45	cps
Calcium	44-1	11747	11163	12164	11691	4.30	cps
Chromium	52-2	370	343	397	370	7.21	cps
Cobalt	59-2	140	137	130	136	3.76	cps
Copper	63-2	4237	4104	4494	4278	4.63	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	50	42	75	56	31.22	cps
Erbium	164-2	27	7	40	24	68.62	cps
Gadolinium	160-1	25	50	58	44	39.04	cps
Gadolinium	160-2	73	100	130	101	28.03	cps
Holmium	165-1	15991342	16063738	16052270	16035783	0.24	cps
Holmium	165-2	8526006	8421874	9583535	8843805	7.27	cps
Indium	115-1	13586198	13550093	13657136	13597809	0.40	cps
Indium	115-2	2678579	2674427	3034187	2795731	7.39	cps
Iron	56-2	5496	5768	5768	5677	2.77	cps
Iron	57-2	183	217	283	228	22.35	cps
Lead	206-1	683	628	611	641	5.90	cps
Lead	207-1	583	700	639	641	9.11	cps
Lead	208-1	2761	2917	2795	2824	2.90	cps
Lithium	6-1	1939218	1940477	1942473	1940722	0.08	cps
Magnesium	24-2	450	450	475	458	3.15	cps
Manganese	55-2	103	87	113	101	13.32	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106162BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:29:12	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	600	592	667	619	6.64	cps
Molybdenum	95-1	567	725	550	614	15.73	cps
Molybdenum	96-1	475	517	667	553	18.24	cps
Molybdenum	97-1	383	442	425	417	7.21	cps
Molybdenum	98-1	967	708	775	817	16.42	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	37	50	40	22.05	cps
Phosphorus	31-2	317	342	250	303	15.65	cps
Potassium	39-2	40882	41275	41526	41228	0.79	cps
Rhodium	103-1	12487642	12615276	12590429	12564449	0.54	cps
Rhodium	103-2	5640220	5652875	6431621	5908239	7.67	cps
Scandium	45-1	8135770	8110766	8086972	8111169	0.30	cps
Scandium	45-2	360214	357970	403948	374044	6.93	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	102	104	98	101	2.80	cps
Selenium	82-1	-51	-13	54	-3	-1573.20	cps
Silicon	28-1	276317	277069	276310	276565	0.16	cps
Silver	109-1	125	108	200	144	33.80	cps
Silver	107-1	225	192	192	203	9.49	cps
Sodium	23-2	36704	35368	36612	36228	2.06	cps
Strontium	86-1	592	525	592	569	6.76	cps
Strontium	88-1	333	242	267	281	16.89	cps
Sulfur	34-1	274611	274356	275511	274826	0.22	cps
Terbium	159-1	16744858	16799343	16982886	16842362	0.74	cps
Terbium	159-2	8605146	8520985	9666918	8931016	7.15	cps
Thallium	203-1	575	600	542	572	5.11	cps
Thallium	205-1	1075	1300	1400	1258	13.23	cps
Tin	118-1	1934	2084	1875	1964	5.47	cps
Titanium	47-1	192	225	192	203	9.49	cps
Uranium	238-1	217	67	142	142	52.94	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Yttrium	89-1	14154882	14037183	14120750	14104272	0.43	cps
Yttrium	89-2	2024415	2012331	2287407	2108051	7.37	cps
Zinc	66-2	410	367	397	391	5.67	cps
Zirconium	90-1	1150	1250	1067	1156	7.94	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106162BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:29:12	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	242	283	250	12.02	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106162BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:32:44	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4284	4251	4292	4276	0.52	cps
Antimony	121-1	39891	39790	40501	40061	0.96	cps
Arsenic	75-2	765	724	752	747	2.79	cps
Barium	135-1	48017	48160	47407	47861	0.84	cps
Barium	137-1	85102	81254	82136	82831	2.43	cps
Beryllium	9-1	2678	3034	2745	2819	6.71	cps
Bismuth	209-1	9983944	9857203	9905849	9915665	0.64	cps
Bismuth	209-2	7072679	7183399	7159446	7138508	0.82	cps
Boron	10-1	7219	7185	7886	7430	5.32	cps
Boron	11-1	36244	35735	37180	36386	2.01	cps
Cadmium	111-1	7658	7395	7031	7361	4.28	cps
Cadmium	106-1	4776	4234	4217	4409	7.21	cps
Cadmium	108-1	379	379	329	363	7.96	cps
Calcium	43-1	27827	27877	27518	27741	0.70	cps
Calcium	44-1	453837	456984	451931	454251	0.56	cps
Chromium	52-2	14244	14307	14080	14210	0.82	cps
Cobalt	59-2	10901	10727	10427	10685	2.24	cps
Copper	63-2	20047	20335	19657	20013	1.70	cps
Dysprosium	156-1	42	0	25	22	94.38	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	67	158	92	106	44.89	cps
Erbium	164-2	67	50	73	63	18.98	cps
Gadolinium	160-1	42	92	83	72	37.09	cps
Gadolinium	160-2	130	90	143	121	22.92	cps
Holmium	165-1	16122098	16020479	16109455	16084011	0.34	cps
Holmium	165-2	9834342	9911121	9845823	9863762	0.42	cps
Indium	115-1	13626411	13561797	13532494	13573567	0.35	cps
Indium	115-2	3087150	3132752	3105920	3108608	0.74	cps
Iron	56-2	1242182	1246090	1247958	1245410	0.24	cps
Iron	57-2	30855	31167	30922	30981	0.53	cps
Lead	206-1	15660	14936	15098	15231	2.49	cps
Lead	207-1	13719	13441	13346	13502	1.43	cps
Lead	208-1	62097	60829	60321	61082	1.50	cps
Lithium	6-1	1945972	1945103	1962313	1951129	0.50	cps
Magnesium	24-2	238570	235217	234769	236185	0.88	cps
Manganese	55-2	3937	4514	4277	4243	6.83	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106162BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:32:44	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	40024	40601	40399	40341	0.73	cps
Molybdenum	95-1	49227	48609	48576	48804	0.75	cps
Molybdenum	96-1	53150	54036	53200	53462	0.93	cps
Molybdenum	97-1	29824	30308	29682	29938	1.10	cps
Molybdenum	98-1	76791	77636	78350	77592	1.01	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3100	2834	3030	2988	4.63	cps
Phosphorus	31-2	392	358	467	406	13.68	cps
Potassium	39-2	283153	282532	284971	283552	0.45	cps
Rhodium	103-1	12601215	12596364	12645354	12614311	0.21	cps
Rhodium	103-2	6607154	6706671	6679557	6664461	0.77	cps
Scandium	45-1	8218076	8111718	8134520	8154771	0.69	cps
Scandium	45-2	415567	417429	419428	417475	0.46	cps
Selenium	77-2	63	93	80	79	19.06	cps
Selenium	78-2	361	350	387	366	5.19	cps
Selenium	82-1	1499	1451	1550	1500	3.28	cps
Silicon	28-1	429285	429755	431954	430331	0.33	cps
Silver	109-1	22811	23053	22661	22841	0.87	cps
Silver	107-1	24489	23420	23971	23960	2.23	cps
Sodium	23-2	471004	472782	470442	471409	0.26	cps
Strontium	86-1	6652	7035	7327	7005	4.84	cps
Strontium	88-1	56278	57332	56194	56601	1.12	cps
Sulfur	34-1	287312	289232	288205	288250	0.33	cps
Terbium	159-1	16811439	16717576	16818192	16782402	0.34	cps
Terbium	159-2	9857651	9976098	9971118	9934956	0.67	cps
Thallium	203-1	18130	17988	17070	17729	3.24	cps
Thallium	205-1	42745	40847	42335	41976	2.38	cps
Tin	118-1	80900	81251	80976	81043	0.23	cps
Titanium	47-1	12865	12689	13615	13056	3.77	cps
Uranium	238-1	58097	58139	58432	58223	0.31	cps
Vanadium	51-2	26220	26097	26056	26124	0.33	cps
Yttrium	89-1	14248886	14191299	14204864	14215016	0.21	cps
Yttrium	89-2	2323662	2381650	2354737	2353350	1.23	cps
Zinc	66-2	2847	2764	2840	2817	1.64	cps
Zirconium	90-1	35921	36280	35512	35904	1.07	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	PB106162BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:32:44	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8086	7844	8053	7994	1.64	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-01	Instrumnet Name :	P7
Client Sample ID :	MF6C14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:44:59	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2341766	2337715	2366486	2348656	0.66	cps
Antimony	121-1	6619	6844	6994	6819	2.77	cps
