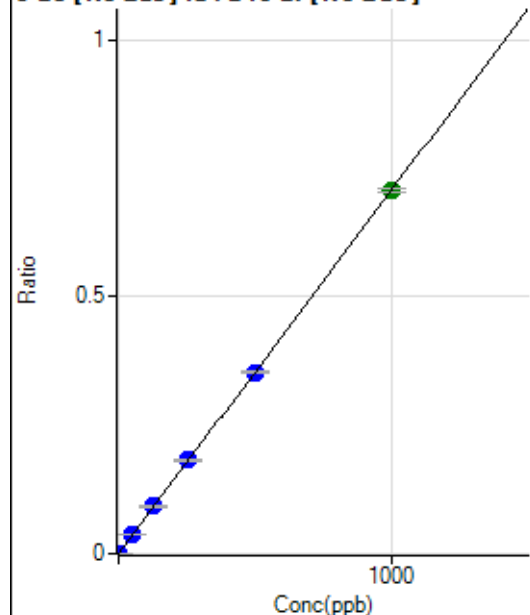


Batch Folder: D:\P8082118- MS.b\
Analysis File: P8082118- MS.batch.bin
DA Date-Time: 2018-08-21 17:02:59
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-08-21 13:59:54
2			
3	005CALS.d	S02	2018-08-21 14:07:21
4	006CALS.d	S03	2018-08-21 14:11:06
5	007CALS.d	S04	2018-08-21 14:14:50
6	008CALS.d	S05	2018-08-21 14:18:29
7	009CALS.d	S06	2018-08-21 14:22:02
8	010CALS.d	S07	2018-08-21 14:25:31
9	011CALS.d	S08	2018-08-21 14:28:57

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.93	0.0000	P	30.0
2	☐	0.100					
3	☐	1.000	1.055	1276.02	0.0008	P	9.8
4	☐	50.000	52.039	56739.81	0.0369	P	1.0
5	☐	125.000	129.936	140026.04	0.0919	P	1.8
6	☐	250.000	256.786	276862.32	0.1817	P	1.3
7	☐	500.000	499.169	537419.20	0.3531	P	0.9
8	☐	1000.000	998.000	1078904.59	0.7059	A	0.9
9	☐			677.81	0.0005	P	28.6

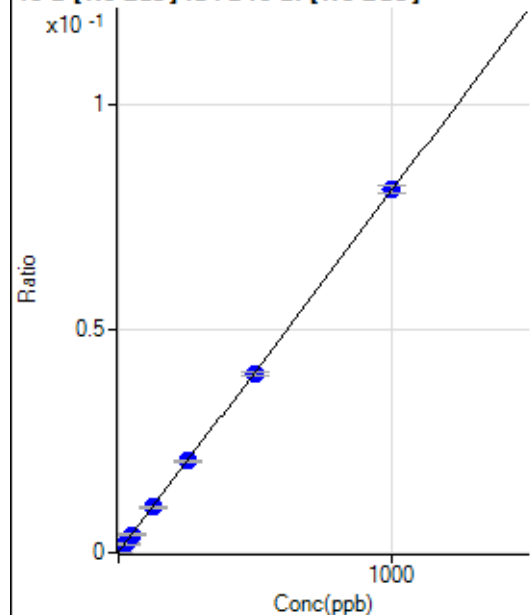
$$y = 7.0728\text{E-}004 * x + 4.6242\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.0589$$

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	119.45	0.0001	P	27.7
2	☐	2.500					
3	☐	25.000	23.576	3186.60	0.0020	P	4.7
4	☐	50.000	48.185	6109.87	0.0040	P	7.2
5	☐	125.000	126.321	15664.73	0.0103	P	4.0
6	☐	250.000	252.124	31181.98	0.0205	P	1.8
7	☐	500.000	494.433	60961.27	0.0401	P	1.8
8	☐	1000.000	1002.214	123959.77	0.0811	P	2.1
9	☐			5762.51	0.0041	P	15.6

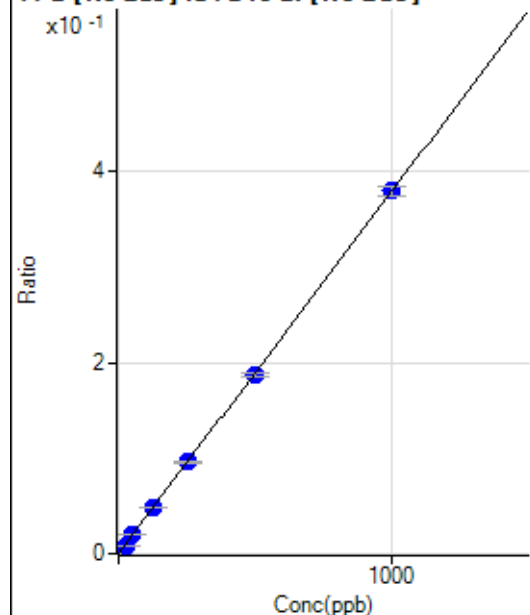
$$y = 8.0863\text{E-}005 * x + 7.2619\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.7464$$

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	461.14	0.0003	P	18.6
2	☐	2.500					
3	☐	25.000	22.857	14371.67	0.0089	P	2.0
4	☐	50.000	50.150	29651.02	0.0193	P	0.9
5	☐	125.000	126.734	73483.04	0.0482	P	1.9
6	☐	250.000	251.886	145705.81	0.0956	P	1.5
7	☐	500.000	494.605	285298.19	0.1874	P	2.0
8	☐	1000.000	1002.055	579891.00	0.3795	P	2.4
9	☐			27691.85	0.0195	P	19.5

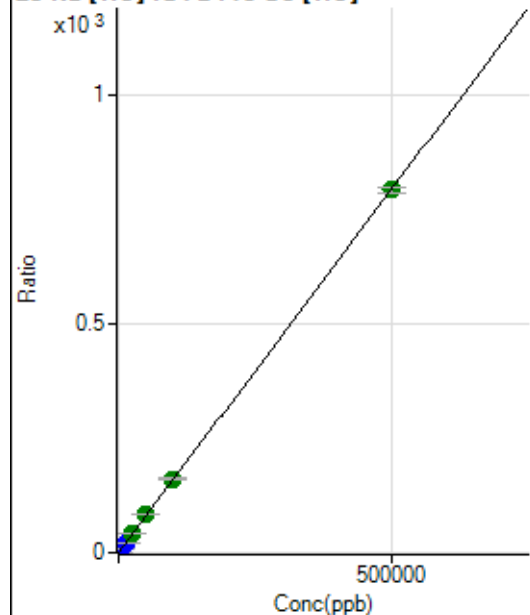
$$y = 3.7841\text{E-}004 * x + 2.8082\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.4149$$

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	5267.88	0.1448	P	4.7
2	☐	50.000					
3	☐	500.000	493.358	33632.47	0.9269	P	4.6
4	☐	5000.000	5252.781	287116.48	8.4721	P	3.5
5	☐	12500.000	12857.356	700262.96	20.5276	P	0.6
6	☐	25000.000	26583.997	1379093.87	42.2885	A	1.5
7	☐	50000.000	52421.183	2608957.31	83.2483	A	0.9
8	☐	100000.00	101584.52	5088277.98	161.1870	A	0.8
9	☐	500000.00	499350.32	25804218.11	791.7662	A	1.8

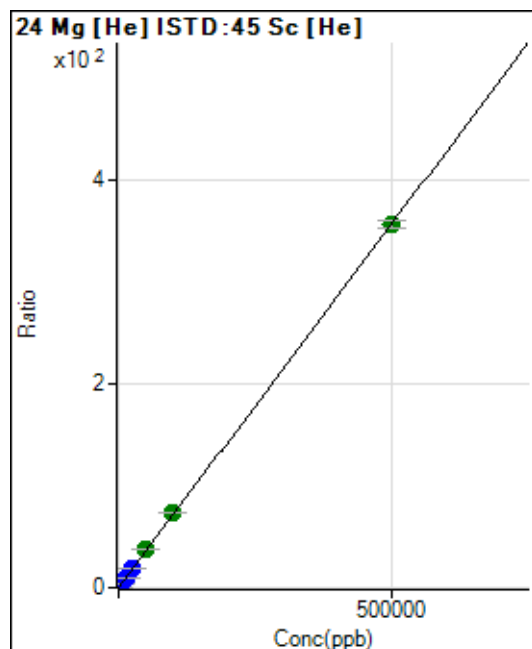
$$y = 0.0016 * x + 0.1448$$

$$R = 1.0000$$

$$DL = 12.99$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	316.69	0.0087	P	6.2
2	☐	50.000					
3	☐	500.000	471.820	12542.11	0.3455	P	4.5
4	☐	5000.000	5224.463	126687.78	3.7381	P	3.4
5	☐	12500.000	12850.768	313223.44	9.1819	P	1.0
6	☐	25000.000	26180.707	609737.20	18.6972	P	1.7
7	☐	50000.000	53171.427	1189790.74	37.9639	A	0.3
8	☐	100000.00	102814.45	2317087.16	73.4005	A	1.0
9	☐	500000.00	499049.94	11609980.64	356.2444	A	2.2

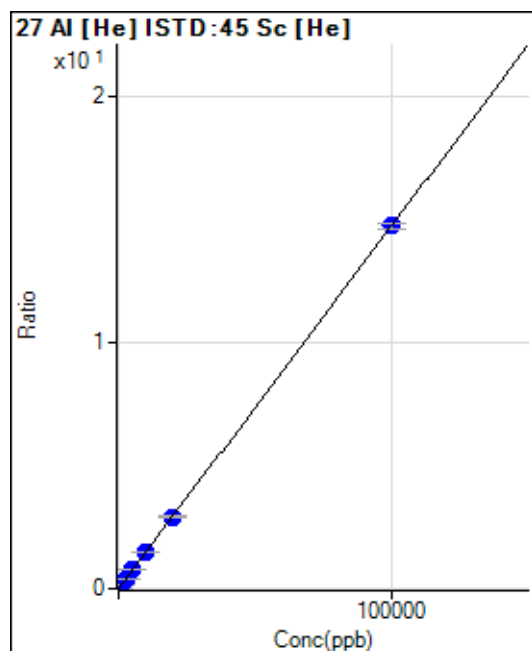
$$y = 7.1383\text{E-}004 * x + 0.0087$$

$$R = 1.0000$$

$$DL = 2.278$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.84	0.0004	P	36.1
2	☐	2.000					
3	☐	20.000	19.357	119.20	0.0033	P	11.4
4	☐	1000.000	1017.153	5089.75	0.1502	P	3.0
5	☐	2500.000	2463.053	12383.60	0.3630	P	1.2
6	☐	5000.000	5106.909	24533.17	0.7522	P	1.2
7	☐	10000.000	10102.151	46620.04	1.4876	P	0.5
8	☐	20000.000	19780.379	91929.83	2.9123	P	1.3
9	☐	100000.00	100029.11	479919.00	14.7257	P	1.9

$$y = 1.4721\text{E-}004 * x + 4.3494\text{E-}004$$

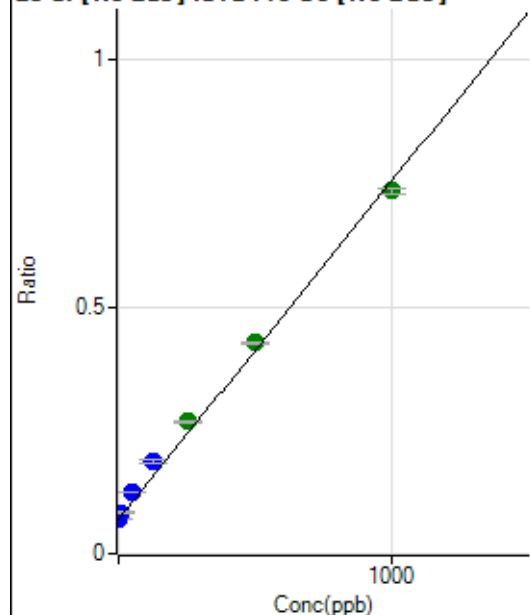
$$R = 1.0000$$

$$DL = 3.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333181.38	0.0694	P	0.4
2	☐	1.000					
3	☐	10.000	20.766	386501.86	0.0836	P	3.7
4	☐	50.000	79.480	540285.23	0.1239	P	1.0
5	☐	125.000	171.139	812617.28	0.1867	P	2.6
6	☐	250.000	288.284	1160918.25	0.2670	A	1.6
7	☐	500.000	523.022	1838043.18	0.4279	A	0.5
8	☐	1000.000	971.569	3164714.80	0.7354	A	1.9
9	☐			744366.17	0.1853	P	8.8

$$y = 6.8544\text{E-}004 * x + 0.0694$$

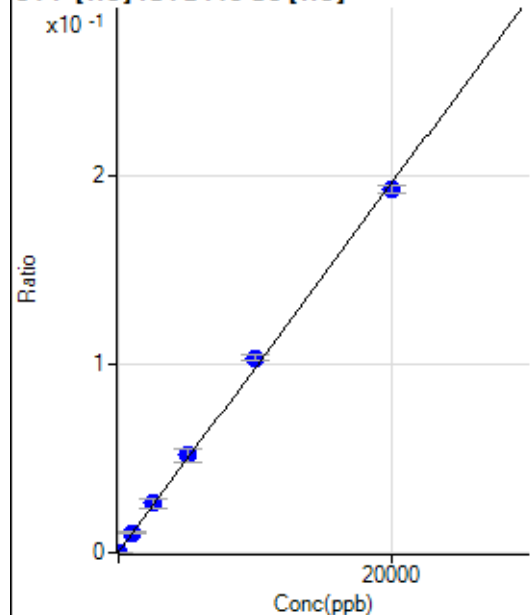
$$R = 0.9983$$

$$DL = 1.198$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-4.243	8.33	0.0002	P	100.
2	☐	0.000					
3	☐	0.000	4.243	11.11	0.0003	P	86.6
4	☐	1000.000	1061.728	361.13	0.0107	P	7.8
5	☐	2500.000	2660.194	897.29	0.0263	P	18.1
6	☐	5000.000	5259.146	1686.29	0.0518	P	14.6
7	☐	10000.000	10528.575	3239.41	0.1034	P	2.9
8	☐	20000.000	19647.815	6082.16	0.1927	P	2.3
9	☐			5.55	0.0002	P	86.6

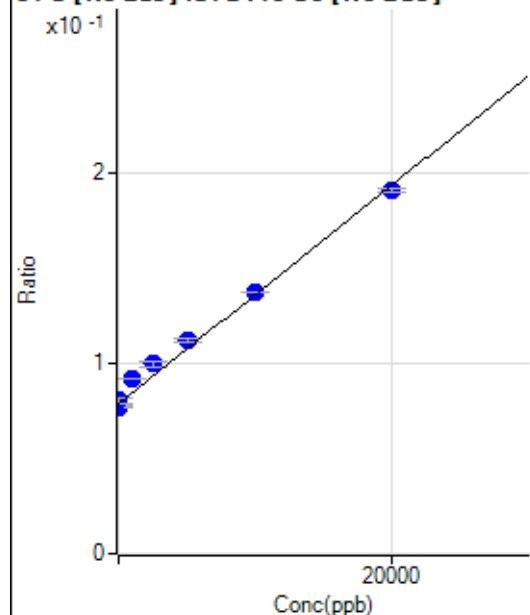
$$y = 9.7917\text{E-}006 * x + 2.6963\text{E-}004$$

$$R = 0.9994$$

$$DL = 76.24$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-284.965	371040.05	0.0773	P	0.8
2	☐	0.000					
3	☐	0.000	284.965	372312.42	0.0806	P	3.7
4	☐	1000.000	2334.749	402815.27	0.0924	P	0.4
5	☐	2500.000	3633.653	434497.89	0.0998	P	2.5
6	☐	5000.000	5821.584	488745.89	0.1124	P	2.0
7	☐	10000.000	10208.080	591248.72	0.1376	P	0.5
8	☐	20000.000	19482.120	822023.53	0.1910	P	1.1
9	☐			347675.07	0.0865	P	8.5

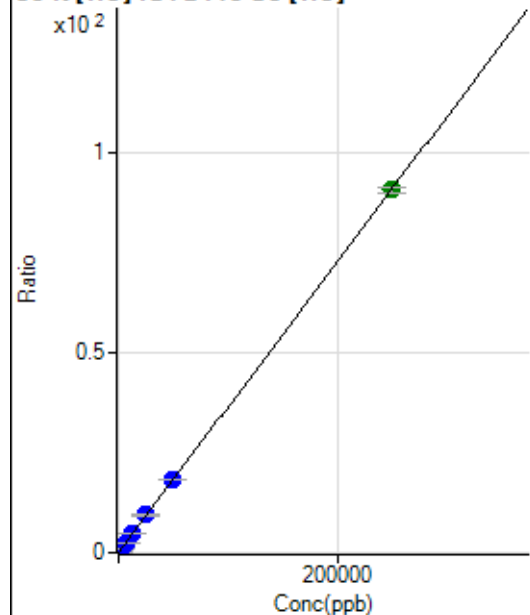
$$y = 5.7516\text{E-}006 * x + 0.0789$$

$$R = 0.9964$$

$$DL = 944$$

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	2233.62	0.0614	P	3.7
2	☐	50.000					
3	☐	500.000	506.384	8900.45	0.2453	P	4.8
4	☐	2500.000	2619.922	34304.09	1.0126	P	5.4
5	☐	6250.000	6464.416	82159.66	2.4084	P	0.9
6	☐	12500.000	13144.462	157642.45	4.8338	P	1.6
7	☐	25000.000	25722.437	294604.27	9.4005	P	0.9
8	☐	50000.000	49885.747	573667.59	18.1735	P	1.2
9	☐	250000.00	249911.81	2959159.27	90.7973	A	1.7