Arsenic	75-2	25823	25842	25279	25648	1.25	cps
Barium	135-1	1689184	1678125	1679295	1682201	0.36	cps
Barium	137-1	2962921	2972085	2964209	2966405	0.17	cps
Beryllium	9-1	3756	3384	3484	3541	5.44	cps
Bismuth	209-1	9956006	10085871	9978654	10006844	0.69	cps
Bismuth	209-2	6833476	6882186	6941206	6885623	0.78	cps
Boron	10-1	1242	1300	1175	1239	5.05	cps
Boron	11-1	6585	6268	6568	6474	2.75	cps
Cadmium	111-1	4386	4262	4230	4293	1.92	cps
Cadmium	106-1	4209	4026	4167	4134	2.33	cps
Cadmium	108-1	200	175	292	222	27.64	cps
Calcium	43-1	2153151	2153143	2156880	2154392	0.10	cps
Calcium	44-1	36023328	35812483	35791976	35875929	0.36	cps
Chromium	52-2	108250	107451	110836	108846	1.63	cps
Cobalt	59-2	175830	172868	174473	174390	0.85	cps
Copper	63-2	181151	180353	181810	181105	0.40	cps
Dysprosium	156-1	99787	98025	98201	98671	0.98	cps
Dysprosium	156-2	54130	55020	55673	54941	1.41	cps
Erbium	164-1	76767	77931	77973	77557	0.88	cps
Erbium	164-2	44409	45693	44974	45025	1.43	cps
Gadolinium	160-1	91456	91313	91086	91285	0.20	cps
Gadolinium	160-2	59418	59750	59057	59408	0.58	cps
Holmium	165-1	16582392	16527512	16357057	16488987	0.71	cps
Holmium	165-2	9774732	9808620	9797133	9793495	0.18	cps
Indium	115-1	13623542	13734616	13558383	13638847	0.65	cps
Indium	115-2	2999344	3013364	3033718	3015475	0.57	cps
Iron	56-2	132930820	132481009	133403484	132938437	0.35	cps
Iron	57-2	3225459	3201908	3234509	3220625	0.52	cps
Lead	206-1	306459	302380	305123	304654	0.68	cps
Lead	207-1	249796	248995	246150	248314	0.77	cps
Lead	208-1	1185151	1175793	1177775	1179573	0.42	cps
Lithium	6-1	2024723	2011756	1995094	2010524	0.74	cps
Magnesium	24-2	3770848	3769096	3787071	3775671	0.26	cps
Manganese	55-2	2618125	2616223	2651501	2628616	0.75	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-01	Instrumnet Name :	P7
Client Sample ID :	MF6C14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:44:59	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	38068	37174	37843	37695	1.23	cps
Molybdenum	95-1	4259	4292	4243	4265	0.60	cps
Molybdenum	96-1	11447	11780	11472	11566	1.61	cps
Molybdenum	97-1	2484	2467	2375	2442	2.39	cps
Molybdenum	98-1	6210	6493	6035	6246	3.70	cps
Neodymium	150-1	159755	160281	162229	160755	0.81	cps
Neodymium	150-2	76246	75696	75830	75924	0.38	cps
Nickel	60-2	104519	103683	105574	104592	0.91	cps
Phosphorus	31-2	7419	7519	7836	7591	2.87	cps
Potassium	39-2	771779	774719	781244	775914	0.62	cps
Rhodium	103-1	12387810	12334655	12307043	12343170	0.33	cps
Rhodium	103-2	6387733	6379972	6372894	6380199	0.12	cps
Scandium	45-1	8281766	8372728	8258522	8304338	0.73	cps
Scandium	45-2	411929	408080	411304	410438	0.50	cps
Selenium	77-2	233	260	207	233	11.43	cps
Selenium	78-2	206	187	244	212	13.80	cps
Selenium	82-1	116	239	62	139	65.47	cps
Silicon	28-1	6246628	6164193	6199043	6203288	0.67	cps
Silver	109-1	1675	1742	1775	1731	2.94	cps
Silver	107-1	1834	1792	2017	1881	6.37	cps
Sodium	23-2	518670	518895	521672	519746	0.32	cps
Strontium	86-1	482438	487375	486281	485365	0.53	cps
Strontium	88-1	4317974	4296172	4279101	4297749	0.45	cps
Sulfur	34-1	274758	275139	276112	275336	0.25	cps
Terbium	159-1	17259698	17154818	17135585	17183367	0.39	cps
Terbium	159-2	9842212	9857184	9865185	9854860	0.12	cps
Thallium	203-1	5835	6060	5618	5838	3.78	cps
Thallium	205-1	15101	13449	13616	14055	6.47	cps
Tin	118-1	16402	16644	16952	16666	1.65	cps
Titanium	47-1	57664	58961	57011	57879	1.71	cps
Uranium	238-1	75007	74732	76550	75430	1.30	cps
Vanadium	51-2	165466	165291	166548	165768	0.41	cps
Yttrium	89-1	15188236	15314556	15080436	15194409	0.77	cps
Yttrium	89-2	2448265	2444926	2445650	2446281	0.07	cps
Zinc	66-2	69916	70134	69514	69855	0.45	cps
Zirconium	90-1	97641	97279	98218	97713	0.49	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-01	Instrumnet Name :	P7
Client Sample ID :	MF6C14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:44:59	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	22902	21442	21550	21965	3.70	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-02	Instrumnet Name :	P7
Client Sample ID :	MF6C15	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:48:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1563216	1568311	1562471	1564666	0.20	cps
Antimony	121-1	3309	3409	3559	3426	3.67	cps
Arsenic	75-2	10634	10654	10411	10566	1.27	cps
Barium	135-1	1479053	1488221	1489277	1485517	0.38	cps
Barium	137-1	2604463	2597534	2601783	2601260	0.13	cps
Beryllium	9-1	2845	2878	2767	2830	2.02	cps
Bismuth	209-1	10171778	10064595	10094104	10110159	0.55	cps
Bismuth	209-2	7055464	7000440	7030688	7028864	0.39	cps
Boron	10-1	767	567	667	667	15.00	cps
Boron	11-1	3401	3751	3617	3589	4.92	cps
Cadmium	111-1	5394	5604	5518	5505	1.92	cps
Cadmium	106-1	4551	4676	4459	4562	2.39	cps
Cadmium	108-1	221	242	292	251	14.48	cps
Calcium	43-1	1934686	1932344	1924967	1930666	0.26	cps
Calcium	44-1	32280813	32282904	31933283	32165667	0.63	cps
Chromium	52-2	75690	75747	74283	75240	1.10	cps
Cobalt	59-2	109420	109212	109475	109369	0.13	cps
Copper	63-2	180301	181655	181915	181290	0.48	cps
Dysprosium	156-1	107713	108931	109536	108727	0.85	cps
Dysprosium	156-2	59904	60490	60914	60436	0.84	cps
Erbium	164-1	106531	105692	107085	106436	0.66	cps
Erbium	164-2	60640	61926	60812	61126	1.14	cps
Gadolinium	160-1	106673	104817	107899	106463	1.46	cps
Gadolinium	160-2	66889	67854	68266	67669	1.04	cps
Holmium	165-1	16759493	16732001	16786404	16759299	0.16	cps
Holmium	165-2	10016218	9855032	9871665	9914305	0.89	cps
Indium	115-1	13845908	13764477	13884835	13831740	0.44	cps
Indium	115-2	3058793	3059809	3047376	3055326	0.23	cps
Iron	56-2	104695688	105018458	104924263	104879470	0.16	cps
Iron	57-2	2521529	2525662	2530994	2526062	0.19	cps
Lead	206-1	238930	241633	241662	240742	0.65	cps
Lead	207-1	197146	196257	199051	197485	0.72	cps
Lead	208-1	936738	935012	935647	935799	0.09	cps
Lithium	6-1	1945648	1924938	1926405	1932330	0.60	cps
Magnesium	24-2	2486469	2496536	2481707	2488237	0.30	cps
Manganese	55-2	1660327	1668561	1675758	1668215	0.46	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-02	Instrumnet Name :	P7
Client Sample ID :	MF6C15	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:48:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	23771	23512	23253	23512	1.10	cps
Molybdenum	95-1	2484	2584	2509	2525	2.06	cps
Molybdenum	96-1	7119	7319	7219	7219	1.39	cps
Molybdenum	97-1	1850	1659	1584	1697	8.10	cps
Molybdenum	98-1	4184	4017	4109	4104	2.04	cps
Neodymium	150-1	162215	165286	165887	164463	1.20	cps
Neodymium	150-2	76081	75264	76554	75966	0.86	cps
Nickel	60-2	68107	67987	67565	67886	0.42	cps
Phosphorus	31-2	6277	6652	6477	6468	2.90	cps
Potassium	39-2	592270	596712	594234	594406	0.37	cps
Rhodium	103-1	12448797	12466242	12445100	12453380	0.09	cps
Rhodium	103-2	6536589	6518447	6458505	6504514	0.63	cps
Scandium	45-1	8102378	8130835	8076030	8103081	0.34	cps
Scandium	45-2	413530	409285	409204	410673	0.60	cps
Selenium	77-2	250	260	183	231	18.03	cps
Selenium	78-2	233	257	191	227	14.86	cps
Selenium	82-1	169	73	157	133	39.56	cps
Silicon	28-1	6993919	6999081	7011409	7001470	0.13	cps
Silver	109-1	1525	1508	1784	1606	9.60	cps
Silver	107-1	1592	1734	1709	1678	4.51	cps
Sodium	23-2	467257	468812	469823	468631	0.28	cps
Strontium	86-1	293279	295959	294454	294564	0.46	cps
Strontium	88-1	2585920	2570635	2586341	2580965	0.35	cps
Sulfur	34-1	268103	265339	263432	265625	0.88	cps
Terbium	159-1	17373238	17379453	17487578	17413423	0.37	cps
Terbium	159-2	10069906	9956339	9994843	10007029	0.58	cps
Thallium	203-1	4909	4943	4768	4873	1.91	cps
Thallium	205-1	11714	11255	11230	11400	2.39	cps
Tin	118-1	9921	10471	10880	10424	4.62	cps
Titanium	47-1	42721	43156	41526	42468	1.99	cps
Uranium	238-1	58826	58725	58725	58758	0.10	cps
Vanadium	51-2	136891	137403	137336	137210	0.20	cps
Yttrium	89-1	15877578	15818310	15854975	15850288	0.19	cps
Yttrium	89-2	2581797	2556801	2554028	2564209	0.60	cps
Zinc	66-2	61288	61171	61810	61423	0.55	cps
Zirconium	90-1	58797	60486	59123	59469	1.51	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-02	Instrumnet Name :	P7
Client Sample ID :	MF6C15	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:48:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	13240	12973	13624	13279	2.46	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-03	Instrumnet Name :	P7
Client Sample ID :	MF6C16	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:52:04	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1398330	1397960	1408923	1401738	0.44	cps
Antimony	121-1	6077	6493	6635	6402	4.54	cps
Arsenic	75-2	14053	13820	14365	14079	1.94	cps
Barium	135-1	1039580	1042011	1039736	1040442	0.13	cps
Barium	137-1	1818903	1822776	1810687	1817455	0.34	cps
Beryllium	9-1	2089	2061	2034	2061	1.35	cps
Bismuth	209-1	9882004	10099160	10124978	10035380	1.33	cps
Bismuth	209-2	6969988	6871683	7171451	7004374	2.18	cps
Boron	10-1	1008	908	1008	975	5.92	cps
Boron	11-1	5018	5018	5026	5020	0.10	cps
Cadmium	111-1	7857	7270	7556	7561	3.88	cps
Cadmium	106-1	5043	4868	4726	4879	3.25	cps
Cadmium	108-1	350	513	421	428	19.05	cps
Calcium	43-1	4581181	4579402	4550708	4570431	0.37	cps
Calcium	44-1	75143933	74937495	75190537	75090655	0.18	cps
Chromium	52-2	72256	71462	72889	72202	0.99	cps
Cobalt	59-2	86429	88113	89920	88154	1.98	cps
Copper	63-2	125922	128679	131423	128675	2.14	cps
Dysprosium	156-1	84284	82364	80997	82548	2.00	cps
Dysprosium	156-2	44261	44733	45646	44880	1.57	cps
Erbium	164-1	68548	70834	68766	69383	1.82	cps
Erbium	164-2	39454	39925	40022	39800	0.76	cps
Gadolinium	160-1	77712	78031	79045	78263	0.89	cps
Gadolinium	160-2	49492	48613	49931	49345	1.36	cps
Holmium	165-1	16577939	16863718	17009867	16817175	1.31	cps
Holmium	165-2	9916053	9854716	10198948	9989906	1.84	cps
Indium	115-1	13575591	13992620	14004972	13857728	1.76	cps
Indium	115-2	3016935	3031127	3131267	3059777	2.04	cps
Iron	56-2	78469055	79167321	80496027	79377468	1.30	cps
Iron	57-2	1893168	1913614	1936355	1914379	1.13	cps
Lead	206-1	188394	188112	186940	187815	0.41	cps
Lead	207-1	153031	153385	152212	152876	0.39	cps
Lead	208-1	723660	725233	724348	724414	0.11	cps
Lithium	6-1	1828003	1839499	1850984	1839495	0.62	cps
Magnesium	24-2	3503031	3525269	3564950	3531083	0.89	cps
Manganese	55-2	1992098	2014565	2048342	2018335	1.40	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-03	Instrumnet Name :	P7
Client Sample ID :	MF6C16	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:52:04	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	53618	52097	52748	52821	1.45	cps
Molybdenum	95-1	6393	6277	6435	6368	1.29	cps
Molybdenum	96-1	15309	15125	16126	15520	3.43	cps
Molybdenum	97-1	3826	3984	3642	3817	4.48	cps
Molybdenum	98-1	9779	9604	9454	9612	1.69	cps
Neodymium	150-1	130903	129314	129328	129848	0.70	cps
Neodymium	150-2	58493	59836	60375	59568	1.63	cps
Nickel	60-2	56284	57683	57141	57036	1.24	cps
Phosphorus	31-2	5601	5426	5385	5471	2.10	cps
Potassium	39-2	511844	510704	523090	515213	1.33	cps
Rhodium	103-1	12198801	12437046	12623716	12419854	1.71	cps
Rhodium	103-2	6442168	6407921	6641055	6497048	1.94	cps
Scandium	45-1	7847652	8065734	8093791	8002392	1.68	cps
Scandium	45-2	412862	411015	421271	415049	1.32	cps
Selenium	77-2	207	137	187	177	20.41	cps
Selenium	78-2	198	187	181	189	4.49	cps
Selenium	82-1	162	106	15	94	78.95	cps
Silicon	28-1	5414629	5451096	5388815	5418180	0.58	cps
Silver	109-1	1634	1900	1850	1795	7.90	cps
Silver	107-1	1817	1950	1817	1861	4.14	cps
Sodium	23-2	302996	303481	307527	304668	0.82	cps
Strontium	86-1	516038	517150	514680	515956	0.24	cps
Strontium	88-1	4573923	4588463	4583704	4582030	0.16	cps
Sulfur	34-1	280354	280401	283297	281351	0.60	cps
Terbium	159-1	17248586	17607258	17798246	17551363	1.59	cps
Terbium	159-2	10003593	9880124	10235714	10039810	1.80	cps
Thallium	203-1	3617	3501	3509	3542	1.84	cps
Thallium	205-1	9095	8311	8094	8500	6.19	cps
Tin	118-1	8420	9278	9512	9070	6.34	cps
Titanium	47-1	72185	73584	72671	72814	0.98	cps
Uranium	238-1	73449	71379	71823	72217	1.51	cps
Vanadium	51-2	117829	119923	121922	119891	1.71	cps
Yttrium	89-1	15078724	15358315	15458217	15298419	1.29	cps
Yttrium	89-2	2467286	2451568	2534070	2484308	1.76	cps
Zinc	66-2	48430	49380	49775	49195	1.40	cps
Zirconium	90-1	134039	135747	135939	135242	0.77	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-03	Instrumnet Name :	P7
Client Sample ID :	MF6C16	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:52:04	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	30183	30199	30433	30272	0.46	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-04	Instrumnet Name :	P7
Client Sample ID :	MF6C16D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:55:37	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1398420	1397223	1404255	1399966	0.27	cps
Antimony	121-1	5952	6102	6193	6082	2.01	cps
Arsenic	75-2	12923	12700	12732	12785	0.94	cps
Barium	135-1	1059023	1044668	1050056	1051249	0.69	cps
Barium	137-1	1836767	1844704	1837515	1839662	0.24	cps
Beryllium	9-1	1989	1917	1845	1917	3.77	cps
Bismuth	209-1	10330629	10556925	10515579	10467711	1.15	cps
Bismuth	209-2	6930000	7063769	7166067	7053279	1.68	cps
Boron	10-1	1050	775	958	928	15.09	cps
Boron	11-1	4618	4334	4618	4523	3.62	cps
Cadmium	111-1	7262	7215	7505	7327	2.12	cps
Cadmium	106-1	4851	5135	4701	4896	4.50	cps
Cadmium	108-1	442	429	350	407	12.22	cps
Calcium	43-1	4327466	4286637	4308522	4307542	0.47	cps
Calcium	44-1	71003189	70438783	71072964	70838312	0.49	cps
Chromium	52-2	72440	71472	72262	72058	0.72	cps
Cobalt	59-2	87988	87663	87325	87659	0.38	cps
Copper	63-2	122544	123310	122232	122695	0.45	cps
Dysprosium	156-1	80621	79817	81022	80487	0.76	cps
Dysprosium	156-2	43221	43044	44171	43479	1.39	cps
Erbium	164-1	68079	67953	68657	68230	0.55	cps
Erbium	164-2	38090	38090	38611	38264	0.79	cps
Gadolinium	160-1	79314	76153	75718	77062	2.55	cps
Gadolinium	160-2	47960	47997	47512	47823	0.56	cps
Holmium	165-1	17455132	17400913	17617618	17491221	0.64	cps
Holmium	165-2	9940334	10120708	10289352	10116798	1.73	cps
Indium	115-1	14332273	14448744	14427654	14402890	0.43	cps