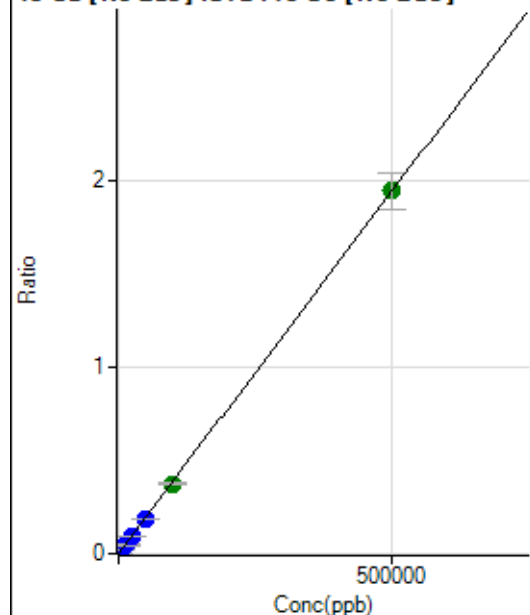
$$y = 3.6307\text{E-}004 * x + 0.0614$$

$$R = 1.0000$$

$$DL = 18.54$$

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	672.28	0.0001	P	6.2
2	☐	50.000					
3	☐	500.000	446.421	8661.46	0.0019	P	5.0
4	☐	5000.000	4831.290	82495.13	0.0189	P	1.5
5	☐	12500.000	11944.569	202625.54	0.0466	P	2.8
6	☐	25000.000	23797.531	402686.30	0.0926	P	1.9
7	☐	50000.000	47158.693	787788.59	0.1834	P	0.6
8	☐	100000.00	96024.963	1606405.22	0.3733	A	2.7
9	☐	500000.00	501154.88	7815130.47	1.9476	A	10.3

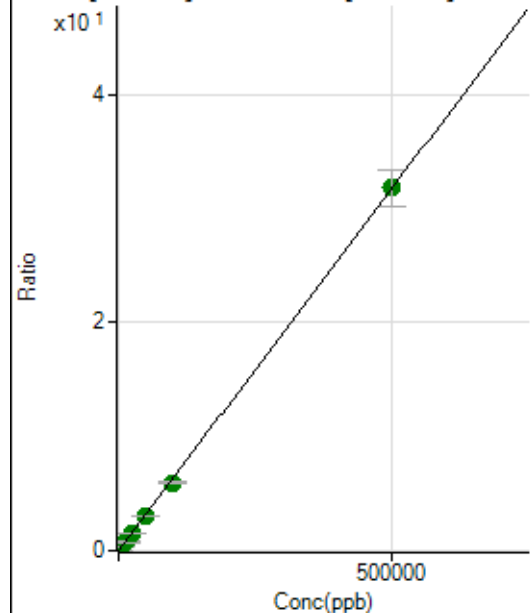
$$y = 3.8860\text{E-}006 * x + 1.4004\text{E-}004$$

$$R = 1.0000$$

$$DL = 6.649$$

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	18788.49	0.0039	P	3.8
2	☐	50.000					
3	☐	500.000	453.120	150787.42	0.0326	P	4.2
4	☐	5000.000	4873.858	1364366.63	0.3128	A	1.7
5	☐	12500.000	11945.870	3312621.84	0.7611	A	2.4
6	☐	25000.000	23757.661	6564705.36	1.5098	A	1.2
7	☐	50000.000	47024.248	12819692.99	2.9845	A	1.0
8	☐	100000.00	93591.851	25547437.72	5.9362	A	1.8
9	☐	500000.00	501656.48	127625548.6	31.8010	A	10.1

$$y = 6.3384\text{E-}005 * x + 0.0039$$

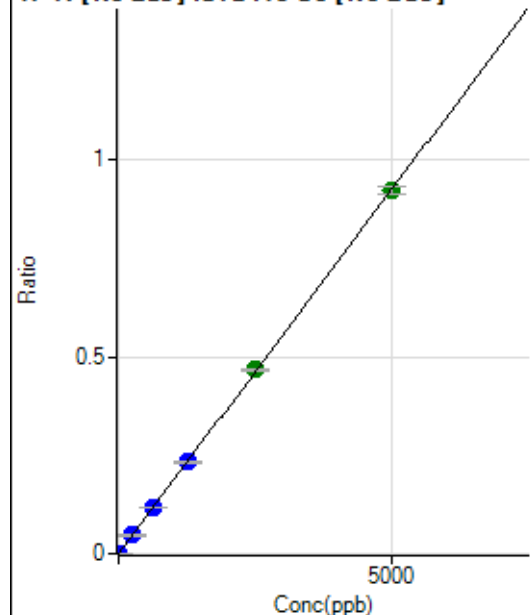
$$R = 0.9999$$

$$DL = 7.015$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	22.6
2	☐	0.500					
3	☐	5.000	4.926	4309.21	0.0009	P	7.0
4	☐	250.000	251.264	202769.14	0.0465	P	0.9
5	☐	625.000	631.216	508255.07	0.1168	P	1.7
6	☐	1250.000	1255.724	1009880.67	0.2323	P	1.4
7	☐	2500.000	2526.110	2006888.61	0.4672	A	0.8
8	☐	5000.000	4984.674	3967561.46	0.9219	A	2.0
9	☐			2011.35	0.0005	P	12.4

$$y = 1.8495E-004 * x + 2.1983E-005$$

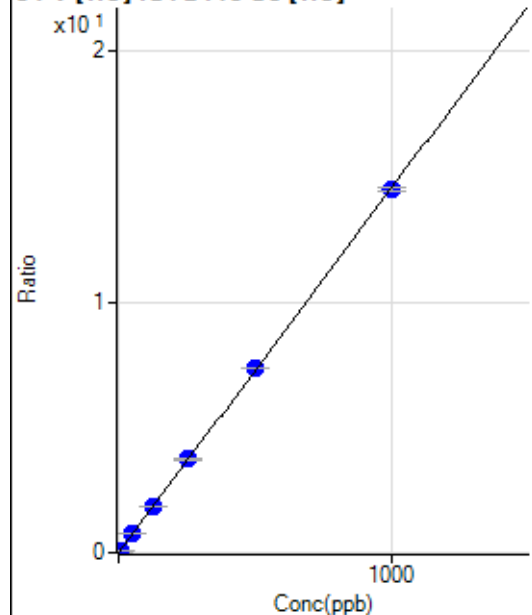
$$R = 1.0000$$

$$DL = 0.08056$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0003	P	34.9
2	☐	0.500					
3	☐	5.000	4.668	2475.82	0.0682	P	5.5
4	☐	50.000	51.091	25217.38	0.7440	P	3.0
5	☐	125.000	125.541	62349.32	1.8277	P	0.2
6	☐	250.000	256.493	121765.36	3.7338	P	1.5
7	☐	500.000	506.785	231192.10	7.3771	P	0.8
8	☐	1000.000	994.864	457132.88	14.4815	P	1.0
9	☐			257.79	0.0079	P	3.9

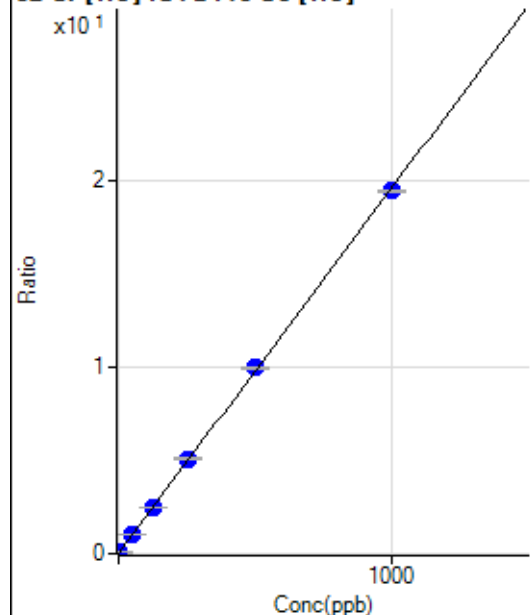
$$y = 0.0146 * x + 3.0563E-004$$

$$R = 0.9999$$

$$DL = 0.02197$$

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	504.46	0.0139	P	3.0
2	☐	0.200					
3	☐	2.000	2.104	2002.40	0.0551	P	0.9
4	☐	50.000	51.237	34543.88	1.0192	P	3.2
5	☐	125.000	126.742	85307.74	2.5007	P	0.3
6	☐	250.000	257.977	165526.04	5.0757	P	1.6
7	☐	500.000	509.319	313615.42	10.0074	P	1.2
8	☐	1000.000	993.066	615532.69	19.4992	P	0.8
9	☐			25222.90	0.7739	P	1.3

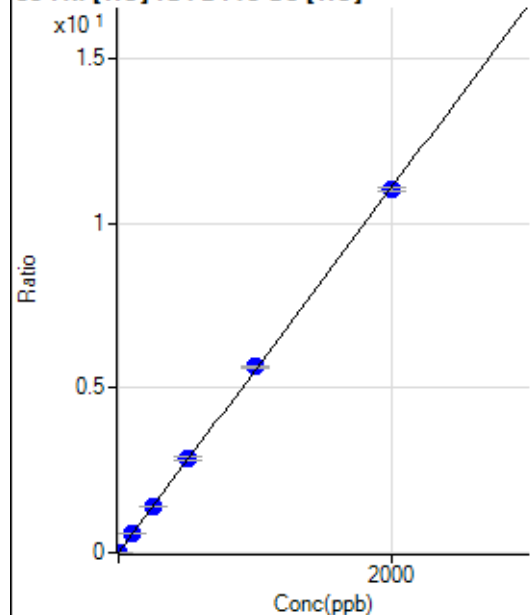
$$y = 0.0196 * x + 0.0139$$

$$R = 0.9999$$

$$DL = 0.06306$$

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	164.45	0.0045	P	2.5
2	☐	0.100					
3	☐	1.000	1.079	381.12	0.0105	P	6.8
4	☐	100.000	102.651	19448.18	0.5739	P	3.8
5	☐	250.000	252.880	48003.43	1.4072	P	0.9
6	☐	500.000	515.017	93300.25	2.8612	P	2.4
7	☐	1000.000	1017.355	176989.20	5.6476	P	0.9
8	☐	2000.000	1987.076	348068.84	11.0264	P	1.0
9	☐			1844.60	0.0566	P	8.1

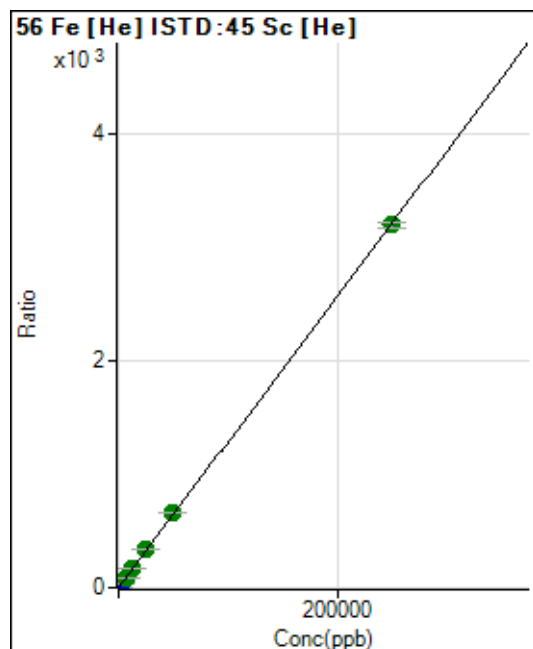
$$y = 0.0055 * x + 0.0045$$

$$R = 0.9999$$

$$DL = 0.06186$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1590.88	0.0437	P	4.1
2	☐	5.000					
3	☐	50.000	51.541	25581.40	0.7046	P	1.1
4	☐	2500.000	2644.321	1150640.70	33.9501	P	3.2
5	☐	6250.000	6622.490	2898261.15	84.9596	A	0.4
6	☐	12500.000	13358.298	5587333.05	171.3284	A	1.5
7	☐	25000.000	26478.289	10641148.50	339.5573	A	1.3
8	☐	50000.000	51526.686	20857453.94	660.7364	A	0.9
9	☐	250000.00	249493.16	104260838.4	3,199.129	A	1.9

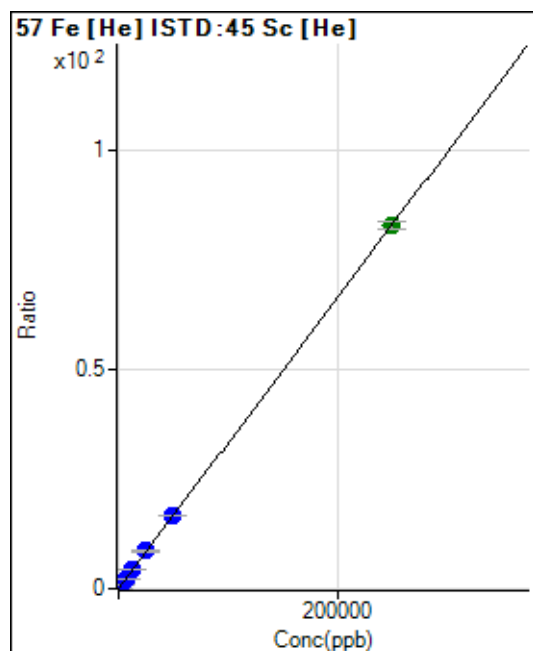
$$y = 0.0128 * x + 0.0437$$

$$R = 1.0000$$

$$DL = 0.423$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0006	P	24.9
2	☐	5.000					
3	☐	50.000	50.784	631.51	0.0174	P	6.9
4	☐	2500.000	2614.038	29316.61	0.8652	P	4.1
5	☐	6250.000	6418.168	72434.28	2.1233	P	0.2
6	☐	12500.000	12997.516	140197.17	4.2993	P	2.1
7	☐	25000.000	25848.190	267934.02	8.5494	P	0.9
8	☐	50000.000	50266.514	524805.48	16.6253	P	1.0
9	☐	250000.00	249831.65	2692837.73	82.6277	A	2.2

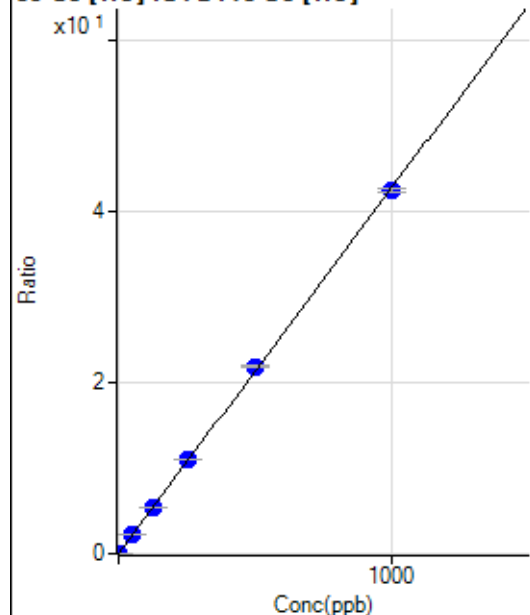
$$y = 3.3073E-004 * x + 6.1082E-004$$

$$R = 1.0000$$

$$DL = 1.377$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0014	P	17.3
2	☐	0.100					
3	☐	1.000	1.031	1647.91	0.0454	P	8.1
4	☐	50.000	51.483	74488.78	2.1976	P	2.8
5	☐	125.000	126.735	184484.51	5.4079	P	0.2
6	☐	250.000	257.269	357961.21	10.9766	P	1.6
7	☐	500.000	510.780	682924.15	21.7915	P	0.9
8	☐	1000.000	992.502	1336596.37	42.3420	P	1.0
9	☐			16778.05	0.5148	P	1.6

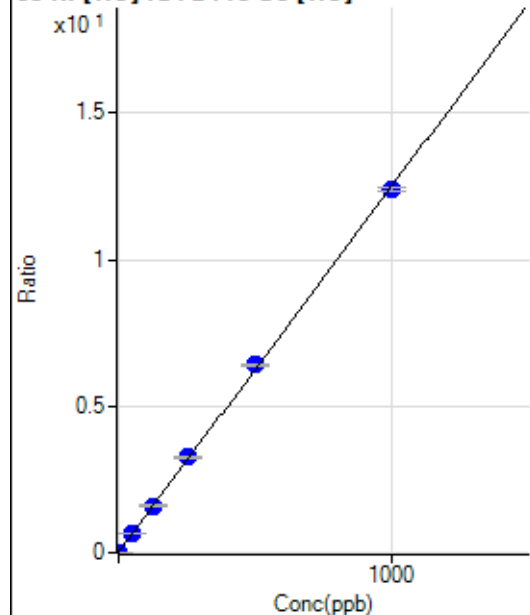
$$y = 0.0427 * x + 0.0014$$

$$R = 0.9999$$

$$DL = 0.01672$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	510.02	0.0140	P	7.3
2	☐	0.100					
3	☐	1.000	1.266	1082.28	0.0298	P	10.6
4	☐	50.000	52.995	22890.18	0.6754	P	3.7
5	☐	125.000	127.649	54823.13	1.6071	P	1.0
6	☐	250.000	259.385	106027.41	3.2512	P	1.6
7	☐	500.000	512.732	200983.97	6.4131	P	0.8
8	☐	1000.000	990.807	390783.75	12.3796	P	1.0
9	☐			13612.40	0.4177	P	3.1

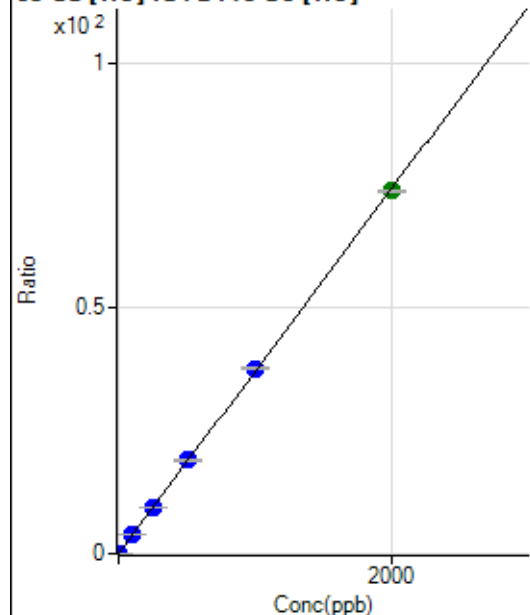
$$y = 0.0125 * x + 0.0140$$

$$R = 0.9998$$

$$DL = 0.2466$$

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	648.92	0.0178	P	6.3
2	☐	0.200					
3	☐	2.000	2.024	3372.69	0.0930	P	4.5
4	☐	100.000	102.583	129643.01	3.8253	P	3.4
5	☐	250.000	251.044	318464.38	9.3356	P	0.8
6	☐	500.000	511.701	619944.36	19.0101	P	1.6
7	☐	1000.000	1015.423	1181655.78	37.7063	P	1.2
8	☐	2000.000	1989.103	2331126.56	73.8454	A	0.6
9	☐			6103.67	0.1873	P	1.3

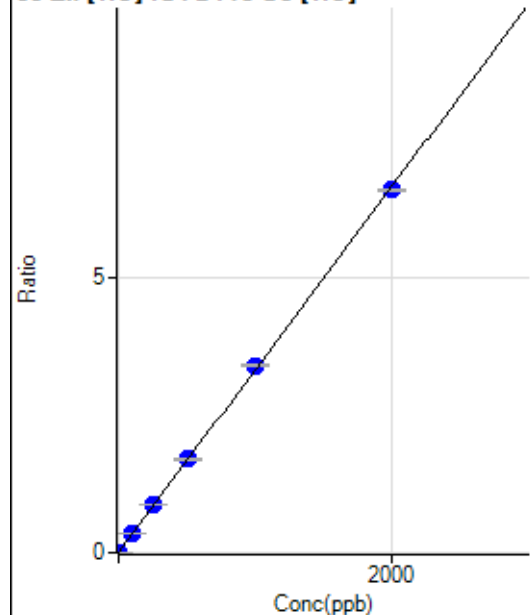
$$y = 0.0371 * x + 0.0178$$

$$R = 0.9999$$

$$DL = 0.09053$$

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	152.23	0.0042	P	22.7
2	☐	0.200					
3	☐	2.000	2.348	434.46	0.0120	P	8.9
4	☐	100.000	104.639	11926.41	0.3520	P	4.3
5	☐	250.000	258.901	29497.12	0.8647	P	1.0
6	☐	500.000	511.624	55591.93	1.7047	P	1.6
7	☐	1000.000	1022.639	106652.41	3.4031	P	0.5
8	☐	2000.000	1984.430	208340.95	6.5998	P	0.9
9	☐			1750.14	0.0537	P	0.5

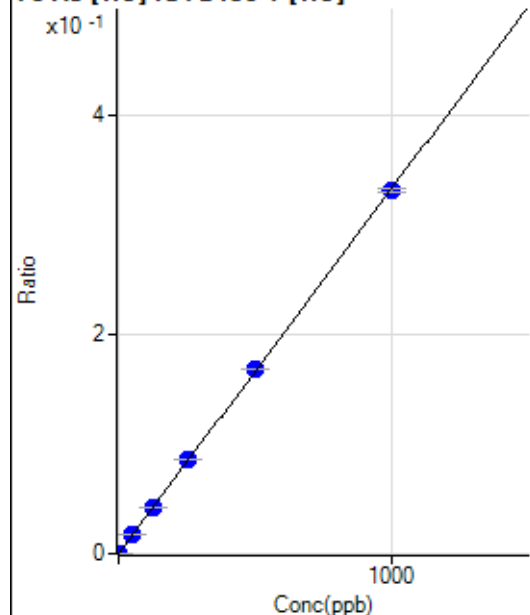
$$y = 0.0033 * x + 0.0042$$

$$R = 0.9999$$

$$DL = 0.856$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.09	0.0000	P	125.
2	☐	0.100					
3	☐	1.000	0.895	80.25	0.0003	P	7.9
4	☐	50.000	51.888	4206.23	0.0173	P	1.7
5	☐	125.000	125.929	10193.33	0.0420	P	1.8
6	☐	250.000	258.350	20328.00	0.0862	P	1.9
7	☐	500.000	506.501	38793.81	0.1689	P	0.4
8	☐	1000.000	994.452	76164.34	0.3316	P	1.1
9	☐			141.98	0.0006	P	12.7

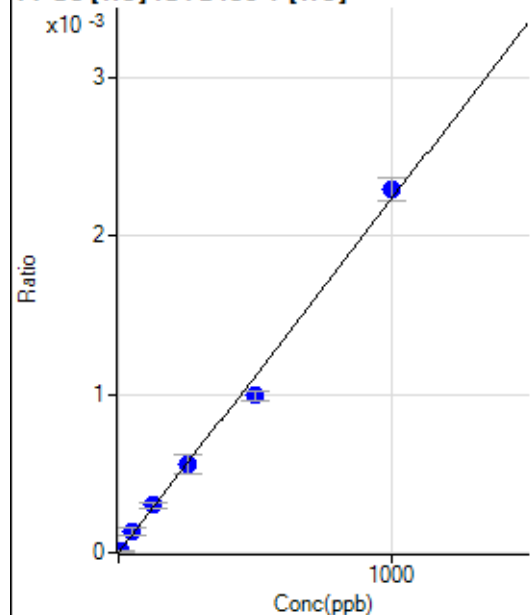
$$y = 3.3346\text{E-}004 * x + 1.1984\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.135$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.869	2.22	0.0000	P	173.
4	☐	50.000	59.420	32.22	0.0001	P	29.2
5	☐	125.000	135.546	73.33	0.0003	P	12.5
6	☐	250.000	249.229	131.11	0.0006	P	22.0
7	☐	500.000	444.551	227.78	0.0010	P	6.3
8	☐	1000.000	1026.134	525.58	0.0023	P	6.5
9	☐			2.22	0.0000	P	86.6

$$y = 2.2306\text{E-}006 * x + 0.0000\text{E+}000$$

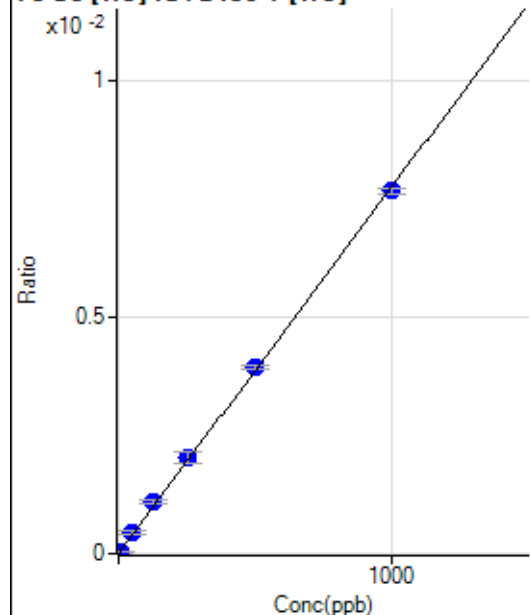
$$R = 0.9976$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.23	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.859	12.96	0.0001	P	27.9
4	☐	50.000	55.585	105.56	0.0004	P	15.9
5	☐	125.000	141.186	266.05	0.0011	P	6.8
6	☐	250.000	263.069	481.49	0.0020	P	11.8
7	☐	500.000	508.945	904.98	0.0039	P	1.4
8	☐	1000.000	989.953	1759.39	0.0077	P	1.8
9	☐			4.32	0.0000	P	66.7

$$y = 7.7334\text{E-}006 * x + 4.7767\text{E-}006$$

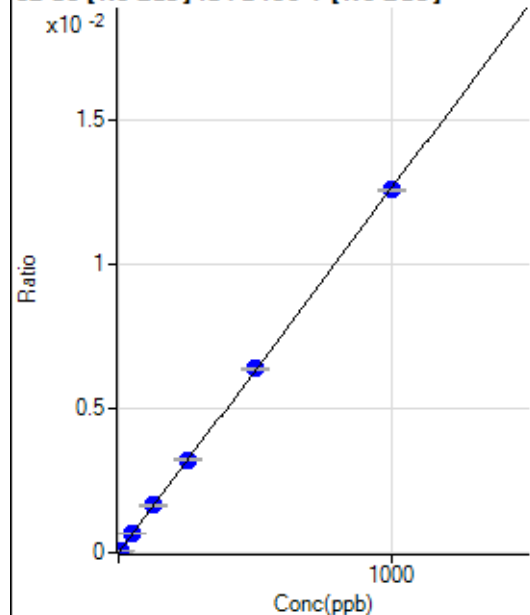
$$R = 0.9998$$

$$DL = 1.605$$

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	-22.60	0.0000	P	-52.
2	☐	0.500					
3	☐	5.000	5.392	509.94	0.0001	P	10.5
4	☐	50.000	51.399	4806.29	0.0006	P	1.1
5	☐	125.000	129.586	12047.01	0.0016	P	2.3
6	☐	250.000	255.593	24104.51	0.0032	P	1.4
7	☐	500.000	504.378	47598.62	0.0064	P	0.8
8	☐	1000.000	995.767	95325.41	0.0126	P	0.8
9	☐			68.43	0.0000	P	45.5

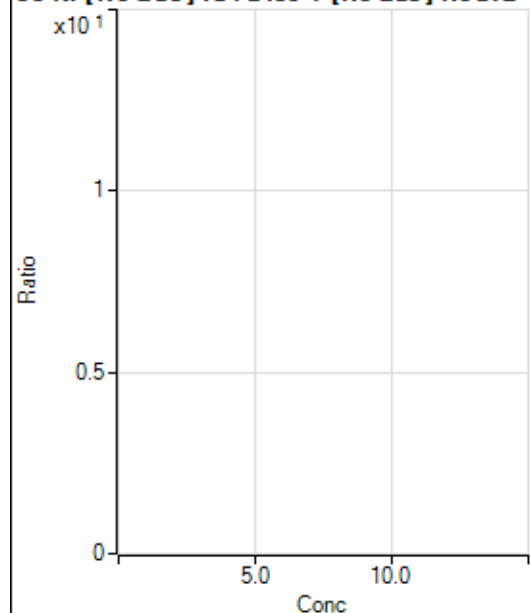
$$y = 1.2643\text{E-}005 * x - 2.8027\text{E-}006$$

$$R = 1.0000$$

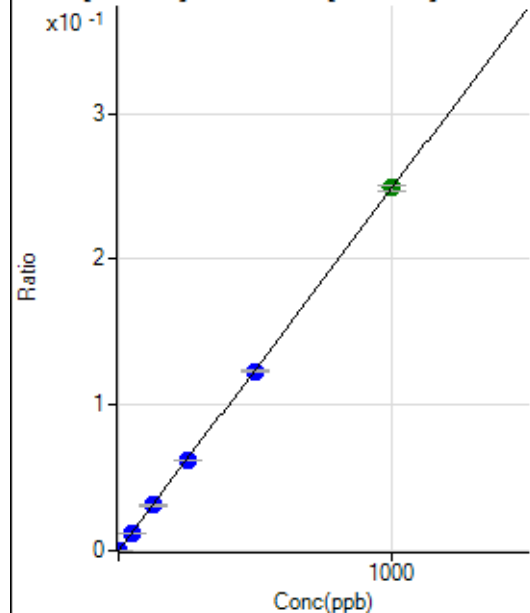
$$DL = 0.3472$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			363.34	0.0000	P	3.2
2	☐						
3	☐			363.34	0.0000	P	11.3
4	☐			325.57	0.0000	P	5.4
5	☐			357.79	0.0000	P	4.1
6	☐			371.12	0.0000	P	5.9
7	☐			373.35	0.0000	P	4.2
8	☐			342.23	0.0000	P	10.5
9	☐			367.79	0.0001	P	16.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	569.49	0.0001	P	15.3
2	☐	0.100					
3	☐	1.000	0.993	2472.56	0.0003	P	8.3
4	☐	50.000	49.825	92476.53	0.0124	P	0.6
5	☐	125.000	125.951	230999.31	0.0314	P	2.4
6	☐	250.000	249.974	464193.08	0.0622	P	1.2
7	☐	500.000	495.997	920752.04	0.1233	P	0.9
8	☐	1000.000	1001.898	1885612.24	0.2490	A	1.5
9	☐			9740.02	0.0014	P	11.4

$$y = 2.4843E-004 * x + 7.0766E-005$$

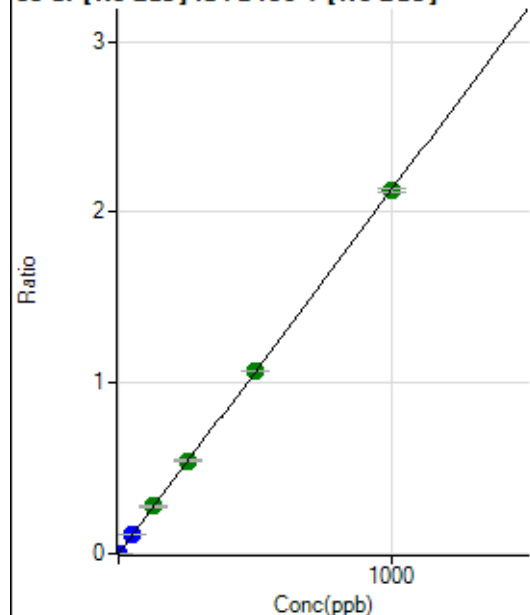
$$R = 1.0000$$

$$DL = 0.1307$$

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	172.23	0.0000	P	14.4
2	☐	0.100					
3	☐	1.000	1.004	16836.05	0.0022	P	2.1
4	☐	50.000	50.408	797666.75	0.1074	P	0.2
5	☐	125.000	130.294	2044275.72	0.2775	A	1.8
6	☐	250.000	255.045	4055411.20	0.5432	A	1.7
7	☐	500.000	501.110	7970389.76	1.0673	A	0.2
8	☐	1000.000	997.502	16090136.82	2.1245	A	1.2
9	☐			77487.60	0.0111	P	9.8

$$y = 0.0021 * x + 2.1389E-005$$

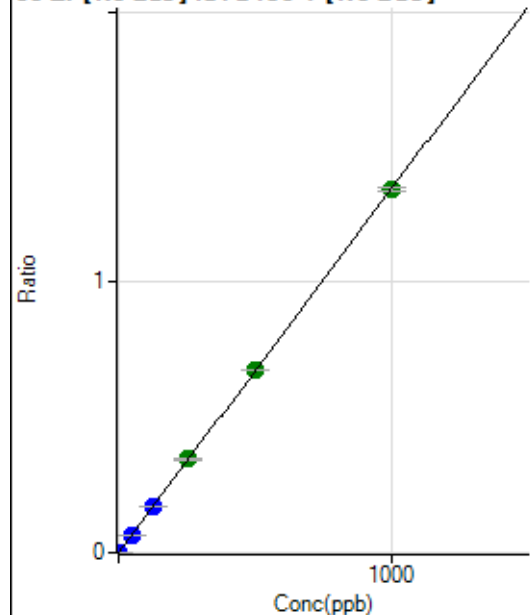
$$R = 1.0000$$

$$DL = 0.004353$$

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	627.82	0.0001	P	6.4
2	☐	0.100					
3	☐	1.000	0.904	10079.13	0.0013	P	8.7
4	☐	50.000	49.657	496657.61	0.0669	P	0.2
5	☐	125.000	127.383	1262444.18	0.1714	P	2.2
6	☐	250.000	257.006	2580608.39	0.3457	A	2.7
7	☐	500.000	502.084	5043062.66	0.6753	A	0.7
8	☐	1000.000	996.926	10154577.22	1.3408	A	1.2
9	☐			2855.99	0.0004	P	12.0

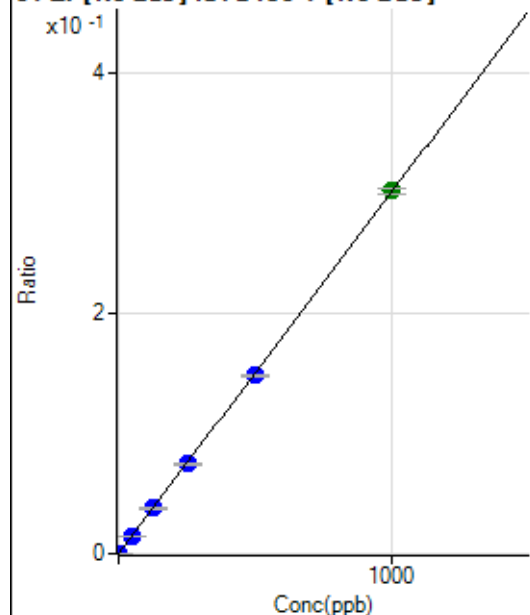
$$y = 0.0013 * x + 7.7993E-005$$

$$R = 1.0000$$

$$DL = 0.01108$$

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	94.45	0.0000	P	51.0
2	☐	0.100					
3	☐	1.000	0.901	2208.62	0.0003	P	5.8
4	☐	50.000	49.001	109751.22	0.0148	P	0.2
5	☐	125.000	125.663	278945.71	0.0379	P	2.3
6	☐	250.000	248.815	559675.13	0.0750	P	2.3
7	☐	500.000	493.293	1109923.66	0.1486	P	0.7
8	☐	1000.000	1003.617	2290019.82	0.3024	A	1.4
9	☐			641.71	0.0001	P	6.6

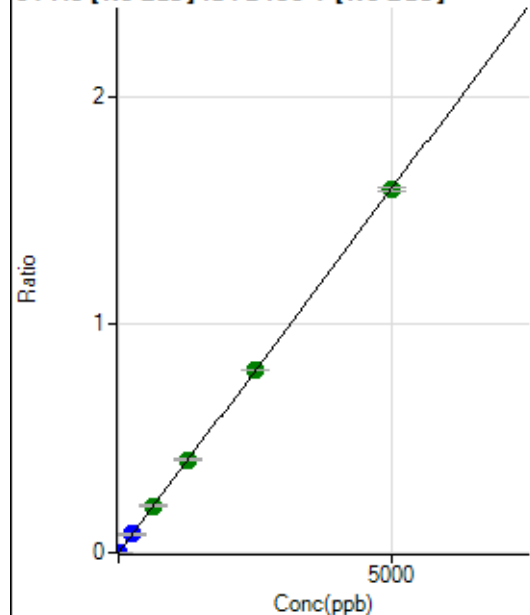
$$y = 3.0127\text{E-}004 * x + 1.1734\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.05956$$