Indium	115-2	3026313	3108563	3135433	3090103	1.84	cps
Iron	56-2	77991105	77643482	78095735	77910107	0.30	cps
Iron	57-2	1888217	1890020	1878890	1885709	0.32	cps
Lead	206-1	183958	184405	185115	184493	0.32	cps
Lead	207-1	151975	153763	151717	152485	0.73	cps
Lead	208-1	717084	718639	715398	717040	0.23	cps
Lithium	6-1	1799303	1821860	1800410	1807191	0.70	cps
Magnesium	24-2	3515423	3508492	3522953	3515622	0.21	cps
Manganese	55-2	1898328	1900510	1905168	1901335	0.18	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-04	Instrumnet Name :	P7
Client Sample ID :	MF6C16D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:55:37	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	51209	52890	51853	51984	1.63	cps
Molybdenum	95-1	6077	5551	5593	5740	5.09	cps
Molybdenum	96-1	14858	14925	15384	15056	1.90	cps
Molybdenum	97-1	3501	3676	3934	3703	5.89	cps
Molybdenum	98-1	9253	8661	9328	9081	4.02	cps
Neodymium	150-1	126799	127464	127161	127141	0.26	cps
Neodymium	150-2	57121	56555	58567	57414	1.81	cps
Nickel	60-2	56301	55913	55762	55992	0.50	cps
Phosphorus	31-2	5451	5626	5518	5532	1.60	cps
Potassium	39-2	512739	519159	519016	516972	0.71	cps
Rhodium	103-1	12780500	12919472	12942325	12880766	0.68	cps
Rhodium	103-2	6495765	6623150	6682637	6600517	1.45	cps
Scandium	45-1	8157695	8208219	8257460	8207791	0.61	cps
Scandium	45-2	408055	417815	423898	416590	1.92	cps
Selenium	77-2	180	187	177	181	2.81	cps
Selenium	78-2	202	154	185	180	13.57	cps
Selenium	82-1	240	77	57	125	80.37	cps
Silicon	28-1	5751729	5665810	5673794	5697111	0.83	cps
Silver	109-1	1533	1417	1483	1478	3.96	cps
Silver	107-1	1709	1950	1950	1870	7.46	cps
Sodium	23-2	302204	300806	302197	301735	0.27	cps
Strontium	86-1	509085	506936	506423	507481	0.28	cps
Strontium	88-1	4521535	4486327	4505668	4504510	0.39	cps
Sulfur	34-1	278108	276784	276878	277257	0.27	cps
Terbium	159-1	18168549	18363300	18282899	18271583	0.54	cps
Terbium	159-2	9973508	10118342	10267612	10119821	1.45	cps
Thallium	203-1	3251	3459	3776	3495	7.57	cps
Thallium	205-1	8737	8503	8320	8520	2.45	cps
Tin	118-1	8670	9020	9562	9084	4.95	cps
Titanium	47-1	74749	72546	75393	74229	2.01	cps
Uranium	238-1	70258	71287	70810	70785	0.73	cps
Vanadium	51-2	116948	114685	117638	116424	1.33	cps
Yttrium	89-1	15719770	15786646	15750250	15752222	0.21	cps
Yttrium	89-2	2458534	2490647	2526351	2491844	1.36	cps
Zinc	66-2	47748	48557	49179	48495	1.48	cps
Zirconium	90-1	132634	131962	132811	132469	0.34	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-04	Instrumnet Name :	P7
Client Sample ID :	MF6C16D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 13:55:37	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	29640	29131	29189	29320	0.95	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-03LX5	Instrumnet Name :	P7
Client Sample ID :	MF6C16L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-30 13:59:08	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	281444	280041	280622	280702	0.25	cps
Antimony	121-1	1700	1692	1458	1617	8.49	cps
Arsenic	75-2	2980	2815	2860	2885	2.96	cps
Barium	135-1	209989	208220	209039	209082	0.42	cps
Barium	137-1	364217	368794	365961	366324	0.63	cps
Beryllium	9-1	472	561	461	498	11.00	cps
Bismuth	209-1	10527220	10418717	10554060	10499999	0.68	cps
Bismuth	209-2	7062188	6901210	7167300	7043566	1.90	cps
Boron	10-1	450	542	475	489	9.69	cps
Boron	11-1	2075	2292	2292	2220	5.64	cps
Cadmium	111-1	3756	3494	3949	3733	6.11	cps
Cadmium	106-1	4159	4026	4234	4140	2.55	cps
Cadmium	108-1	92	88	75	85	10.24	cps
Calcium	43-1	914880	917684	912894	915152	0.26	cps
Calcium	44-1	15189758	15276721	15202894	15223124	0.31	cps
Chromium	52-2	15208	15151	14748	15036	1.67	cps
Cobalt	59-2	17888	18071	18225	18061	0.93	cps
Copper	63-2	29537	29196	28712	29148	1.42	cps
Dysprosium	156-1	16869	17103	17003	16992	0.69	cps
Dysprosium	156-2	9010	9030	8980	9006	0.28	cps
Erbium	164-1	13774	14024	14049	13949	1.09	cps
Erbium	164-2	7712	7842	7932	7829	1.41	cps
Gadolinium	160-1	16160	15468	15818	15815	2.19	cps
Gadolinium	160-2	10060	9847	9660	9856	2.03	cps
Holmium	165-1	17205360	17214847	17357921	17259376	0.50	cps
Holmium	165-2	9853730	9896928	9993917	9914858	0.72	cps
Indium	115-1	14415752	14355049	14439372	14403391	0.30	cps
Indium	115-2	3041133	3049484	3087170	3059262	0.80	cps
Iron	56-2	16219181	16251188	16263271	16244546	0.14	cps
Iron	57-2	386371	387242	389312	387642	0.39	cps
Lead	206-1	39877	39281	39637	39599	0.76	cps
Lead	207-1	33487	33677	31995	33053	2.79	cps
Lead	208-1	154132	154619	154198	154316	0.17	cps
Lithium	6-1	1704954	1706724	1706251	1705976	0.05	cps
Magnesium	24-2	705095	706208	702970	704758	0.23	cps
Manganese	55-2	404956	406962	407988	406635	0.38	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-03LX5	Instrumnet Name :	P7
Client Sample ID :	MF6C16L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-30 13:59:08	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12448	11113	12006	11855	5.73	cps
Molybdenum	95-1	1583	1317	1475	1458	9.20	cps
Molybdenum	96-1	3909	3434	3426	3590	7.71	cps
Molybdenum	97-1	1067	917	867	950	10.96	cps
Molybdenum	98-1	2292	2134	2250	2225	3.69	cps
Neodymium	150-1	25184	26613	25277	25691	3.11	cps
Neodymium	150-2	11795	12012	11775	11861	1.11	cps
Nickel	60-2	12012	11798	11768	11859	1.12	cps
Phosphorus	31-2	1492	1333	1208	1345	10.56	cps
Potassium	39-2	135387	136953	135816	136052	0.59	cps
Rhodium	103-1	13032384	13030895	13257839	13107039	1.00	cps
Rhodium	103-2	6598323	6585431	6702417	6628724	0.97	cps
Scandium	45-1	8219899	8215171	8172224	8202431	0.32	cps
Scandium	45-2	406380	404804	415805	408996	1.45	cps
Selenium	77-2	30	27	53	37	39.62	cps
Selenium	78-2	111	111	115	112	1.91	cps
Selenium	82-1	63	1	-27	12	374.84	cps
Silicon	28-1	1419643	1419161	1416020	1418275	0.14	cps
Silver	109-1	542	558	525	542	3.08	cps
Silver	107-1	833	708	558	700	19.67	cps
Sodium	23-2	88008	87228	90028	88421	1.63	cps
Strontium	86-1	106511	106727	106543	106594	0.11	cps
Strontium	88-1	912585	926851	917704	919046	0.79	cps
Sulfur	34-1	286456	287463	285901	286606	0.28	cps
Terbium	159-1	17993705	17952795	18143775	18030092	0.56	cps
Terbium	159-2	9885899	9911308	10041587	9946265	0.84	cps
Thallium	203-1	842	658	833	778	13.31	cps
Thallium	205-1	1984	1834	2067	1961	6.03	cps
Tin	118-1	3576	2950	3326	3284	9.58	cps
Titanium	47-1	15158	15475	14725	15119	2.49	cps
Uranium	238-1	14167	14233	14300	14233	0.47	cps
Vanadium	51-2	24614	24253	24267	24378	0.84	cps
Yttrium	89-1	15042031	14977756	15018702	15012829	0.22	cps
Yttrium	89-2	2333138	2332258	2373615	2346337	1.01	cps
Zinc	66-2	10651	10167	10491	10436	2.36	cps
Zirconium	90-1	29397	30258	29131	29595	1.99	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-03LX5	Instrumnet Name :	P7
Client Sample ID :	MF6C16L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-30 13:59:08	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6794	6777	6685	6752	0.86	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-05	Instrumnet Name :	P7
Client Sample ID :	MF6C16S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 14:02:39	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1259070	1268480	1380954	1302835	5.21	cps
Antimony	121-1	224348	223459	219778	222528	1.09	cps
Arsenic	75-2	14201	14587	16098	14962	6.70	cps
Barium	135-1	2111258	2118832	2115437	2115176	0.18	cps
Barium	137-1	3699145	3704230	3688341	3697239	0.22	cps
Beryllium	9-1	13239	14446	13356	13681	4.86	cps
Bismuth	209-1	10338628	10197392	10259803	10265274	0.69	cps
Bismuth	209-2	5887154	6360874	6948006	6398678	8.31	cps
Boron	10-1	933	1000	850	928	8.10	cps
Boron	11-1	4209	4401	4192	4267	2.71	cps
Cadmium	111-1	32007	32075	31652	31911	0.71	cps
Cadmium	106-1	6860	6860	7144	6955	2.35	cps
Cadmium	108-1	2113	2104	2009	2075	2.79	cps
Calcium	43-1	4291836	4314550	4280083	4295490	0.41	cps
Calcium	44-1	71551664	71286758	70709289	71182570	0.61	cps
Chromium	52-2	183694	183990	200436	189373	5.06	cps
Cobalt	59-2	562834	565487	615518	581280	5.11	cps
Copper	63-2	284338	287088	311692	294373	5.12	cps
Dysprosium	156-1	81174	80134	79623	80310	0.98	cps
Dysprosium	156-2	40039	39594	43068	40900	4.62	cps
Erbium	164-1	67559	67644	67125	67443	0.41	cps
Erbium	164-2	34594	34420	36582	35199	3.41	cps
Gadolinium	160-1	78350	77705	75928	77328	1.62	cps
Gadolinium	160-2	43164	44047	46612	44608	4.02	cps
Holmium	165-1	17354969	17212688	17055558	17207738	0.87	cps
Holmium	165-2	8544968	9112002	9904585	9187185	7.43	cps
Indium	115-1	14219823	14109375	14012543	14113914	0.73	cps
Indium	115-2	2597311	2772305	3029957	2799857	7.77	cps
Iron	56-2	70291739	70115574	76538904	72315406	5.06	cps
Iron	57-2	1684336	1691477	1863556	1746456	5.81	cps
Lead	206-1	218082	217245	215846	217058	0.52	cps
Lead	207-1	177839	182025	182254	180706	1.38	cps
Lead	208-1	842345	848541	845481	845456	0.37	cps
Lithium	6-1	1726836	1728638	1661974	1705816	2.23	cps
Magnesium	24-2	3103330	3106034	3407391	3205585	5.45	cps
Manganese	55-2	1890994	1894880	2086494	1957456	5.71	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-05	Instrumnet Name :	P7
Client Sample ID :	MF6C16S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 14:02:39	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	52097	51527	50951	51525	1.11	cps
Molybdenum	95-1	5793	6227	5768	5929	4.35	cps
Molybdenum	96-1	15359	15359	14958	15225	1.52	cps
Molybdenum	97-1	3484	3651	3501	3545	2.59	cps
Molybdenum	98-1	9912	9087	9445	9481	4.37	cps
Neodymium	150-1	128548	127855	126717	127707	0.72	cps
Neodymium	150-2	51680	51773	56552	53335	5.22	cps
Nickel	60-2	176494	177649	194359	182834	5.47	cps
Phosphorus	31-2	4793	4501	5601	4965	11.48	cps
Potassium	39-2	458572	461350	500610	473511	4.96	cps
Rhodium	103-1	12682702	12539792	12471054	12564516	0.86	cps
Rhodium	103-2	5464268	5933158	6495678	5964368	8.66	cps
Scandium	45-1	8104844	8012399	7895338	8004193	1.31	cps
Scandium	45-2	350634	373876	410988	378499	8.04	cps
Selenium	77-2	283	313	310	302	5.44	cps
Selenium	78-2	669	693	726	696	4.14	cps
Selenium	82-1	3077	3302	3162	3180	3.57	cps
Silicon	28-1	5842734	5851631	5797998	5830788	0.49	cps
Silver	109-1	117628	114453	117501	116527	1.54	cps
Silver	107-1	122022	123853	122284	122719	0.81	cps
Sodium	23-2	264102	265326	284161	271196	4.15	cps
Strontium	86-1	510835	505454	511196	509162	0.63	cps
Strontium	88-1	4503740	4490836	4503415	4499330	0.16	cps
Sulfur	34-1	285852	278880	282576	282436	1.24	cps
Terbium	159-1	18000421	17868486	17640079	17836329	1.02	cps
Terbium	159-2	8556609	9120820	9928146	9201858	7.49	cps
Thallium	203-1	98631	99001	96977	98203	1.10	cps
Thallium	205-1	233614	237609	232066	234430	1.22	cps
Tin	118-1	8453	8928	8678	8686	2.74	cps
Titanium	47-1	72529	74229	71675	72811	1.79	cps
Uranium	238-1	70248	71161	70031	70480	0.85	cps
Vanadium	51-2	350926	353354	385973	363418	5.39	cps
Yttrium	89-1	15600508	15404054	15341685	15448749	0.87	cps
Yttrium	89-2	2095032	2243963	2434273	2257756	7.53	cps
Zinc	66-2	90622	90830	98493	93315	4.81	cps
Zirconium	90-1	127790	130237	130212	129413	1.09	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-05	Instrumnet Name :	P7
Client Sample ID :	MF6C16S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 14:02:39	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	29022	29782	29114	29306	1.42	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-06	Instrumnet Name :	P7
Client Sample ID :	MF6C17	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 14:06:11	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1193440	1198703	1202705	1198283	0.39	cps
Antimony	121-1	4893	4734	5134	4921	4.10	cps
Arsenic	75-2	2934	2804	2682	2806	4.49	cps
Barium	135-1	938141	938462	936888	937830	0.09	cps
Barium	137-1	1656723	1662554	1629777	1649685	1.06	cps
Beryllium	9-1	1367	1411	1328	1369	3.05	cps
Bismuth	209-1	10410170	10534561	10598726	10514486	0.91	cps
Bismuth	209-2	7011504	6964686	7035863	7004018	0.52	cps
Boron	10-1	833	875	933	881	5.70	cps
Boron	11-1	4259	4184	4426	4290	2.88	cps
Cadmium	111-1	3339	3194	3281	3272	2.23	cps
Cadmium	106-1	4418	4176	4301	4298	2.81	cps
Cadmium	108-1	171	113	138	140	20.86	cps
Calcium	43-1	822127	818841	804855	815274	1.12	cps
Calcium	44-1	13746719	13838979	13575989	13720563	0.97	cps
Chromium	52-2	64443	65157	65451	65017	0.80	cps
Cobalt	59-2	74545	74427	74039	74337	0.36	cps
Copper	63-2	95063	97851	98264	97059	1.79	cps
Dysprosium	156-1	56091	55865	55422	55792	0.61	cps
Dysprosium	156-2	29221	29843	29666	29576	1.08	cps
Erbium	164-1	43562	42843	42509	42971	1.25	cps
Erbium	164-2	23878	23861	23337	23692	1.30	cps
Gadolinium	160-1	51531	51715	52794	52013	1.31	cps
Gadolinium	160-2	31099	32612	32689	32133	2.79	cps
Holmium	165-1	17491339	17551731	17526884	17523318	0.17	cps
Holmium	165-2	9936038	9959588	10002639	9966089	0.34	cps
Indium	115-1	14423289	14473322	14510113	14468908	0.30	cps
Indium	115-2	3011693	3052402	3045943	3036679	0.72	cps
Iron	56-2	59909304	59566368	60077631	59851101	0.44	cps
Iron	57-2	1425414	1424143	1434904	1428154	0.41	cps
Lead	206-1	179286	177901	174441	177209	1.41	cps
Lead	207-1	145436	144724	144414	144858	0.36	cps
Lead	208-1	692868	687697	682539	687701	0.75	cps
Lithium	6-1	1624459	1615982	1606661	1615700	0.55	cps
Magnesium	24-2	3253511	3243519	3242298	3246443	0.19	cps
Manganese	55-2	1176207	1170742	1182139	1176363	0.48	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-06	Instrumnet Name :	P7
Client Sample ID :	MF6C17	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 14:06:11	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	50072	50942	50114	50376	0.97	cps
Molybdenum	95-1	2475	2175	2242	2298	6.86	cps
Molybdenum	96-1	10571	11046	10938	10852	2.30	cps
Molybdenum	97-1	1342	1342	1567	1417	9.17	cps
Molybdenum	98-1	3351	3217	3134	3234	3.38	cps
Neodymium	150-1	95610	96275	93550	95145	1.49	cps
Neodymium	150-2	42476	42990	43094	42853	0.77	cps
Nickel	60-2	44601	44751	45126	44826	0.60	cps
Phosphorus	31-2	5776	5109	5118	5335	7.17	cps
Potassium	39-2	477567	478864	481803	479411	0.45	cps
Rhodium	103-1	12970398	13022387	13003092	12998626	0.20	cps
Rhodium	103-2	6600967	6669629	6660327	6643641	0.56	cps