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	197.23	0.0000	P	17.5
2	☐	0.500					
3	☐	5.000	4.745	12003.00	0.0015	P	3.0
4	☐	250.000	251.116	595920.52	0.0802	P	0.3
5	☐	625.000	641.664	1509677.57	0.2049	A	1.9
6	☐	1250.000	1274.768	3039630.58	0.4071	A	1.4
7	☐	2500.000	2515.639	5999854.56	0.8034	A	0.3
8	☐	5000.000	4983.850	12054727.61	1.5917	A	1.0
9	☐			15592.81	0.0022	P	9.6

$$y = 3.1936\text{E-}004 * x + 2.4513\text{E-}005$$

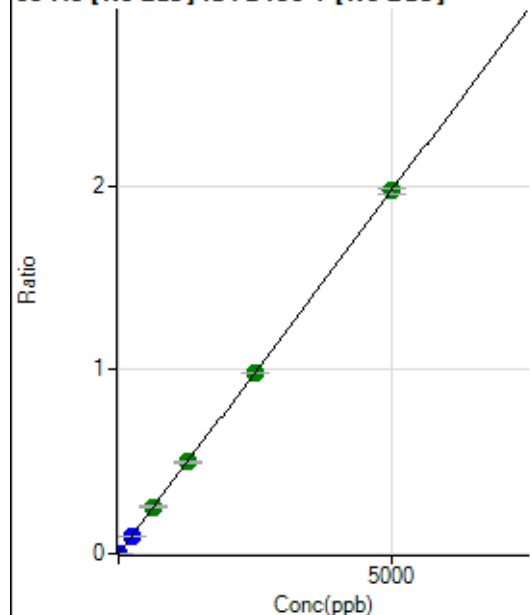
$$R = 1.0000$$

$$DL = 0.04032$$

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	30.56	0.0000	P	63.0
2	☐	0.500					
3	☐	5.000	4.914	15142.38	0.0019	P	0.7
4	☐	250.000	249.278	730397.78	0.0983	P	0.6
5	☐	625.000	644.701	1872821.61	0.2543	A	3.2
6	☐	1250.000	1260.479	3711497.22	0.4972	A	1.9
7	☐	2500.000	2493.374	7344219.44	0.9834	A	0.3
8	☐	5000.000	4998.267	14930488.70	1.9714	A	1.3
9	☐			24870.84	0.0036	P	10.1

$$y = 3.9442\text{E-}004 * x + 3.7955\text{E-}006$$

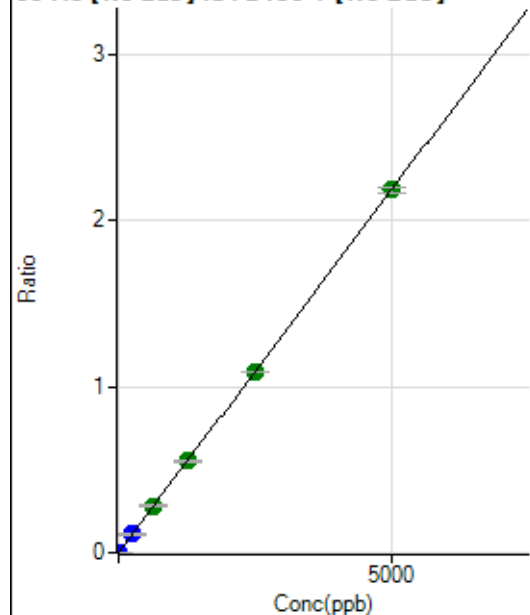
$$R = 1.0000$$

$$DL = 0.01818$$

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	150.01	0.0000	P	39.3
2	☐	0.500					
3	☐	5.000	4.783	16427.26	0.0021	P	3.2
4	☐	250.000	251.963	817548.10	0.1101	P	0.2
5	☐	625.000	643.030	2068508.79	0.2808	A	2.7
6	☐	1250.000	1264.293	4122281.91	0.5522	A	1.4
7	☐	2500.000	2489.123	8118230.74	1.0871	A	0.7
8	☐	5000.000	4999.513	16535986.48	2.1834	A	1.2
9	☐			28333.22	0.0041	P	11.9

$$y = 4.3671\text{E-}004 * x + 1.8654\text{E-}005$$

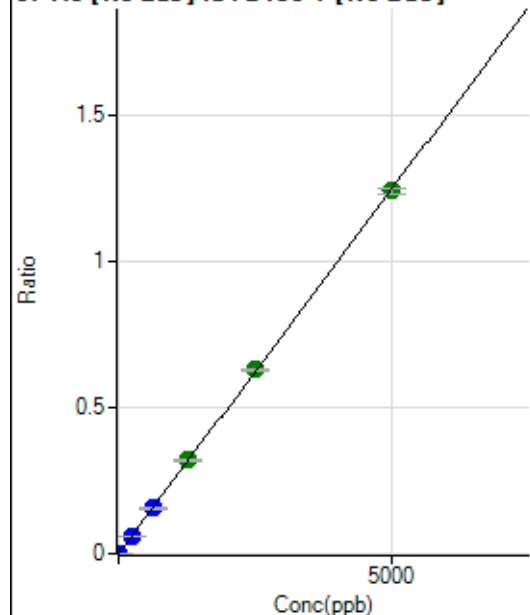
$$R = 1.0000$$

$$DL = 0.05038$$

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	69.45	0.0000	P	57.0
2	☐	0.500					
3	☐	5.000	4.899	9592.71	0.0012	P	3.0
4	☐	250.000	246.497	456698.39	0.0615	P	0.3
5	☐	625.000	622.695	1143921.15	0.1553	P	1.9
6	☐	1250.000	1282.059	2386832.95	0.3197	A	2.1
7	☐	2500.000	2523.008	4698614.12	0.6292	A	0.9
8	☐	5000.000	4980.945	9407229.29	1.2421	A	1.5
9	☐			15420.47	0.0022	P	10.8

$$y = 2.4937\text{E-}004 * x + 8.6413\text{E-}006$$

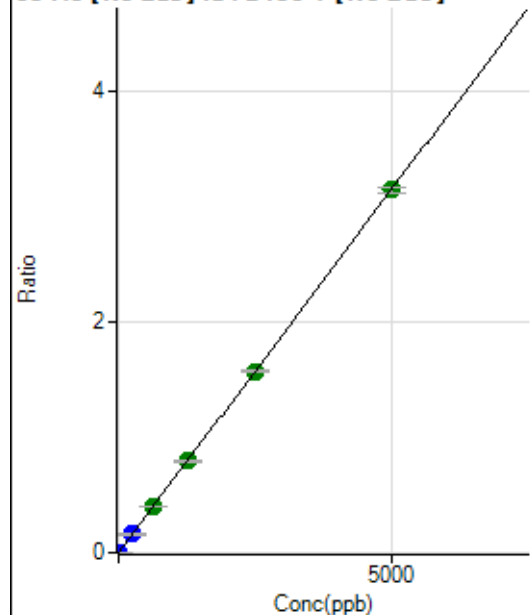
$$R = 1.0000$$

$$DL = 0.05921$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	102.78	0.0000	P	32.5
2	☐	0.500					
3	☐	5.000	4.814	23741.17	0.0030	P	3.2
4	☐	250.000	251.518	1177225.58	0.1585	P	0.3
5	☐	625.000	637.717	2959552.72	0.4018	A	2.1
6	☐	1250.000	1262.929	5939913.76	0.7957	A	2.1
7	☐	2500.000	2500.186	11763152.43	1.5752	A	0.6
8	☐	5000.000	4995.009	23833434.91	3.1469	A	1.3
9	☐			39706.37	0.0057	P	12.4

$$y = 6.3001\text{E-}004 * x + 1.2763\text{E-}005$$

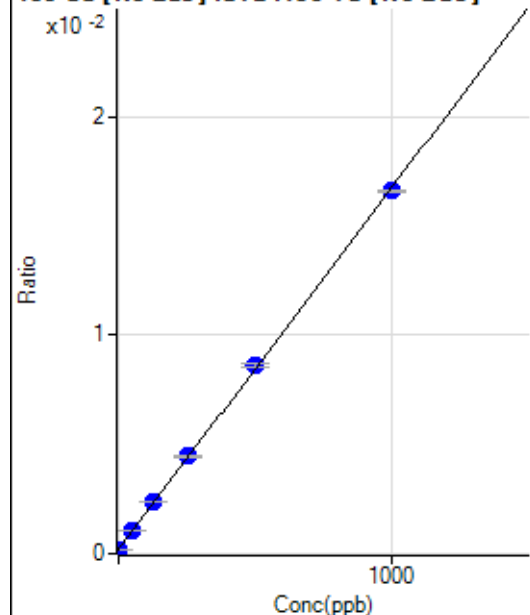
$$R = 1.0000$$

$$DL = 0.01978$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1919.68	0.0002	P	3.6
2	☐	0.100					
3	☐	1.000	0.480	1936.35	0.0002	P	5.7
4	☐	50.000	52.095	9662.17	0.0011	P	5.1
5	☐	125.000	131.496	22041.09	0.0024	P	1.3
6	☐	250.000	257.261	42063.94	0.0045	P	2.9
7	☐	500.000	509.427	82454.65	0.0086	P	1.4
8	☐	1000.000	992.555	164801.11	0.0166	P	0.6
9	☐			1758.53	0.0002	P	8.0

$$y = 1.6550\text{E-}005 * x + 1.9267\text{E-}004$$

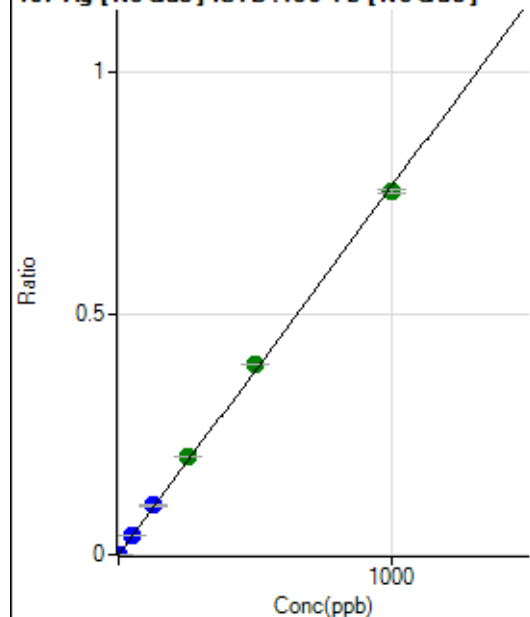
$$R = 0.9999$$

$$DL = 1.272$$

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	38.89	0.0000	P	12.1
2	☐	0.100					
3	☐	1.000	1.068	7902.68	0.0008	P	2.3
4	☐	50.000	53.687	375254.34	0.0410	P	0.5
5	☐	125.000	133.939	950653.87	0.1022	P	1.9
6	☐	250.000	266.477	1921539.76	0.2033	A	1.6
7	☐	500.000	518.468	3781855.55	0.3955	A	0.3
8	☐	1000.000	985.345	7453696.26	0.7517	A	1.0
9	☐			730.62	0.0001	P	31.3

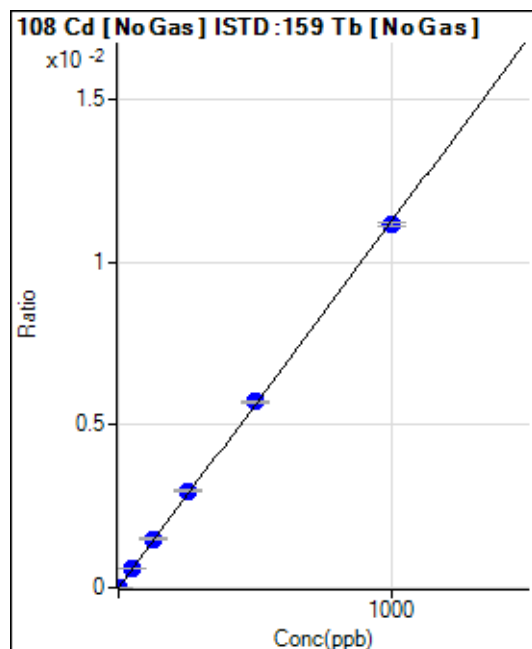
$$y = 7.6289\text{E-}004 * x + 3.9018\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.001853$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.72	0.0000	P	89.3
2	☐	0.100					
3	☐	1.000	0.986	116.67	0.0000	P	11.6
4	☐	50.000	53.058	5484.55	0.0006	P	1.6
5	☐	125.000	133.833	14032.54	0.0015	P	4.5
6	☐	250.000	263.431	28057.32	0.0030	P	2.4
7	☐	500.000	509.226	54857.26	0.0057	P	1.0
8	☐	1000.000	990.772	110678.56	0.0112	P	1.1
9	☐			43.06	0.0000	P	8.2

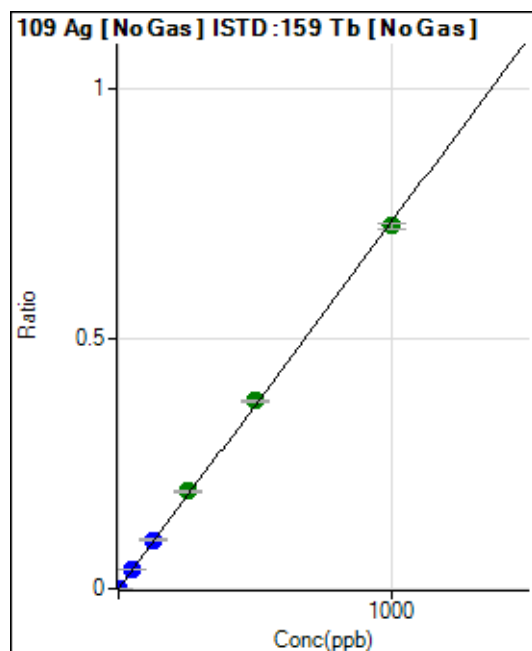
$$y = 1.1265\text{E-}005 * x + 9.7410\text{E-}007$$

$$R = 0.9998$$

$$DL = 0.2316$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.4
2	☐	0.100					
3	☐	1.000	1.073	7624.71	0.0008	P	1.9
4	☐	50.000	53.591	360496.54	0.0394	P	1.6
5	☐	125.000	132.919	908039.28	0.0976	P	1.5
6	☐	250.000	265.040	1839530.49	0.1946	A	1.0
7	☐	500.000	512.032	3594758.07	0.3760	A	0.7
8	☐	1000.000	989.054	7200687.23	0.7262	A	1.6
9	☐			763.95	0.0001	P	20.0

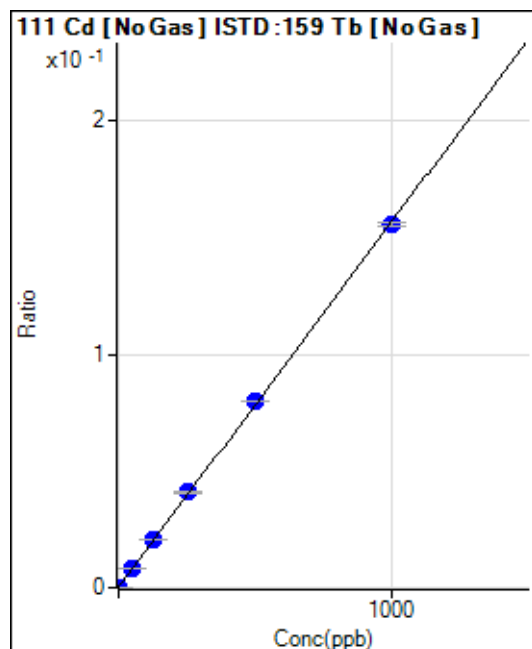
$$y = 7.3427\text{E-}004 * x + 1.9507\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.001946$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1349.47	0.0001	P	4.3
2	☐	0.100					
3	☐	1.000	0.956	2750.28	0.0003	P	2.5
4	☐	50.000	53.360	77740.63	0.0085	P	0.2
5	☐	125.000	132.040	193506.23	0.0208	P	1.3
6	☐	250.000	260.262	386215.40	0.0409	P	2.2
7	☐	500.000	508.329	761883.99	0.0797	P	0.2
8	☐	1000.000	992.222	1540955.95	0.1554	P	1.1
9	☐			1593.90	0.0002	P	11.6

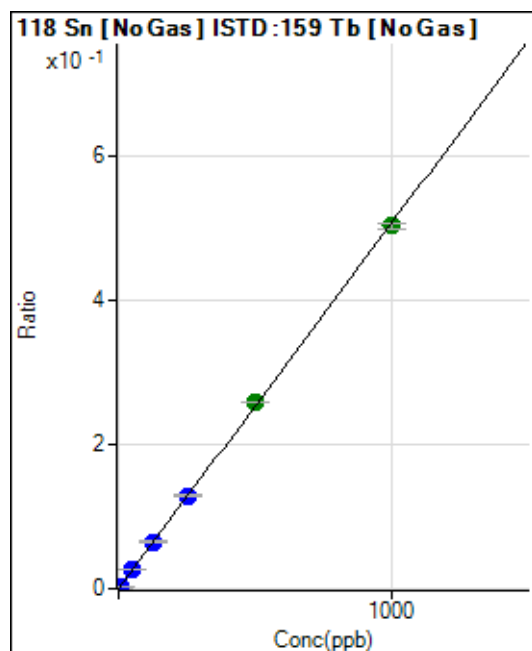
$$y = 1.5649\text{E-}004 * x + 1.3544\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1117$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	641.72	0.0001	P	4.5
2	☐	0.500					
3	☐	5.000	4.955	24888.02	0.0026	P	3.2
4	☐	50.000	51.884	241888.19	0.0264	P	0.5
5	☐	125.000	128.696	608465.10	0.0654	P	1.2
6	☐	250.000	255.022	1224288.80	0.1295	P	1.6
7	☐	500.000	510.567	2478871.39	0.2593	A	0.8
8	☐	1000.000	992.905	4998603.46	0.5041	A	1.4
9	☐			24392.49	0.0027	P	9.7

$$y = 5.0767\text{E-}004 * x + 6.4396\text{E-}005$$

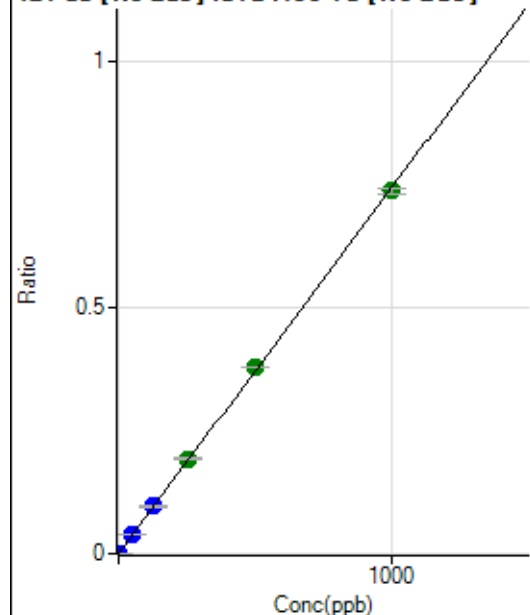
$$R = 0.9999$$

$$DL = 0.01702$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	43.8
2	☐	0.200					
3	☐	2.000	2.018	14508.41	0.0015	P	3.5
4	☐	50.000	51.641	351168.60	0.0383	P	1.2
5	☐	125.000	129.879	896801.61	0.0964	P	2.1
6	☐	250.000	258.744	1815162.39	0.1920	A	1.4
7	☐	500.000	509.913	3618459.11	0.3785	A	0.5
8	☐	1000.000	992.166	7301326.47	0.7364	A	1.4
9	☐			19459.30	0.0022	P	13.7

$$y = 7.4217\text{E-}004 * x + 6.1312\text{E-}006$$

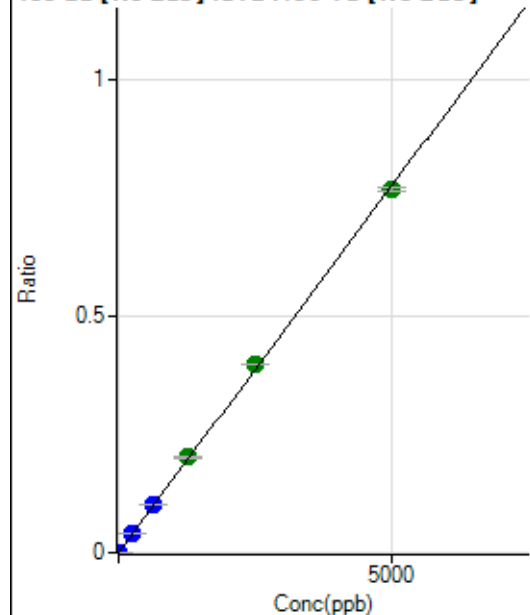
$$R = 0.9999$$

$$DL = 0.01084$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	64.0
2	☐	1.000					
3	☐	10.000	10.064	15087.00	0.0016	P	1.8
4	☐	250.000	259.187	367740.08	0.0401	P	0.9
5	☐	625.000	649.736	936055.12	0.1006	P	2.2
6	☐	1250.000	1307.840	1914175.65	0.2025	A	2.0
7	☐	2500.000	2566.832	3800476.69	0.3975	A	0.5
8	☐	5000.000	4948.573	7598589.23	0.7663	A	1.0
9	☐			1316.80	0.0001	P	16.9