Scandium	45-1	8068652	8065744	8033942	8056113	0.24	cps
Scandium	45-2	401275	409045	407322	405881	1.01	cps
Selenium	77-2	127	123	110	120	7.35	cps
Selenium	78-2	169	156	148	157	6.55	cps
Selenium	82-1	79	135	61	92	41.94	cps
Silicon	28-1	6990258	6899502	6876154	6921971	0.87	cps
Silver	109-1	908	1267	1283	1153	18.38	cps
Silver	107-1	1358	1458	1508	1442	5.30	cps
Sodium	23-2	214090	217759	213296	215048	1.11	cps
Strontium	86-1	208265	209194	204174	207211	1.29	cps
Strontium	88-1	1807060	1810896	1807598	1808518	0.11	cps
Sulfur	34-1	263433	256090	254853	258125	1.80	cps
Terbium	159-1	18295776	18246618	18280072	18274155	0.14	cps
Terbium	159-2	9974504	10067998	10042428	10028310	0.48	cps
Thallium	203-1	3451	3201	3176	3276	4.64	cps
Thallium	205-1	7836	7753	7686	7758	0.97	cps
Tin	118-1	8428	8011	8912	8450	5.33	cps
Titanium	47-1	128994	129205	128841	129013	0.14	cps
Uranium	238-1	35232	34580	35048	34953	0.96	cps
Vanadium	51-2	86874	87601	87316	87264	0.42	cps
Yttrium	89-1	15346480	15270205	15397160	15337948	0.42	cps
Yttrium	89-2	2372272	2398823	2415536	2395543	0.91	cps
Zinc	66-2	37345	36643	37044	37010	0.95	cps
Zirconium	90-1	132802	134182	133416	133467	0.52	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1294-06	Instrumnet Name :	P7
Client Sample ID :	MF6C17	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 14:06:11	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	29966	29682	29590	29746	0.66	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:28:04	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5284343	5306972	5347304	5312873	0.60	cps
Antimony	121-1	4818274	4900578	4909097	4875983	1.03	cps
Arsenic	75-2	175159	176810	177046	176338	0.58	cps
Barium	135-1	6064922	6118121	6109379	6097474	0.47	cps
Barium	137-1	10672543	10774984	10733662	10727063	0.48	cps
Beryllium	9-1	629888	636664	640270	635607	0.83	cps
Bismuth	209-1	9220073	9061391	9113949	9131804	0.89	cps
Bismuth	209-2	6251632	6558390	6267316	6359113	2.72	cps
Boron	10-1	69694	71871	72541	71369	2.09	cps
Boron	11-1	339649	348099	351089	346279	1.71	cps
Cadmium	111-1	1086759	1092250	1100181	1093063	0.62	cps
Cadmium	106-1	118627	119619	122055	120100	1.47	cps
Cadmium	108-1	80913	81352	81084	81116	0.27	cps
Calcium	43-1	6808636	6877573	6907679	6864629	0.74	cps
Calcium	44-1	112104157	112623473	112912361	112546664	0.36	cps
Chromium	52-2	1596231	1609776	1609050	1605019	0.47	cps
Cobalt	59-2	2491792	2497573	2508255	2499207	0.33	cps
Copper	63-2	3508849	3553897	3558081	3540275	0.77	cps
Dysprosium	156-1	125	100	92	106	16.44	cps
Dysprosium	156-2	63	100	73	79	24.03	cps
Erbium	164-1	50	58	150	86	64.44	cps
Erbium	164-2	43	40	47	43	7.70	cps
Gadolinium	160-1	92	100	108	100	8.33	cps
Gadolinium	160-2	137	190	133	153	20.74	cps
Holmium	165-1	15935036	15732327	15826060	15831141	0.64	cps
Holmium	165-2	9387457	9797206	9400186	9528283	2.45	cps
Indium	115-1	12473448	12350284	12316718	12380150	0.67	cps
Indium	115-2	2765784	2892423	2790713	2816307	2.38	cps
Iron	56-2	329329330	333042274	333779941	332050515	0.72	cps
Iron	57-2	8084193	8093464	8113504	8097054	0.19	cps
Lead	206-1	3478336	3506630	3537025	3507330	0.84	cps
Lead	207-1	3183845	3199683	3233696	3205741	0.79	cps
Lead	208-1	14509937	14523653	14628021	14553870	0.44	cps
Lithium	6-1	1779415	1781800	1779242	1780152	0.08	cps
Magnesium	24-2	58108866	58450678	58560212	58373252	0.40	cps
Manganese	55-2	1862463	1881249	1877691	1873801	0.53	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:28:04	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10179684	10172006	10187649	10179780	0.08	cps
Molybdenum	95-1	12366755	12397984	12476173	12413637	0.45	cps
Molybdenum	96-1	13659724	13704951	13744683	13703119	0.31	cps
Molybdenum	97-1	7687347	7764424	7724356	7725376	0.50	cps
Molybdenum	98-1	19848034	19915011	19953389	19905478	0.27	cps
Neodymium	150-1	520	427	387	444	15.40	cps
Neodymium	150-2	103	180	63	116	51.33	cps
Nickel	60-2	642700	649159	648391	646750	0.55	cps
Phosphorus	31-2	55103	55328	53597	54676	1.72	cps
Potassium	39-2	30283613	30382183	30490909	30385568	0.34	cps
Rhodium	103-1	11176972	11124729	11060711	11120804	0.52	cps
Rhodium	103-2	5697876	5968677	5711402	5792652	2.63	cps
Scandium	45-1	7735733	7719932	7599177	7684947	0.97	cps
Scandium	45-2	389125	401425	387288	392612	1.96	cps
Selenium	77-2	3577	3851	3717	3715	3.68	cps
Selenium	78-2	12385	12252	12652	12429	1.64	cps
Selenium	82-1	67330	67772	68124	67742	0.59	cps
Silicon	28-1	3200056	3290987	3347940	3279661	2.27	cps
Silver	109-1	5321991	5366255	5354145	5347464	0.43	cps
Silver	107-1	5519667	5556541	5609780	5561996	0.81	cps
Sodium	23-2	109062132	109885752	110493073	109813652	0.65	cps
Strontium	86-1	1619128	1639070	1628101	1628766	0.61	cps
Strontium	88-1	14407118	14469633	14528133	14468294	0.42	cps
Sulfur	34-1	650823	648288	648109	649074	0.23	cps
Terbium	159-1	16421592	16439725	16294682	16385333	0.48	cps
Terbium	159-2	9448894	9767430	9408137	9541487	2.06	cps
Thallium	203-1	4380615	4424398	4425861	4410291	0.58	cps
Thallium	205-1	10535238	10503234	10600484	10546318	0.47	cps
Tin	118-1	3936393	3959851	3939607	3945284	0.32	cps
Titanium	47-1	3207318	3234792	3240624	3227578	0.55	cps
Uranium	238-1	16098565	16034417	16135150	16089378	0.32	cps
Vanadium	51-2	1319064	1325456	1332359	1325626	0.50	cps
Yttrium	89-1	13426704	13361223	13163037	13316988	1.03	cps
Yttrium	89-2	2170598	2264444	2178889	2204644	2.36	cps
Zinc	66-2	473007	478491	476790	476096	0.59	cps
Zirconium	90-1	8564041	8657434	8592435	8604636	0.56	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:28:04	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1880326	1884103	1888543	1884324	0.22	cps

LB Number : LB93008 Operator : Jaswal
 Lab Sample ID : CCB012 Instrumnet Name : P7
 Client Sample ID : CCB012 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 15:31:39 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	100	133	136	27.61	cps
Antimony	121-1	17061	15050	14158	15423	9.64	cps
Arsenic	75-2	43	30	43	38	19.55	cps
Barium	135-1	225	200	100	175	37.80	cps
Barium	137-1	325	267	217	269	20.12	cps
Beryllium	9-1	233	122	167	174	32.13	cps
Bismuth	209-1	10096676	10200054	10197414	10164715	0.58	cps
Bismuth	209-2	7188989	7100352	7116657	7135333	0.66	cps
Boron	10-1	2150	2067	1792	2003	9.36	cps
Boron	11-1	11438	9804	8328	9856	15.79	cps
Cadmium	111-1	2727	2792	2728	2749	1.35	cps
Cadmium	106-1	3826	3951	3817	3865	1.93	cps
Cadmium	108-1	25	46	4	25	83.32	cps
Calcium	43-1	300	242	242	261	12.90	cps
Calcium	44-1	10788	10446	10037	10424	3.61	cps
Chromium	52-2	623	403	467	498	22.76	cps
Cobalt	59-2	137	123	127	129	5.38	cps
Copper	63-2	2880	2960	2767	2869	3.39	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	42	83	75	67	33.07	cps
Erbium	164-2	27	23	30	27	12.51	cps
Gadolinium	160-1	33	67	50	50	33.34	cps
Gadolinium	160-2	113	130	140	128	10.54	cps
Holmium	165-1	16124120	16263904	16250226	16212750	0.48	cps
Holmium	165-2	9805762	9789375	9738191	9777776	0.36	cps
Indium	115-1	13303762	13333671	13442471	13359968	0.55	cps
Indium	115-2	3019618	3036000	2998630	3018083	0.62	cps