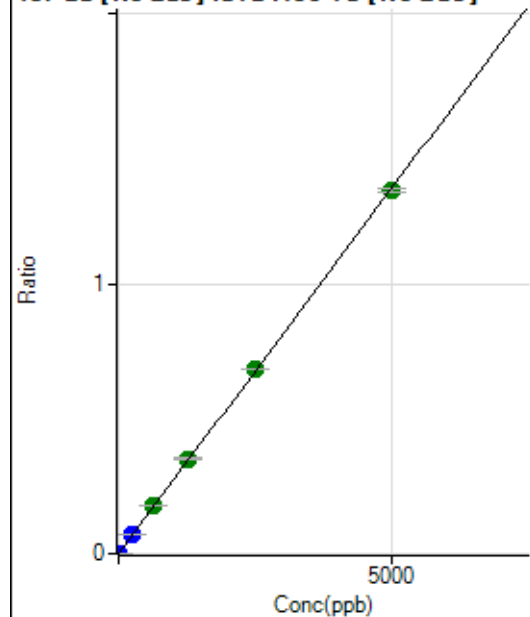
$$y = 1.5485\text{E-}004 * x + 5.3011\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.06575$$

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	52.78	0.0000	P	55.2
2	☐	1.000					
3	☐	10.000	10.002	26157.36	0.0027	P	2.6
4	☐	250.000	261.447	648024.09	0.0707	P	0.7
5	☐	625.000	651.435	1639772.44	0.1762	A	1.2
6	☐	1250.000	1297.876	3318417.76	0.3511	A	2.8
7	☐	2500.000	2531.933	6549404.22	0.6850	A	0.2
8	☐	5000.000	4968.188	13327445.61	1.3441	A	1.2
9	☐			2325.31	0.0003	P	10.9

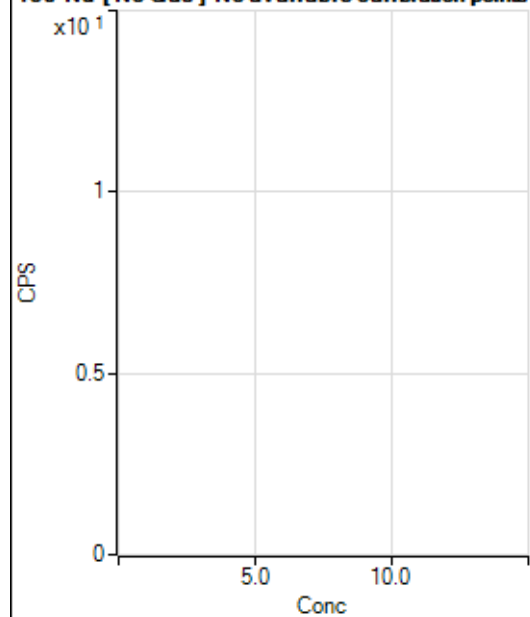
$$y = 2.7054E-004 * x + 5.2899E-006$$

$$R = 0.9999$$

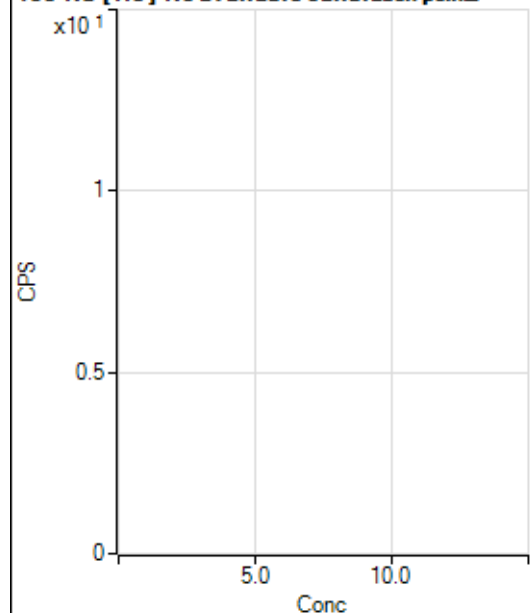
$$DL = 0.03236$$

Weight: <None>

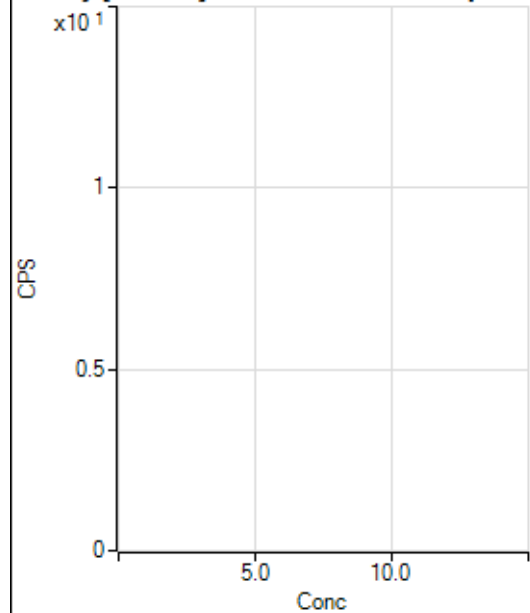
Min Conc: 0

150 Nd [No Gas] No available calibration points

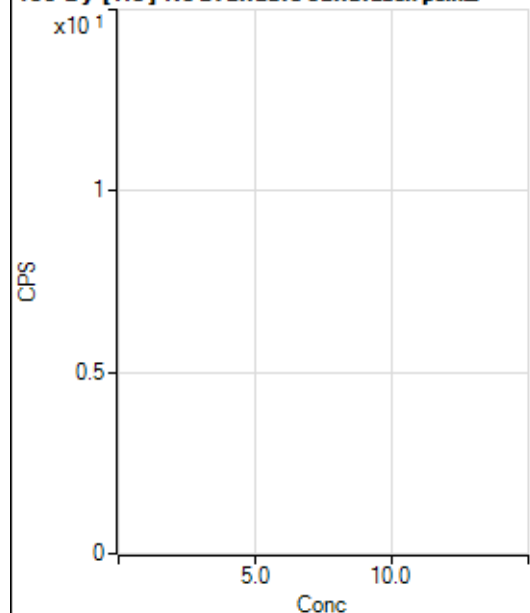
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	100.
2	☐						
3	☐			6.67		P	100.
4	☐			31.11		P	32.7
5	☐			55.56		P	18.3
6	☐			71.12		P	23.6
7	☐			155.56		P	26.2
8	☐			293.35		P	9.9
9	☐			75.56		P	43.5

150 Nd [He] No available calibration points

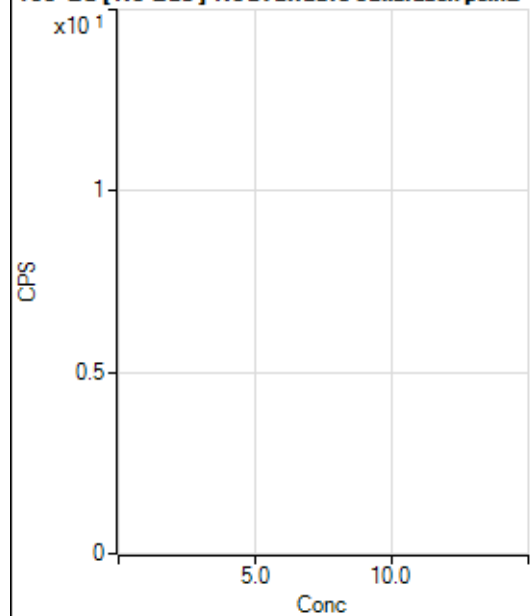
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			4.44		P	43.4
7	☐			3.33		P	173.
8	☐			4.44		P	43.4
9	☐			14.44		P	58.1

156 Dy [No Gas] No available calibration points

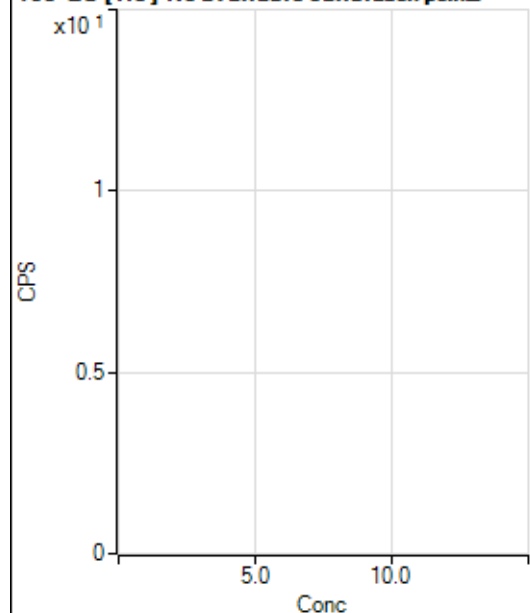
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐						
3	☐			19.44		P	65.5
4	☐			38.89		P	53.9
5	☐			36.11		P	74.2
6	☐			44.45		P	39.0
7	☐			52.78		P	24.1
8	☐			94.45		P	18.4
9	☐			77.78		P	34.4

156 Dy [He] No available calibration points

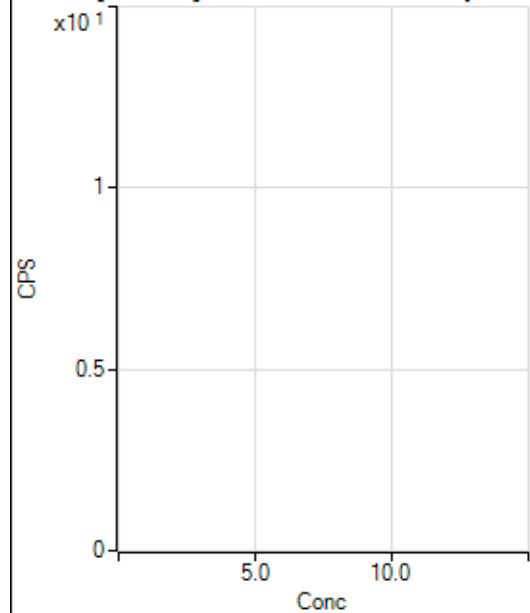
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			2.22		P	86.6
5	☐			2.22		P	86.6
6	☐			4.44		P	173.
7	☐			7.78		P	99.0
8	☐			3.33		P	100.
9	☐			16.67		P	20.0

160 Gd [No Gas] Noavailable calibration poin_

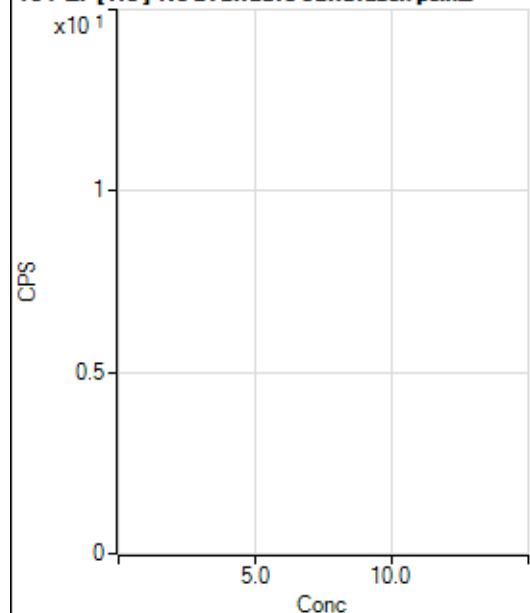
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.01		P	30.0
2	☐						
3	☐			80.56		P	21.5
4	☐			58.34		P	0.0
5	☐			41.67		P	34.7
6	☐			52.78		P	55.5
7	☐			97.23		P	32.5
8	☐			91.67		P	24.1
9	☐			102.78		P	26.1

160 Gd [He] No available calibration points

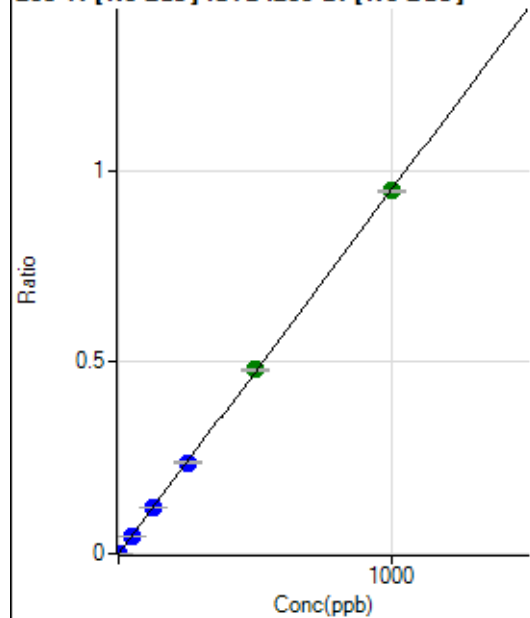
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	45.8
2	☐						
3	☐			8.89		P	94.4
4	☐			6.67		P	0.0
5	☐			16.67		P	40.0
6	☐			15.55		P	68.9
7	☐			12.22		P	41.7
8	☐			11.11		P	34.6
9	☐			14.44		P	35.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	27.0
2	☐						
3	☐			63.89		P	7.5
4	☐			50.00		P	33.3
5	☐			25.00		P	33.3
6	☐			41.67		P	34.6
7	☐			38.89		P	24.7
8	☐			47.22		P	10.2
9	☐			36.11		P	13.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐						
3	☐			4.45		P	86.6
4	☐			6.67		P	50.0
5	☐			2.22		P	173.
6	☐			7.78		P	24.7
7	☐			8.89		P	21.6
8	☐			5.55		P	69.3
9	☐			11.11		P	45.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0000	P	20.4
2	☐	0.100					
3	☐	1.000	0.937	5632.07	0.0009	P	3.9
4	☐	50.000	49.743	282083.44	0.0473	P	1.2
5	☐	125.000	127.308	721120.70	0.1209	P	2.1
6	☐	250.000	250.046	1459136.79	0.2375	P	2.1
7	☐	500.000	504.930	3009952.98	0.4797	A	1.3
8	☐	1000.000	997.248	6133501.70	0.9474	A	0.7
9	☐			3845.22	0.0007	P	6.7

$$y = 9.4996E-004 * x + 1.0308E-005$$

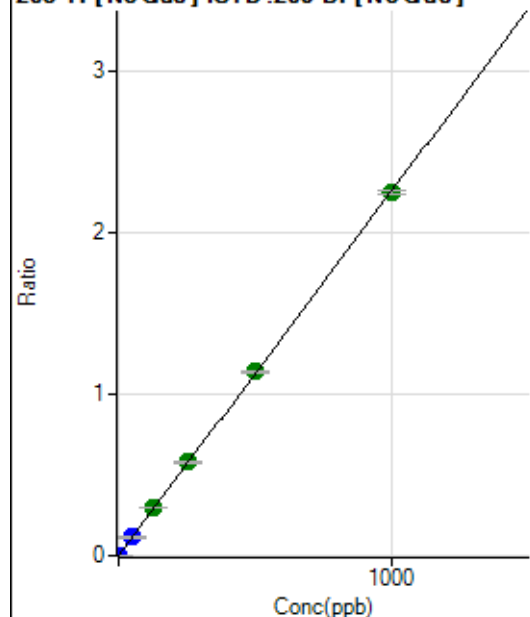
$$R = 1.0000$$

$$DL = 0.006627$$

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	77.78	0.0000	P	46.2
2	☐	0.100					
3	☐	1.000	1.016	14411.60	0.0023	P	6.0
4	☐	50.000	50.331	679169.11	0.1138	P	0.9
5	☐	125.000	131.788	1776465.71	0.2979	A	2.0
6	☐	250.000	256.664	3563946.87	0.5803	A	2.6
7	☐	500.000	504.075	7150849.99	1.1396	A	0.9
8	☐	1000.000	995.431	14569228.28	2.2504	A	1.0
9	☐			9609.67	0.0017	P	12.6

$$y = 0.0023 * x + 1.2106E-005$$

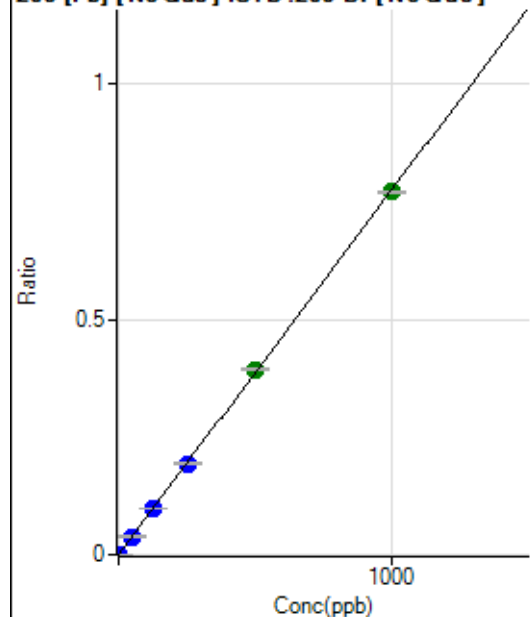
$$R = 0.9999$$

$$DL = 0.007427$$

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	244.46	0.0000	P	16.6
2	☐	0.100					
3	☐	1.000	0.963	4888.11	0.0008	P	7.6
4	☐	50.000	50.071	231429.60	0.0388	P	1.0
5	☐	125.000	126.599	584231.29	0.0980	P	1.8
6	☐	250.000	250.336	1189777.41	0.1937	P	2.8
7	☐	500.000	507.928	2466110.74	0.3930	A	1.0
8	☐	1000.000	995.749	4987939.64	0.7704	A	0.4
9	☐			30585.42	0.0054	P	10.6

$$y = 7.7367E-004 * x + 3.7916E-005$$

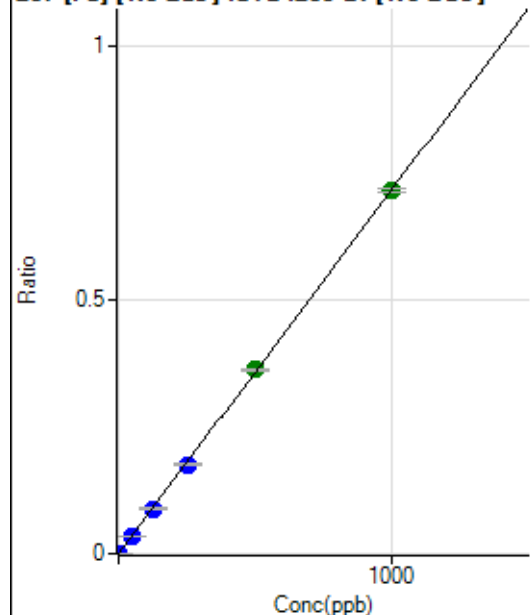
$$R = 1.0000$$

$$DL = 0.02434$$

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	214.82	0.0000	P	17.1
2	☐	0.100					
3	☐	1.000	0.935	4389.77	0.0007	P	6.8
4	☐	50.000	48.873	209053.87	0.0350	P	1.2
5	☐	125.000	123.612	527927.72	0.0885	P	1.9
6	☐	250.000	245.114	1078161.35	0.1755	P	2.8
7	☐	500.000	506.779	2277189.75	0.3629	A	1.2
8	☐	1000.000	998.062	4626813.93	0.7147	A	1.1
9	☐			25773.04	0.0046	P	10.2

$$y = 7.1602\text{E-}004 * x + 3.3340\text{E-}005$$

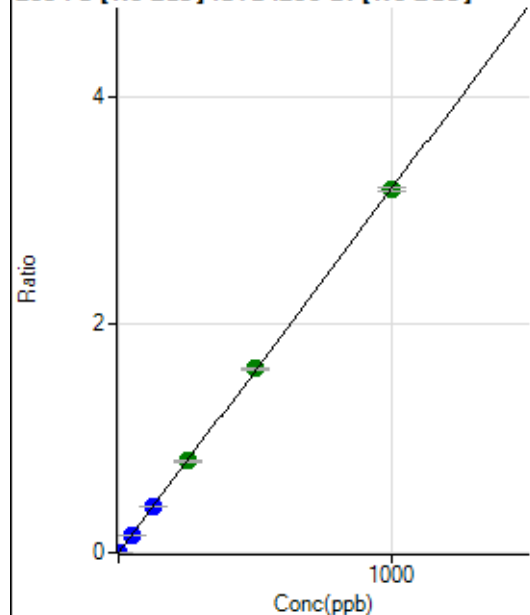
$$R = 1.0000$$

$$DL = 0.02387$$

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	959.31	0.0001	P	3.8
2	☐	0.100					
3	☐	1.000	0.960	20053.16	0.0032	P	5.1
4	☐	50.000	49.451	942231.15	0.1579	P	0.9
5	☐	125.000	125.344	2384596.34	0.3999	P	1.8
6	☐	250.000	252.001	4937492.44	0.8039	A	2.8
7	☐	500.000	505.289	10113864.90	1.6118	A	0.6
8	☐	1000.000	996.840	20584790.97	3.1796	A	1.0
9	☐			121053.15	0.0214	P	10.4

$$y = 0.0032 * x + 1.4869\text{E-}004$$

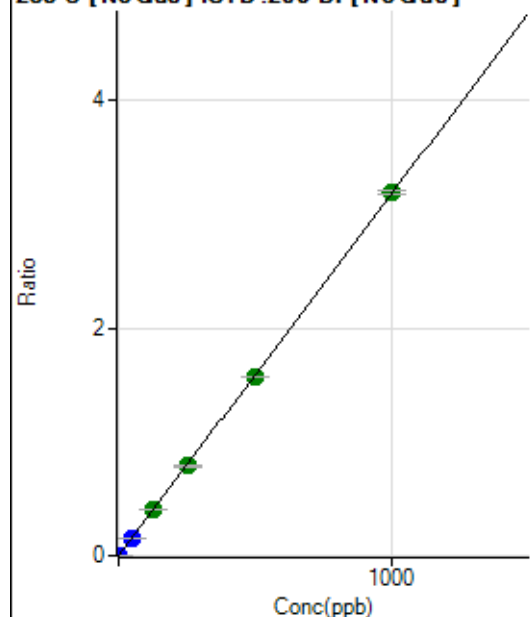
$$R = 1.0000$$

$$DL = 0.005372$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	51.3
2	☐	0.100					
3	☐	1.000	0.946	18814.97	0.0030	P	3.2
4	☐	50.000	48.638	922480.86	0.1546	P	0.5
5	☐	125.000	126.656	2399627.77	0.4025	A	2.2
6	☐	250.000	247.921	4838666.86	0.7878	A	2.8
7	☐	500.000	494.249	9855294.84	1.5706	A	0.7
8	☐	1000.000	1003.256	20639527.37	3.1880	A	0.9
9	☐			1855.79	0.0003	P	11.5

$$y = 0.0032 * x + 5.1875E-006$$

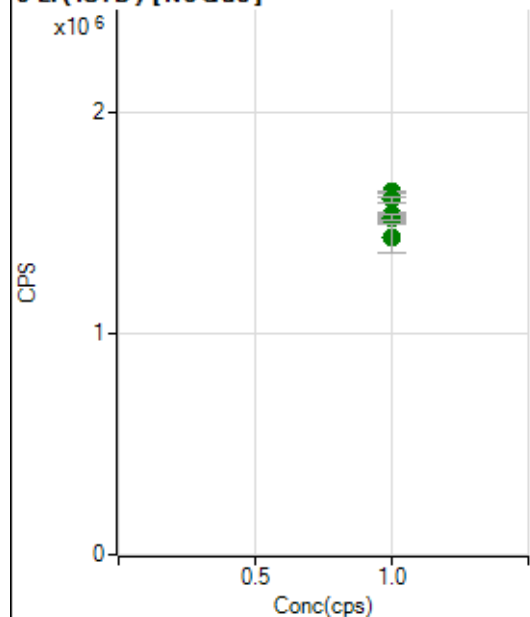
$$R = 1.0000$$

$$DL = 0.002513$$

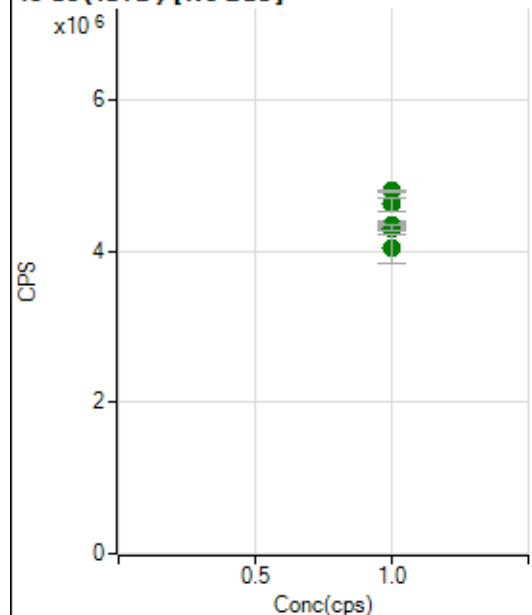
Weight: <None>

Min Conc: 0

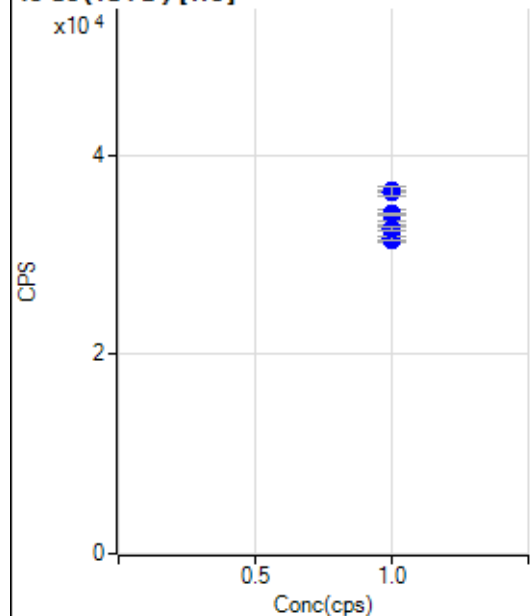
6 Li (ISTD) [No Gas]



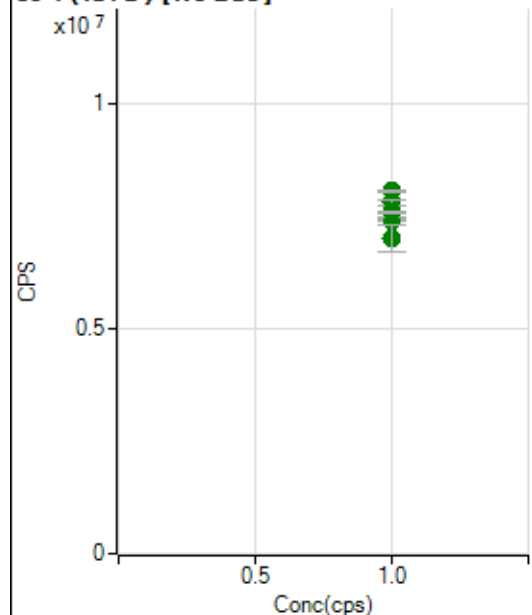
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1643253.60		A	0.6
2	☐	1.000					
3	☐	1.000		1609455.76		A	1.4
4	☐	1.000		1539743.81		A	0.9
5	☐	1.000		1523234.23		A	1.9
6	☐	1.000		1524154.77		A	1.1
7	☐	1.000		1522066.92		A	0.7
8	☐	1.000		1528545.01		A	1.8
9	☐	1.000		1434268.24		A	9.4

45 Sc (ISTD) [No Gas]

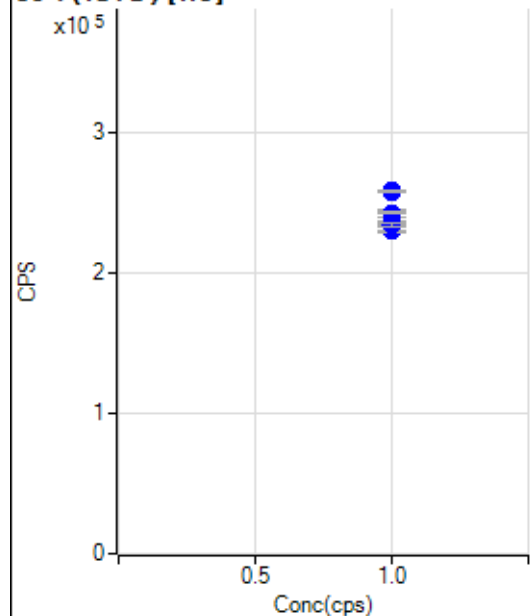
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4800642.56		A	0.2
2	☐	1.000					
3	☐	1.000		4625505.96		A	3.9
4	☐	1.000		4361567.37		A	1.0
5	☐	1.000		4353916.85		A	2.1
6	☐	1.000		4348555.26		A	1.3
7	☐	1.000		4295596.06		A	0.8
8	☐	1.000		4304692.33		A	1.9
9	☐	1.000		4039152.31		A	9.6

45 Sc (ISTD) [He]

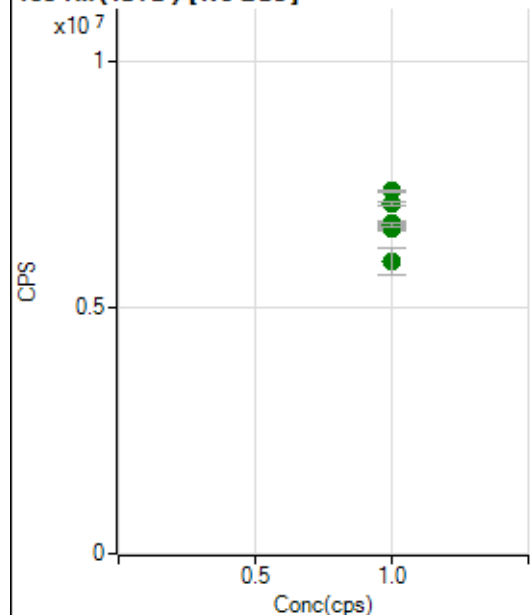
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		36381.67		P	0.8
2	☐	1.000					
3	☐	1.000		36312.70		P	2.9
4	☐	1.000		33914.53		P	3.1
5	☐	1.000		34113.79		P	0.5
6	☐	1.000		32616.89		P	1.6
7	☐	1.000		31340.68		P	0.9
8	☐	1.000		31569.02		P	1.1
9	☐	1.000		32595.68		P	1.3

89 Y (ISTD) [No Gas]

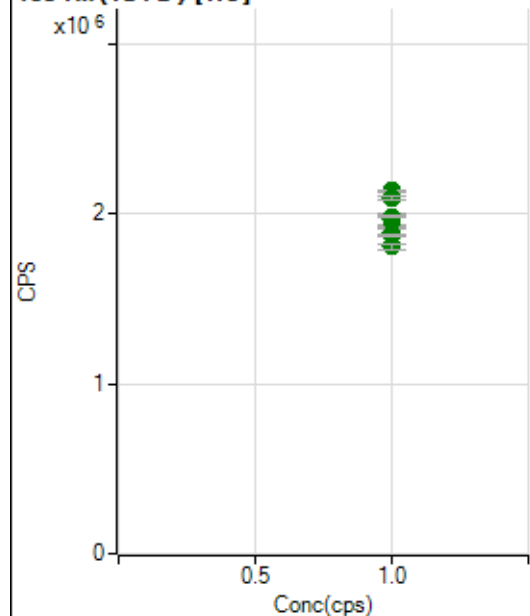
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8050081.48		A	0.4
2	☐	1.000					
3	☐	1.000		7797345.09		A	1.5
4	☐	1.000		7428550.58		A	0.1
5	☐	1.000		7367868.02		A	1.8
6	☐	1.000		7467062.11		A	1.7
7	☐	1.000		7467998.64		A	0.4
8	☐	1.000		7574135.58		A	0.9
9	☐	1.000		6997558.16		A	8.9

89 Y (ISTD) [He]

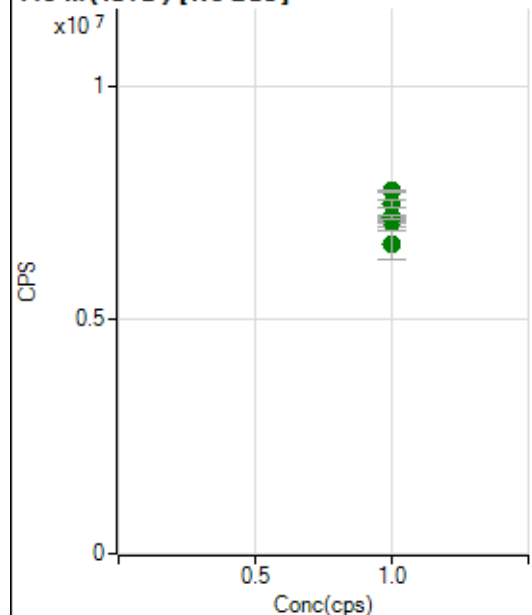
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		258071.71		P	0.4
2	☐	1.000					
3	☐	1.000		258495.55		P	0.9
4	☐	1.000		242910.81		P	2.3
5	☐	1.000		242662.30		P	0.6
6	☐	1.000		235954.10		P	0.9
7	☐	1.000		229670.14		P	0.9
8	☐	1.000		229672.67		P	0.5
9	☐	1.000		234668.01		P	1.4

103 Rh (ISTD) [No Gas]

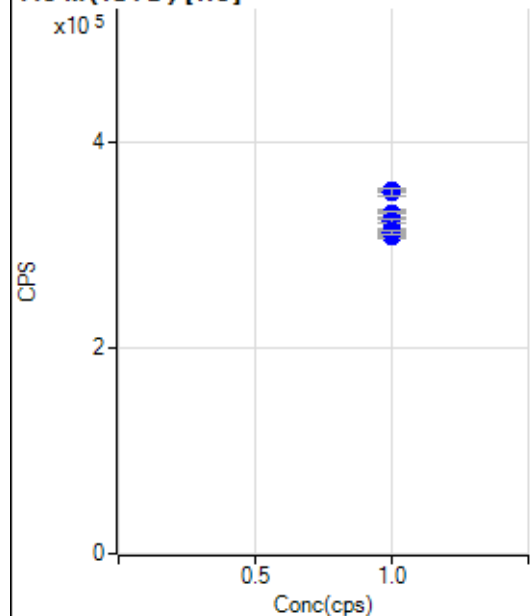
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7383901.81		A	0.5
2	☐	1.000					
3	☐	1.000		7113406.41		A	1.4
4	☐	1.000		6719186.00		A	0.7
5	☐	1.000		6664842.34		A	1.6
6	☐	1.000		6684562.95		A	2.8
7	☐	1.000		6612376.19		A	0.1
8	☐	1.000		6687831.31		A	0.9
9	☐	1.000		5951628.78		A	9.2