Iron	56-2	18106	17383	19525	18338	5.94	cps
Iron	57-2	489	517	522	509	3.51	cps
Lead	206-1	850	817	772	813	4.80	cps
Lead	207-1	817	728	617	720	13.91	cps
Lead	208-1	3528	3100	3072	3234	7.90	cps
Lithium	6-1	1904322	1916330	1897952	1906201	0.49	cps
Magnesium	24-2	1017	800	892	903	12.05	cps
Manganese	55-2	103	93	117	104	11.21	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:31:39	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4951	4384	3826	4387	12.83	cps
Molybdenum	95-1	6777	5485	5276	5846	13.91	cps
Molybdenum	96-1	7461	6368	5568	6466	14.69	cps
Molybdenum	97-1	4017	3684	3384	3695	8.58	cps
Molybdenum	98-1	10404	8862	7869	9045	14.12	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	40	60	30	43	35.25	cps
Phosphorus	31-2	325	242	200	256	24.91	cps
Potassium	39-2	42044	41375	41208	41542	1.07	cps
Rhodium	103-1	12282375	12357192	12345876	12328481	0.33	cps
Rhodium	103-2	6559797	6533626	6490661	6528028	0.53	cps
Scandium	45-1	7807088	7915673	7848887	7857216	0.70	cps
Scandium	45-2	404326	403824	398273	402141	0.84	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	94	104	109	102	7.30	cps
Selenium	82-1	45	75	-39	27	217.44	cps
Silicon	28-1	276629	276038	272667	275111	0.78	cps
Silver	109-1	308	242	258	269	12.88	cps
Silver	107-1	408	375	325	369	11.35	cps
Sodium	23-2	44083	43648	43104	43612	1.12	cps
Strontium	86-1	483	617	475	525	15.14	cps
Strontium	88-1	417	350	392	386	8.72	cps
Sulfur	34-1	279602	273515	275245	276121	1.14	cps
Terbium	159-1	16906880	16905519	16959991	16924130	0.18	cps
Terbium	159-2	9912420	9820210	9794946	9842525	0.63	cps
Thallium	203-1	2609	2150	2100	2286	12.26	cps
Thallium	205-1	5977	5485	4976	5479	9.13	cps
Tin	118-1	5018	4493	4534	4682	6.24	cps
Titanium	47-1	267	483	308	353	32.59	cps
Uranium	238-1	650	675	592	639	6.69	cps
Vanadium	51-2	13	20	20	18	21.66	cps
Yttrium	89-1	13807376	13790723	13816767	13804955	0.10	cps
Yttrium	89-2	2279037	2272245	2264625	2271969	0.32	cps
Zinc	66-2	180	200	213	198	8.48	cps
Zirconium	90-1	3384	3559	2975	3306	9.06	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:31:39	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	733	725	733	731	0.66	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1242-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MF6B50	Dilution Factor :	2
Date & Time Acquired ::	2018-01-30 16:22:05	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	856520	862283	850867	856557	0.67	cps
Antimony	121-1	1058	1042	1167	1089	6.23	cps
Arsenic	75-2	1539	1548	1617	1568	2.71	cps
Barium	135-1	730747	734314	732050	732370	0.25	cps
Barium	137-1	1274220	1283180	1279949	1279116	0.35	cps
Beryllium	9-1	1245	1422	1433	1367	7.76	cps
Bismuth	209-1	9768886	9879043	9963266	9870398	0.99	cps
Bismuth	209-2	6927191	6929465	6999202	6951953	0.59	cps
Boron	10-1	342	483	400	408	17.44	cps
Boron	11-1	1800	1950	1734	1828	6.07	cps
Cadmium	111-1	3011	3100	3089	3067	1.58	cps
Cadmium	106-1	3684	3759	3684	3709	1.17	cps
Cadmium	108-1	67	50	75	64	19.92	cps
Calcium	43-1	1156628	1149960	1154618	1153735	0.30	cps
Calcium	44-1	19312612	19149564	19191159	19217778	0.44	cps
Chromium	52-2	38845	38818	38885	38849	0.09	cps
Cobalt	59-2	49818	49487	49390	49565	0.45	cps
Copper	63-2	73279	73886	72241	73135	1.14	cps
Dysprosium	156-1	56593	56249	57229	56690	0.88	cps
Dysprosium	156-2	32716	33147	33407	33090	1.06	cps
Erbium	164-1	50721	50662	50177	50520	0.59	cps
Erbium	164-2	29946	30063	29188	29732	1.60	cps
Gadolinium	160-1	56058	55480	55823	55787	0.52	cps
Gadolinium	160-2	35710	35376	36749	35945	1.99	cps
Holmium	165-1	16169759	16186334	16463346	16273146	1.01	cps
Holmium	165-2	9820246	9810766	9789906	9806973	0.16	cps
Indium	115-1	13260069	13374103	13521471	13385214	0.98	cps
Indium	115-2	2997032	3013755	2987090	2999292	0.45	cps
Iron	56-2	27064765	27007460	26928835	27000353	0.25	cps
Iron	57-2	650980	651171	649501	650551	0.14	cps
Lead	206-1	141668	140253	139496	140472	0.78	cps
Lead	207-1	115234	114668	115211	115038	0.28	cps
Lead	208-1	543194	541504	538310	541003	0.46	cps
Lithium	6-1	1846090	1853912	1870894	1856965	0.68	cps
Magnesium	24-2	1554199	1558807	1548163	1553723	0.34	cps
Manganese	55-2	1006537	1002950	1000321	1003270	0.31	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1242-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MF6B50	Dilution Factor :	2
Date & Time Acquired ::	2018-01-30 16:22:05	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8178	8128	8011	8105	1.06	cps
Molybdenum	95-1	550	492	608	550	10.61	cps
Molybdenum	96-1	2142	1992	1775	1970	9.36	cps
Molybdenum	97-1	275	267	183	242	20.98	cps
Molybdenum	98-1	758	692	742	731	4.75	cps
Neodymium	150-1	84465	82010	84545	83673	1.72	cps
Neodymium	150-2	39590	40038	39620	39750	0.63	cps
Nickel	60-2	32326	32423	31855	32201	0.94	cps
Phosphorus	31-2	1617	1442	3813	2291	57.69	cps
Potassium	39-2	345814	340864	340611	342430	0.86	cps
Rhodium	103-1	12101353	12280053	12410360	12263922	1.26	cps
Rhodium	103-2	6452635	6444708	6409828	6435724	0.35	cps
Scandium	45-1	7964021	7966661	8142236	8024306	1.27	cps
Scandium	45-2	408675	408341	406832	407949	0.24	cps
Selenium	77-2	130	163	157	150	11.76	cps
Selenium	78-2	150	163	157	157	4.15	cps
Selenium	82-1	13	116	174	101	81.07	cps
Silicon	28-1	8475317	8455890	8388787	8439998	0.54	cps
Silver	109-1	750	817	725	764	6.20	cps
Silver	107-1	683	842	783	770	10.41	cps
Sodium	23-2	200581	201941	202770	201764	0.55	cps
Strontium	86-1	182739	182918	182682	182780	0.07	cps
Strontium	88-1	1600044	1603283	1585202	1596176	0.60	cps
Sulfur	34-1	287015	287539	285519	286691	0.37	cps
Terbium	159-1	16857926	16946682	17032352	16945653	0.51	cps
Terbium	159-2	9858058	9835238	9830014	9841103	0.15	cps
Thallium	203-1	2709	2950	2767	2809	4.49	cps
Thallium	205-1	6802	6644	6760	6735	1.22	cps
Tin	118-1	6602	6468	6460	6510	1.22	cps
Titanium	47-1	18237	18312	17545	18031	2.35	cps
Uranium	238-1	21210	21836	21110	21385	1.84	cps
Vanadium	51-2	37164	36235	36535	36645	1.29	cps
Yttrium	89-1	14600356	14645709	14795372	14680479	0.70	cps
Yttrium	89-2	2391419	2404240	2374589	2390083	0.62	cps
Zinc	66-2	28545	28428	28201	28391	0.62	cps
Zirconium	90-1	19881	21141	20766	20596	3.14	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	J1242-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MF6B50	Dilution Factor :	2
Date & Time Acquired ::	2018-01-30 16:22:05	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4601	4626	4859	4695	3.04	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:40:11	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5383692	5410993	5399112	5397932	0.25	cps
Antimony	121-1	4977472	5037338	5018417	5011076	0.61	cps
Arsenic	75-2	179158	182149	181204	180837	0.85	cps
Barium	135-1	6259577	6244053	6263860	6255830	0.17	cps
Barium	137-1	10979759	10939405	10966567	10961911	0.19	cps
Beryllium	9-1	636164	632875	634529	634523	0.26	cps
Bismuth	209-1	9115595	9273569	9205212	9198125	0.86	cps
Bismuth	209-2	6480192	6523950	6489166	6497769	0.36	cps
Boron	10-1	71294	71008	73026	71776	1.52	cps
Boron	11-1	343417	349647	351597	348220	1.23	cps