103 Rh (ISTD) [He]

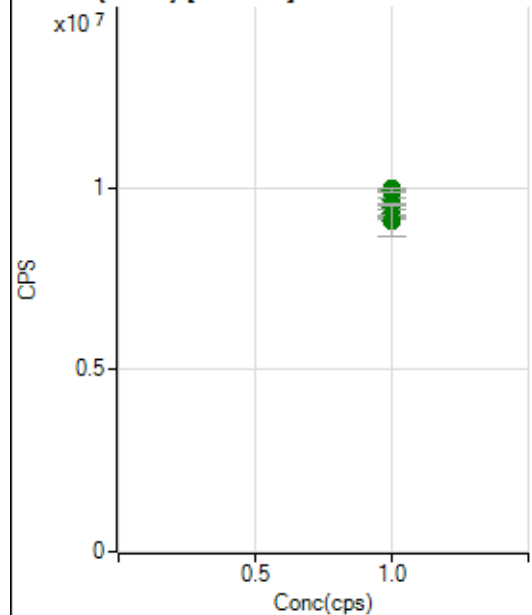
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2132093.46		A	0.5
2	☐	1.000					
3	☐	1.000		2087942.99		A	1.1
4	☐	1.000		1968979.03		A	3.3
5	☐	1.000		1978656.54		A	0.6
6	☐	1.000		1914415.37		A	0.9
7	☐	1.000		1888286.78		A	2.2
8	☐	1.000		1872068.98		A	0.5
9	☐	1.000		1803529.61		A	1.9

115 In (ISTD) [No Gas]

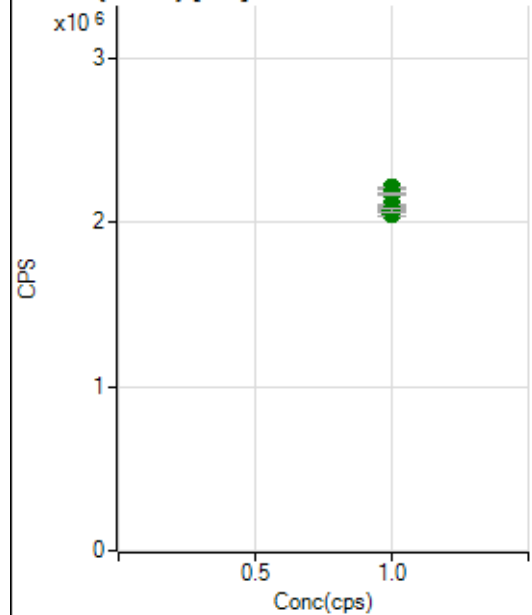
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7754151.88		A	0.5
2	☐	1.000					
3	☐	1.000		7467745.57		A	2.0
4	☐	1.000		7068535.49		A	0.2
5	☐	1.000		7063679.30		A	1.8
6	☐	1.000		7140292.41		A	1.4
7	☐	1.000		7101438.61		A	0.6
8	☐	1.000		7196017.65		A	0.7
9	☐	1.000		6609944.93		A	9.2

115 In (ISTD) [He]

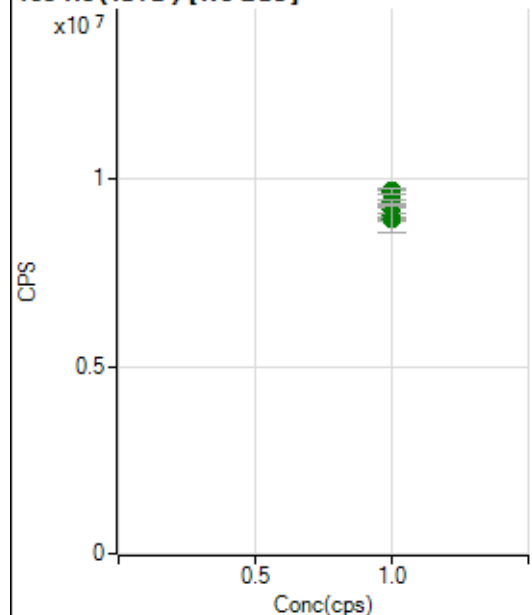
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		351842.06		P	0.6
2	☐	1.000					
3	☐	1.000		350879.35		P	2.0
4	☐	1.000		329782.29		P	2.3
5	☐	1.000		330472.59		P	0.4
6	☐	1.000		322322.32		P	1.3
7	☐	1.000		313625.23		P	1.6
8	☐	1.000		307515.41		P	0.7
9	☐	1.000		310953.99		P	0.9

159 Tb (ISTD) [No Gas]

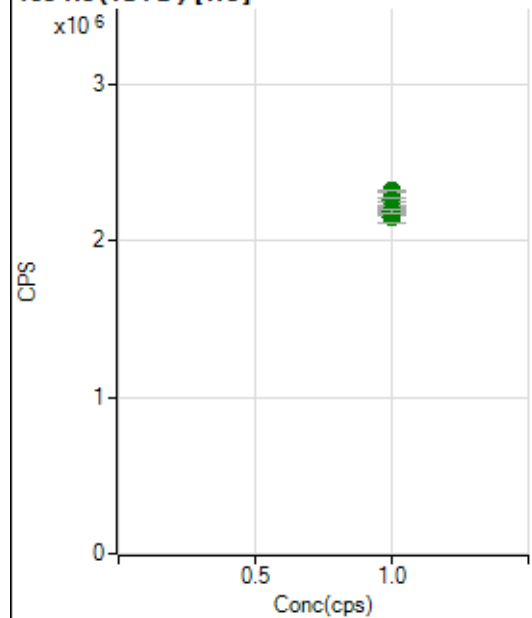
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9964642.49		A	0.4
2	☐	1.000					
3	☐	1.000		9649036.11		A	1.3
4	☐	1.000		9161270.63		A	0.6
5	☐	1.000		9305238.47		A	1.7
6	☐	1.000		9453321.74		A	1.6
7	☐	1.000		9561242.01		A	0.1
8	☐	1.000		9916326.10		A	1.2
9	☐	1.000		9097815.21		A	9.1

159 Tb (ISTD) [He]

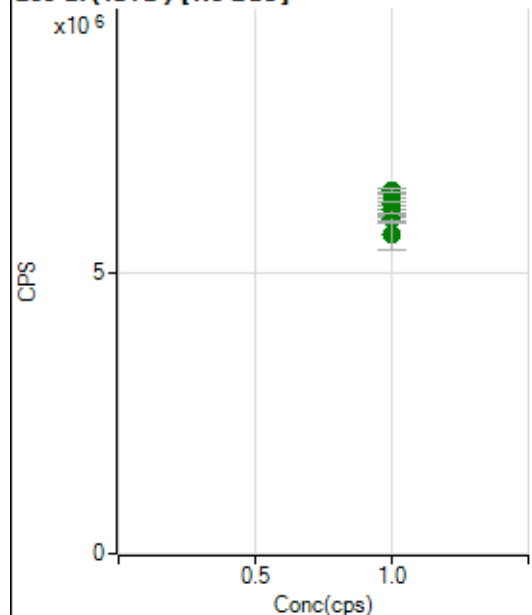
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2206793.23		A	0.8
2	☐	1.000					
3	☐	1.000		2172936.64		A	0.6
4	☐	1.000		2043587.97		A	1.3
5	☐	1.000		2081556.81		A	0.6
6	☐	1.000		2077159.90		A	0.8
7	☐	1.000		2076114.65		A	0.8
8	☐	1.000		2101230.32		A	0.9
9	☐	1.000		2074320.82		A	1.0

165 Ho (ISTD) [No Gas]

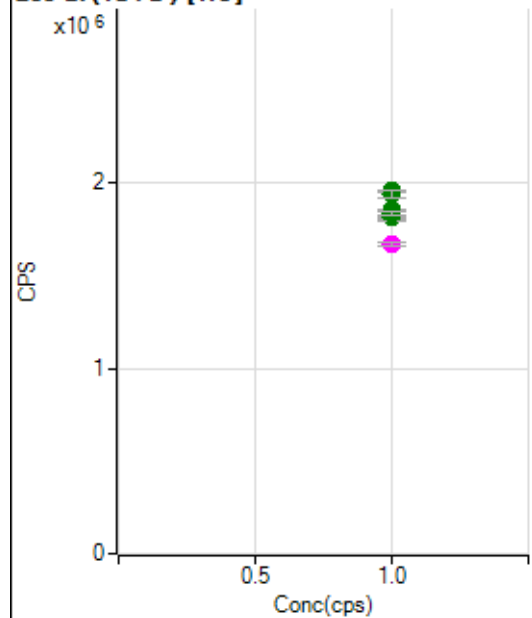
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9650315.23		A	0.7
2	☐	1.000					
3	☐	1.000		9388300.38		A	1.0
4	☐	1.000		8932507.67		A	1.1
5	☐	1.000		9007800.81		A	2.2
6	☐	1.000		9177396.56		A	1.8
7	☐	1.000		9364073.82		A	1.2
8	☐	1.000		9680279.30		A	1.2
9	☐	1.000		8950531.80		A	8.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2320957.97		A	0.5
2	☐	1.000					
3	☐	1.000		2265782.83		A	1.0
4	☐	1.000		2148465.52		A	3.6
5	☐	1.000		2197493.70		A	0.6
6	☐	1.000		2178953.74		A	1.0
7	☐	1.000		2193733.91		A	1.0
8	☐	1.000		2219295.78		A	0.8
9	☐	1.000		2194154.47		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6454073.52		A	1.5
2	☐	1.000					
3	☐	1.000		6251887.82		A	3.4
4	☐	1.000		5968544.50		A	0.7
5	☐	1.000		5964061.30		A	2.2
6	☐	1.000		6144705.05		A	2.4
7	☐	1.000		6275020.53		A	0.1
8	☐	1.000		6474464.07		A	0.9
9	☐	1.000		5681889.85		A	8.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1956110.70		A	0.7
2	☐	1.000					
3	☐	1.000		1937739.66		A	2.5
4	☐	1.000		1837753.08		A	2.0
5	☐	1.000		1853005.04		A	0.2
6	☐	1.000		1824511.00		A	1.8
7	☐	1.000		1818253.06		A	2.9
8	☐	1.000		1835592.38		A	1.2
9	☐	1.000		1669132.73		M	1.8

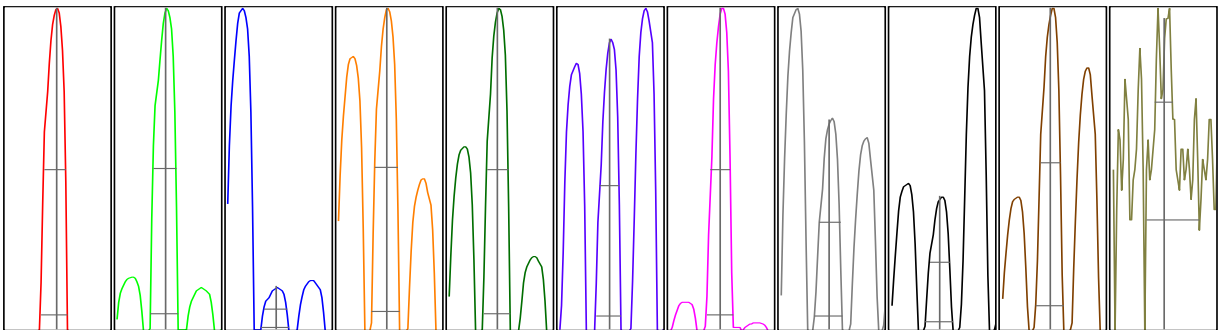
US EPA Tune Check Sample Report

Batch Folder D:\P8082118- MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6238	0.85	5.00	
24	294237	0.51	5.00	
25	39264	0.11	5.00	
26	45688	0.45	5.00	
59	59636	0.95	5.00	
113	8029	0.37	5.00	
115	100211	0.59	5.00	
206	24287	0.94	5.00	
207	22191	0.74	5.00	
208	52861	0.39	5.00	
220	1	18.39		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6198	6274	6195	6314	6210
24	292724	293338	296558	294839	293728
25	39254	39243	39337	39230	39255
26	45712	45729	45933	45364	45701
59	59782	59690	60478	59020	59210
113	7996	8072	8031	8008	8038
115	100254	100477	100103	99302	100919
206	24133	24095	24206	24341	24659
207	21961	22200	22200	22171	22425
208	52562	52954	52925	52760	53106
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10655	9.00	8.9 - 9.1		0.778	0.900	
24	486105	23.95	23.9 - 24.1		0.786	0.900	
25	64910	24.95	24.9 - 25.1		0.786	0.900	
26	76135	25.95	25.9 - 26.1		0.785	0.900	
59	103354	58.95	58.9 - 59.1		0.779	0.900	
113	15065	113.00	112.9 - 113.1		0.729	0.900	
115	185378	115.00	114.9 - 115.1		0.769	0.900	
206	43552	205.95	205.9 - 206.1		0.785	0.900	
207	39776	206.95	206.9 - 207.1		0.774	0.900	
208	95697	207.95	207.9 - 208.1		0.780	0.900	
220	2	220.05	-		1.508		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.9	V	Deflect	12.8	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	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	7460	2.35	
89	6013	2.31	
205	12495	2.42	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7575	7540	7501	7534	7149
89	6111	6056	6041	6089	5770
205	12720	12627	12540	12621	11965