Cadmium	111-1	1119051	1123211	1117971	1120078	0.25	cps
Cadmium	106-1	122257	124643	122669	123190	1.04	cps
Cadmium	108-1	82224	82823	83092	82713	0.54	cps
Calcium	43-1	6937798	7019919	7038925	6998881	0.77	cps
Calcium	44-1	113886028	115397903	115350265	114878065	0.75	cps
Chromium	52-2	1639179	1645392	1651242	1645271	0.37	cps
Cobalt	59-2	2542841	2555995	2553504	2550780	0.27	cps
Copper	63-2	3586575	3605117	3637963	3609885	0.72	cps
Dysprosium	156-1	92	150	167	136	28.94	cps
Dysprosium	156-2	60	77	57	64	16.63	cps
Erbium	164-1	42	33	108	61	67.27	cps
Erbium	164-2	50	47	43	47	7.15	cps
Gadolinium	160-1	108	75	117	100	22.05	cps
Gadolinium	160-2	153	123	143	140	10.91	cps
Holmium	165-1	15886320	16164615	16052668	16034534	0.87	cps
Holmium	165-2	9724513	9695659	9719179	9713117	0.16	cps
Indium	115-1	12511495	12673611	12666842	12617316	0.73	cps
Indium	115-2	2886220	2891100	2899383	2892235	0.23	cps
Iron	56-2	338817552	339361452	339311619	339163541	0.09	cps
Iron	57-2	8223469	8256596	8275043	8251703	0.32	cps
Lead	206-1	3548739	3616238	3581988	3582322	0.94	cps
Lead	207-1	3248444	3265559	3272568	3262190	0.38	cps
Lead	208-1	14722219	14861619	14809245	14797694	0.48	cps
Lithium	6-1	1767649	1797792	1805517	1790320	1.12	cps
Magnesium	24-2	58988493	59368601	59177435	59178176	0.32	cps
Manganese	55-2	1915893	1928202	1929908	1924668	0.40	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:40:11	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10377588	10349020	10334903	10353837	0.21	cps
Molybdenum	95-1	12623296	12655989	12616620	12631968	0.17	cps
Molybdenum	96-1	13995607	14045290	14002929	14014609	0.19	cps
Molybdenum	97-1	7872010	7852912	7895443	7873455	0.27	cps
Molybdenum	98-1	20293117	20122221	20233689	20216342	0.43	cps
Neodymium	150-1	433	400	427	420	4.20	cps
Neodymium	150-2	87	60	80	76	18.37	cps
Nickel	60-2	660196	663013	659778	660996	0.27	cps
Phosphorus	31-2	54283	54702	56007	54997	1.63	cps
Potassium	39-2	30893473	31167183	31179942	31080199	0.52	cps
Rhodium	103-1	11196758	11386410	11373375	11318848	0.94	cps
Rhodium	103-2	5933980	5899959	5947592	5927177	0.41	cps
Scandium	45-1	7665739	7858397	7828228	7784122	1.33	cps
Scandium	45-2	403637	403200	404816	403884	0.21	cps
Selenium	77-2	3637	3851	3634	3707	3.35	cps
Selenium	78-2	12767	12880	12756	12801	0.54	cps
Selenium	82-1	69389	69682	69144	69405	0.39	cps
Silicon	28-1	3252996	3337800	3354311	3315036	1.64	cps
Silver	109-1	5501863	5428192	5460440	5463499	0.68	cps
Silver	107-1	5729764	5726538	5725281	5727194	0.04	cps
Sodium	23-2	111030502	112311065	111384448	111575339	0.59	cps
Strontium	86-1	1661845	1660008	1665942	1662599	0.18	cps
Strontium	88-1	14664846	14701109	14726750	14697568	0.21	cps
Sulfur	34-1	649544	642089	640783	644139	0.73	cps
Terbium	159-1	16456873	16725551	16635039	16605821	0.82	cps
Terbium	159-2	9826091	9764422	9736049	9775521	0.47	cps
Thallium	203-1	4451791	4502755	4468103	4474217	0.58	cps
Thallium	205-1	10571179	10722594	10732926	10675566	0.85	cps
Tin	118-1	4003095	4059624	4062442	4041720	0.83	cps
Titanium	47-1	3285638	3319159	3314397	3306398	0.55	cps
Uranium	238-1	16166960	16187313	16259209	16204494	0.30	cps
Vanadium	51-2	1363233	1364401	1368777	1365471	0.21	cps
Yttrium	89-1	13422827	13705282	13605017	13577709	1.05	cps
Yttrium	89-2	2266818	2261137	2272641	2266865	0.25	cps
Zinc	66-2	484039	484883	485971	484964	0.20	cps
Zirconium	90-1	8764007	8805302	8779927	8783079	0.24	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:40:11	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1929845	1937171	1943894	1936970	0.36	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:45:06	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	158	67	108	42.83	cps
Antimony	121-1	9178	8136	7861	8392	8.28	cps
Arsenic	75-2	28	26	15	23	30.72	cps
Barium	135-1	75	58	75	69	13.85	cps
Barium	137-1	142	150	133	142	5.88	cps
Beryllium	9-1	161	156	150	156	3.57	cps
Bismuth	209-1	10222918	10252053	10398845	10291272	0.92	cps
Bismuth	209-2	7120324	7111727	7422269	7218107	2.45	cps
Boron	10-1	1192	1183	1050	1142	6.96	cps
Boron	11-1	5735	5176	5535	5482	5.16	cps
Cadmium	111-1	2641	2452	2486	2526	3.98	cps
Cadmium	106-1	3759	3492	3567	3606	3.81	cps
Cadmium	108-1	4	25	33	21	72.10	cps
Calcium	43-1	225	292	350	289	21.65	cps
Calcium	44-1	9637	9945	9779	9787	1.58	cps
Chromium	52-2	437	437	400	424	4.99	cps
Cobalt	59-2	140	93	67	100	37.12	cps
Copper	63-2	2674	2800	2747	2740	2.32	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	58	25	33	39	44.62	cps
Erbium	164-2	47	23	43	38	33.41	cps
Gadolinium	160-1	50	42	75	56	31.22	cps
Gadolinium	160-2	127	143	143	138	6.99	cps
Holmium	165-1	16451263	16477821	16542102	16490395	0.28	cps
Holmium	165-2	9801857	9860145	10142126	9934709	1.83	cps
Indium	115-1	13714179	13715900	13807138	13745739	0.39	cps
Indium	115-2	3057115	3047897	3138944	3081319	1.63	cps
Iron	56-2	14268	13974	13490	13911	2.83	cps
Iron	57-2	444	417	472	444	6.25	cps
Lead	206-1	828	867	850	848	2.30	cps
Lead	207-1	661	589	567	606	8.15	cps
Lead	208-1	3278	3156	3078	3171	3.18	cps
Lithium	6-1	1840249	1843992	1872366	1852202	0.95	cps
Magnesium	24-2	817	708	583	703	16.62	cps
Manganese	55-2	83	90	100	91	9.20	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:45:06	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3084	2992	2742	2939	6.02	cps
Molybdenum	95-1	3509	3384	3292	3395	3.20	cps
Molybdenum	96-1	4176	3409	3684	3756	10.34	cps
Molybdenum	97-1	2117	1917	1909	1981	5.96	cps
Molybdenum	98-1	5209	5210	4726	5048	5.53	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	47	27	43	39	27.55	cps
Phosphorus	31-2	275	325	217	272	19.92	cps
Potassium	39-2	41475	41793	41718	41662	0.40	cps
Rhodium	103-1	12610595	12696484	12667681	12658253	0.35	cps
Rhodium	103-2	6522615	6585112	6728493	6612073	1.60	cps
Scandium	45-1	8026385	8065113	8155348	8082282	0.82	cps
Scandium	45-2	401638	404070	419667	408459	2.40	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	94	96	93	94	1.96	cps
Selenium	82-1	12	-17	12	2	669.25	cps
Silicon	28-1	268561	267841	267442	267948	0.21	cps
Silver	109-1	275	233	275	261	9.21	cps
Silver	107-1	225	325	308	286	18.73	cps
Sodium	23-2	42261	42135	42202	42199	0.15	cps
Strontium	86-1	467	525	625	539	14.86	cps
Strontium	88-1	225	225	300	250	17.32	cps
Sulfur	34-1	270998	267630	266975	268534	0.80	cps
Terbium	159-1	17185572	17152791	17186825	17175062	0.11	cps
Terbium	159-2	9903557	9925827	10164546	9997976	1.45	cps
Thallium	203-1	1809	1567	1458	1611	11.12	cps
Thallium	205-1	4042	3884	3359	3762	9.51	cps
Tin	118-1	3484	3401	2884	3256	9.99	cps
Titanium	47-1	283	225	258	256	11.45	cps
Uranium	238-1	317	350	317	328	5.87	cps
Vanadium	51-2	10	17	27	18	47.19	cps
Yttrium	89-1	14180474	14215336	14223390	14206400	0.16	cps
Yttrium	89-2	2299994	2298750	2364616	2321120	1.62	cps
Zinc	66-2	210	217	270	232	14.16	cps
Zirconium	90-1	3151	2975	2875	3000	4.64	cps

LB Number :	LB93008	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:45:06	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	742	683	692	706	4.47	cps