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.9	V	Deflect	1.8	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 13:59:54	DataFile Name :	003CALB_P8082118- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.60	-0.63	1.23	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.05	-0.04	-0.01	0.00	N/A	ppb
Barium	135-1	0.02	-0.02	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.02	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.04	-0.27	0.23	0.00	N/A	ppb
Boron	11-1	0.01	0.13	-0.14	0.00	N/A	ppb
Cadmium	111-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.48	-0.18	-0.31	0.00	N/A	ppb
Cadmium	108-1	-0.09	0.06	0.02	0.00	N/A	ppb
Calcium	43-1	-2.54	1.57	0.96	0.00	N/A	ppb
Calcium	44-1	2.63	-0.77	-1.85	0.00	N/A	ppb
Chromium	52-2	0.00	0.02	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.02	-0.03	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.16	-0.04	-0.11	0.00	N/A	ppb
Iron	57-2	0.02	0.45	-0.47	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	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	-0.86	0.58	0.27	0.00	N/A	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 13:59:54	DataFile Name :	003CALB_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.01	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.09	0.03	0.00	N/A	ppb
Phosphorus	31-2	-27.54	-4.27	19.07	-4.24		ppb
Potassium	39-2	4.04	-7.11	3.08	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	-0.62	0.31	0.00	N/A	ppb
Selenium	82-1	-0.12	0.02	0.10	0.00	N/A	ppb
Silicon	28-1	-0.04	-0.38	0.42	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	4.73	-3.77	-0.96	0.00	N/A	ppb
Strontium	86-1	-0.05	0.04	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-298.49	-173.20	-383.20	-284.96		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	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	-0.02	0.03	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	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.26	-0.05	0.31	0.00	N/A	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 13:59:54	DataFile Name :	003CALB_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.02	-0.01	0.00	N/A	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:07:21	DataFile Name :	005CALS_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.24	21.95	16.89	19.36	13.08	ppb
Antimony	121-1	2.08	1.94	2.04	2.02	3.54	ppb
Arsenic	75-2	0.82	0.96	0.91	0.90	8.19	ppb
Barium	135-1	10.00	9.92	10.27	10.06	1.81	ppb
Barium	137-1	9.78	9.93	10.30	10.00	2.65	ppb
Beryllium	9-1	1.04	1.17	0.96	1.05	10.44	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	23.71	24.64	22.37	23.58	4.84	ppb
Boron	11-1	22.34	23.00	23.23	22.86	2.02	ppb
Cadmium	111-1	0.91	0.96	1.00	0.96	4.72	ppb
Cadmium	106-1	-0.12	1.24	0.32	0.48	144.49	ppb
Cadmium	108-1	1.02	1.09	0.85	0.99	12.66	ppb
Calcium	43-1	460.99	418.76	459.51	446.42	5.37	ppb
Calcium	44-1	463.18	428.15	468.03	453.12	4.80	ppb
Chromium	52-2	2.10	2.13	2.08	2.10	1.14	ppb
Cobalt	59-2	1.09	1.07	0.93	1.03	8.32	ppb
Copper	63-2	1.89	2.11	2.07	2.02	5.62	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				97		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	56-2	50.85	51.76	52.01	51.54	1.18	ppb
Iron	57-2	48.76	54.98	48.61	50.78	7.16	ppb
Krypton	83-1						cps
Lead	206-1	1.04	0.89	0.95	0.96	7.99	ppb
Lead	207-1	1.01	0.88	0.92	0.94	7.10	ppb
Lead	208-1	1.01	0.91	0.97	0.96	5.33	ppb
Lithium	6-1				98		%
Magnesium	24-2	457.72	460.96	496.78	471.82	4.59	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:07:21	DataFile Name :	005CAL5_P8082118- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	1.03	1.22	1.08	11.93	ppb
Molybdenum	94-1	4.89	4.60	4.74	4.74	3.03	ppb
Molybdenum	95-1	4.96	4.89	4.90	4.91	0.72	ppb
Molybdenum	96-1	4.93	4.62	4.81	4.78	3.28	ppb
Molybdenum	97-1	4.77	4.87	5.06	4.90	3.07	ppb
Molybdenum	98-1	4.87	4.64	4.93	4.81	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.11	1.56	1.27	20.02	ppb
Phosphorus	31-2	-27.54	20.46	19.81	4.24	648.63	ppb
Potassium	39-2	476.11	502.13	540.91	506.38	6.44	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	11.61	3.87	173.21	ppb
Selenium	78-2	7.64	5.91	4.03	5.86	30.82	ppb
Selenium	82-1	5.71	5.70	4.76	5.39	10.09	ppb
Silicon	28-1	23.27	15.53	23.50	20.77	21.85	ppb
Silver	109-1	1.09	1.08	1.05	1.07	1.93	ppb
Silver	107-1	1.09	1.07	1.04	1.07	2.32	ppb
Sodium	23-2	462.90	503.76	513.42	493.36	5.44	ppb
Strontium	86-1	1.02	0.87	1.08	0.99	10.74	ppb
Strontium	88-1	1.03	0.99	1.00	1.00	2.17	ppb
Sulfur	34-1	511.76	-313.87	657.01	284.96	183.77	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.96	0.96	0.89	0.94	3.99	ppb
Thallium	205-1	1.06	0.95	1.04	1.02	6.05	ppb
Tin	118-1	4.97	4.79	5.11	4.96	3.29	ppb
Titanium	47-1	5.24	4.54	5.00	4.93	7.19	ppb
Uranium	238-1	0.96	0.91	0.97	0.95	3.26	ppb
Vanadium	51-2	4.44	4.94	4.62	4.67	5.50	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	1.98	2.56	2.51	2.35	13.70	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:07:21	DataFile Name :	005CALS_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	0.81	0.97	0.90	9.23	ppb
Zirconium	91-1	0.85	0.89	0.96	0.90	6.02	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:11:06	DataFile Name :	006CAL5_P8082118- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1019.85	1046.31	985.30	1017.15	3.01	ppb
Antimony	121-1	51.35	52.35	51.22	51.64	1.20	ppb
Arsenic	75-2	52.93	51.37	51.36	51.89	1.73	ppb
Barium	135-1	257.84	261.91	257.81	259.19	0.91	ppb
Barium	137-1	261.98	263.07	259.29	261.45	0.74	ppb
Beryllium	9-1	52.49	51.46	52.17	52.04	1.02	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	10-1	46.46	45.86	52.24	48.19	7.31	ppb
Boron	11-1	50.24	49.65	50.55	50.15	0.91	ppb
Cadmium	111-1	53.49	53.29	53.30	53.36	0.20	ppb
Cadmium	106-1	52.36	55.24	48.69	52.10	6.30	ppb
Cadmium	108-1	52.51	54.05	52.61	53.06	1.63	ppb
Calcium	43-1	4820.21	4762.06	4911.60	4831.29	1.56	ppb
Calcium	44-1	4909.85	4778.15	4933.58	4873.86	1.72	ppb
Chromium	52-2	52.05	52.33	49.34	51.24	3.23	ppb
Cobalt	59-2	51.65	52.82	49.98	51.48	2.77	ppb
Copper	63-2	102.74	105.96	99.05	102.58	3.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				94		%
Iron	56-2	2649.86	2725.15	2557.95	2644.32	3.17	ppb
Iron	57-2	2643.42	2702.47	2496.23	2614.04	4.06	ppb
Krypton	83-1						cps
Lead	206-1	50.64	49.84	49.74	50.07	0.98	ppb
Lead	207-1	49.53	48.45	48.64	48.87	1.18	ppb
Lead	208-1	49.92	49.35	49.09	49.45	0.86	ppb
Lithium	6-1				94		%
Magnesium	24-2	5195.83	5414.07	5063.48	5224.46	3.39	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:11:06	DataFile Name :	006CAL5_P8082118- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.79	105.93	98.24	102.65	3.87	ppb
Molybdenum	94-1	251.84	250.82	250.69	251.12	0.25	ppb
Molybdenum	95-1	249.61	247.77	250.45	249.28	0.55	ppb
Molybdenum	96-1	251.37	252.58	251.93	251.96	0.24	ppb
Molybdenum	97-1	245.69	247.08	246.72	246.50	0.29	ppb
Molybdenum	98-1	250.82	251.55	252.18	251.52	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.32	55.23	51.44	52.99	3.75	ppb
Phosphorus	31-2	1080.83	1135.92	968.43	1061.73	8.04	ppb
Potassium	39-2	2617.50	2771.42	2470.85	2619.92	5.74	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	77-2	79.43	50.53	48.30	59.42	29.23	ppb
Selenium	78-2	45.40	59.09	62.26	55.58	16.11	ppb
Selenium	82-1	51.97	51.37	50.86	51.40	1.08	ppb
Silicon	28-1	81.17	77.68	79.59	79.48	2.20	ppb
Silver	109-1	53.69	54.37	52.71	53.59	1.55	ppb
Silver	107-1	53.72	53.94	53.40	53.69	0.50	ppb
Sodium	23-2	5239.28	5448.32	5070.74	5252.78	3.60	ppb
Strontium	86-1	50.11	49.87	49.50	49.82	0.62	ppb
Strontium	88-1	50.43	50.48	50.32	50.41	0.16	ppb
Sulfur	34-1	2402.66	2269.77	2331.81	2334.75	2.85	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	50.43	49.24	49.56	49.74	1.24	ppb
Thallium	205-1	50.82	50.00	50.18	50.33	0.86	ppb
Tin	118-1	52.09	52.00	51.57	51.88	0.54	ppb
Titanium	47-1	253.84	250.50	249.46	251.26	0.91	ppb
Uranium	238-1	48.79	48.74	48.38	48.64	0.46	ppb
Vanadium	51-2	50.56	52.80	49.91	51.09	2.96	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	104.19	109.35	100.37	104.64	4.31	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:11:06	DataFile Name :	006CALS_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.74	49.71	49.52	49.66	0.24	ppb
Zirconium	91-1	49.08	49.02	48.90	49.00	0.18	ppb

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 14:14:50 DataFile Name : 007CAL5_P8082118- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2469.87	2430.34	2488.95	2463.05	1.21	ppb
Antimony	121-1	132.93	127.80	128.90	129.88	2.08	ppb
Arsenic	75-2	127.37	123.31	127.11	125.93	1.80	ppb
Barium	135-1	664.85	637.20	647.15	649.74	2.16	ppb
Barium	137-1	660.04	644.92	649.35	651.44	1.19	ppb
Beryllium	9-1	132.70	128.35	128.76	129.94	1.85	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Boron	10-1	128.92	120.51	129.53	126.32	3.99	ppb
Boron	11-1	125.28	125.41	129.51	126.73	1.90	ppb
Cadmium	111-1	134.00	130.53	131.60	132.04	1.35	ppb
Cadmium	106-1	133.02	129.47	131.99	131.50	1.39	ppb
Cadmium	108-1	140.21	133.18	128.11	133.83	4.54	ppb
Calcium	43-1	12330.15	11712.84	11790.73	11944.57	2.81	ppb
Calcium	44-1	12267.05	11727.42	11843.14	11945.87	2.38	ppb
Chromium	52-2	127.17	126.31	126.74	126.74	0.34	ppb
Cobalt	59-2	126.75	126.53	126.93	126.73	0.16	ppb
Copper	63-2	252.56	248.78	251.80	251.04	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				94		%
Iron	56-2	6647.42	6599.24	6620.81	6622.49	0.36	ppb
Iron	57-2	6405.47	6433.65	6415.38	6418.17	0.22	ppb
Krypton	83-1						cps
Lead	206-1	129.15	125.49	125.15	126.60	1.75	ppb
Lead	207-1	126.28	122.09	122.46	123.61	1.88	ppb
Lead	208-1	127.99	124.03	124.02	125.34	1.83	ppb
Lithium	6-1				93		%
Magnesium	24-2	12997.58	12764.70	12790.03	12850.77	0.99	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:14:50	DataFile Name :	007CAL5_P8082118- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	254.99	250.37	253.28	252.88	0.92	ppb
Molybdenum	94-1	655.48	633.43	636.09	641.66	1.88	ppb
Molybdenum	95-1	668.13	633.85	632.12	644.70	3.15	ppb
Molybdenum	96-1	663.01	636.01	630.08	643.03	2.73	ppb
Molybdenum	97-1	635.84	618.65	613.59	622.70	1.87	ppb
Molybdenum	98-1	652.62	633.40	627.14	637.72	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.79	126.27	127.89	127.65	1.00	ppb
Phosphorus	31-2	3127.45	2156.19	2696.94	2660.19	18.29	ppb
Potassium	39-2	6460.09	6408.80	6524.35	6464.42	0.90	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	77-2	148.17	142.25	116.22	135.55	12.54	ppb
Selenium	78-2	137.89	152.00	133.67	141.19	6.80	ppb
Selenium	82-1	132.87	127.12	128.76	129.59	2.28	ppb
Silicon	28-1	178.52	164.67	170.23	171.14	4.07	ppb
Silver	109-1	135.01	131.05	132.70	132.92	1.50	ppb
Silver	107-1	136.77	132.13	132.91	133.94	1.85	ppb
Sodium	23-2	12930.96	12782.21	12858.89	12857.36	0.58	ppb
Strontium	86-1	129.45	124.28	124.12	125.95	2.41	ppb
Strontium	88-1	132.85	129.96	128.07	130.29	1.85	ppb
Sulfur	34-1	4142.63	3383.25	3375.08	3633.65	12.13	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	130.27	124.95	126.70	127.31	2.13	ppb
Thallium	205-1	134.80	130.78	129.79	131.79	2.01	ppb
Tin	118-1	130.47	127.34	128.28	128.70	1.25	ppb
Titanium	47-1	642.80	622.48	628.37	631.22	1.66	ppb
Uranium	238-1	129.72	124.09	126.16	126.66	2.25	ppb
Vanadium	51-2	125.28	125.65	125.69	125.54	0.18	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	261.86	257.62	257.23	258.90	0.99	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:14:50	DataFile Name :	007CALS_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	130.25	127.13	124.77	127.38	2.16	ppb
Zirconium	91-1	129.06	123.87	124.05	125.66	2.34	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:18:29	DataFile Name :	008CAL5_P8082118- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5090.99	5054.45	5175.29	5106.91	1.21	ppb
Antimony	121-1	261.63	254.54	260.06	258.74	1.44	ppb
Arsenic	75-2	252.61	261.43	261.01	258.35	1.93	ppb
Barium	135-1	1322.93	1277.06	1323.53	1307.84	2.04	ppb
Barium	137-1	1303.99	1259.41	1330.22	1297.88	2.76	ppb
Beryllium	9-1	259.37	253.10	257.89	256.79	1.28	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	252.92	247.10	256.35	252.12	1.85	ppb
Boron	11-1	250.05	249.31	256.30	251.89	1.52	ppb
Cadmium	111-1	262.31	253.87	264.61	260.26	2.17	ppb
Cadmium	106-1	265.84	250.32	255.62	257.26	3.06	ppb
Cadmium	108-1	260.74	258.88	270.68	263.43	2.41	ppb
Calcium	43-1	23988.19	23279.59	24124.81	23797.53	1.91	ppb
Calcium	44-1	23950.80	23442.67	23879.51	23757.66	1.16	ppb
Chromium	52-2	254.35	256.97	262.61	257.98	1.64	ppb
Cobalt	59-2	253.19	257.43	261.18	257.27	1.55	ppb
Copper	63-2	503.36	512.20	519.54	511.70	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	13182.87	13324.39	13567.64	13358.30	1.46	ppb
Iron	57-2	12711.02	13021.76	13259.77	12997.52	2.12	ppb
Krypton	83-1						cps
Lead	206-1	254.01	242.24	254.75	250.34	2.81	ppb
Lead	207-1	249.58	237.18	248.58	245.11	2.81	ppb
Lead	208-1	256.11	243.75	256.14	252.00	2.84	ppb
Lithium	6-1				93		%
Magnesium	24-2	25796.22	26085.72	26660.18	26180.71	1.68	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:18:29	DataFile Name :	008CAL5_P8082118- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	504.15	512.23	528.67	515.02	2.43	ppb
Molybdenum	94-1	1281.59	1254.10	1288.61	1274.77	1.43	ppb
Molybdenum	95-1	1259.41	1237.51	1284.52	1260.48	1.87	ppb
Molybdenum	96-1	1260.85	1248.13	1283.90	1264.29	1.43	ppb
Molybdenum	97-1	1289.66	1251.76	1304.76	1282.06	2.13	ppb
Molybdenum	98-1	1258.78	1238.63	1291.38	1262.93	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.91	258.40	263.84	259.38	1.56	ppb
Phosphorus	31-2	4847.03	4781.73	6148.68	5259.15	14.66	ppb
Potassium	39-2	13050.28	12991.41	13391.69	13144.46	1.64	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	244.51	196.88	306.30	249.23	22.01	ppb
Selenium	78-2	298.77	247.68	242.75	263.07	11.79	ppb
Selenium	82-1	252.64	254.50	259.64	255.59	1.42	ppb
Silicon	28-1	291.93	280.94	291.98	288.28	2.21	ppb
Silver	109-1	266.25	261.89	266.97	265.04	1.04	ppb
Silver	107-1	266.27	262.39	270.77	266.48	1.57	ppb
Sodium	23-2	26212.69	26515.31	27023.99	26584.00	1.54	ppb
Strontium	86-1	251.20	246.64	252.08	249.97	1.17	ppb
Strontium	88-1	256.09	250.17	258.88	255.04	1.74	ppb
Sulfur	34-1	5930.18	5377.91	6156.66	5821.58	6.88	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	252.75	244.00	253.39	250.05	2.10	ppb
Thallium	205-1	259.69	248.90	261.41	256.66	2.64	ppb
Tin	118-1	257.38	250.22	257.46	255.02	1.63	ppb
Titanium	47-1	1264.49	1234.95	1267.73	1255.72	1.44	ppb
Uranium	238-1	251.04	239.95	252.78	247.92	2.81	ppb
Vanadium	51-2	252.58	256.71	260.19	256.49	1.49	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	506.05	507.51	521.32	511.62	1.65	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:18:29	DataFile Name :	008CALS_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	256.42	250.38	264.22	257.01	2.70	ppb
Zirconium	91-1	248.73	243.07	254.65	248.81	2.33	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:22:02	DataFile Name :	009CAL5_P8082118- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10164.19	10071.35	10070.90	10102.15	0.53	ppb
Antimony	121-1	510.42	507.41	511.91	509.91	0.45	ppb
Arsenic	75-2	508.68	504.74	506.08	506.50	0.39	ppb
Barium	135-1	2553.68	2568.89	2577.93	2566.83	0.48	ppb
Barium	137-1	2537.14	2525.50	2533.15	2531.93	0.23	ppb
Beryllium	9-1	500.57	502.97	493.96	499.17	0.94	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	484.70	502.58	496.01	494.43	1.83	ppb
Boron	11-1	483.17	499.56	501.08	494.61	2.01	ppb
Cadmium	111-1	507.44	509.18	508.37	508.33	0.17	ppb
Cadmium	106-1	504.05	506.40	517.83	509.43	1.45	ppb
Cadmium	108-1	503.09	511.90	512.69	509.23	1.05	ppb
Calcium	43-1	46852.05	47376.11	47247.92	47158.69	0.58	ppb
Calcium	44-1	46576.53	47488.11	47008.10	47024.25	0.97	ppb
Chromium	52-2	516.51	506.08	505.37	509.32	1.22	ppb
Cobalt	59-2	516.12	507.25	508.97	510.78	0.92	ppb
Copper	63-2	1029.91	1006.58	1009.78	1015.42	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	26875.11	26248.83	26310.93	26478.29	1.30	ppb
Iron	57-2	26077.22	25624.73	25842.62	25848.19	0.88	ppb
Krypton	83-1						cps
Lead	206-1	502.28	509.83	511.67	507.93	0.98	ppb
Lead	207-1	501.73	513.42	505.19	506.78	1.19	ppb
Lead	208-1	501.64	506.22	508.00	505.29	0.65	ppb
Lithium	6-1				93		%
Magnesium	24-2	53372.78	53106.60	53034.90	53171.43	0.33	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:22:02	DataFile Name :	009CAL5_P8082118- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1027.68	1014.56	1009.82	1017.35	0.91	ppb
Molybdenum	94-1	2518.89	2520.40	2507.63	2515.64	0.28	ppb
Molybdenum	95-1	2499.27	2494.48	2486.37	2493.37	0.26	ppb
Molybdenum	96-1	2505.07	2472.17	2490.13	2489.12	0.66	ppb
Molybdenum	97-1	2515.52	2547.84	2505.67	2523.01	0.87	ppb
Molybdenum	98-1	2505.39	2512.68	2482.49	2500.19	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.58	508.24	513.38	512.73	0.82	ppb
Phosphorus	31-2	10648.76	10185.03	10751.94	10528.58	2.87	ppb
Potassium	39-2	25887.33	25831.16	25448.82	25722.44	0.93	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	77-2	463.88	412.47	457.29	444.55	6.29	ppb
Selenium	78-2	508.21	516.60	502.02	508.95	1.44	ppb
Selenium	82-1	501.51	509.23	502.39	504.38	0.84	ppb
Silicon	28-1	519.13	525.56	524.38	523.02	0.65	ppb
Silver	109-1	515.46	512.45	508.19	512.03	0.71	ppb
Silver	107-1	517.72	517.21	520.47	518.47	0.34	ppb
Sodium	23-2	52877.57	51980.45	52405.53	52421.18	0.86	ppb
Strontium	86-1	501.13	494.55	492.31	496.00	0.92	ppb
Strontium	88-1	502.28	500.92	500.13	501.11	0.22	ppb
Sulfur	34-1	10150.63	10115.27	10358.34	10208.08	1.29	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	498.49	504.28	512.02	504.93	1.34	ppb
Thallium	205-1	499.37	505.07	507.78	504.08	0.85	ppb
Tin	118-1	512.84	506.07	512.79	510.57	0.76	ppb
Titanium	47-1	2504.59	2533.24	2540.50	2526.11	0.75	ppb
Uranium	238-1	492.57	492.03	498.15	494.25	0.69	ppb
Vanadium	51-2	511.27	503.51	505.58	506.79	0.79	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	1029.01	1018.55	1020.36	1022.64	0.55	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:22:02	DataFile Name :	009CALS_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.05	504.66	503.54	502.08	0.70	ppb
Zirconium	91-1	491.04	497.33	491.50	493.29	0.71	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:25:31	DataFile Name :	010CAL5_P8082118- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19739.99	20055.70	19545.45	19780.38	1.30	ppb
Antimony	121-1	992.06	978.69	1005.74	992.17	1.36	ppb
Arsenic	75-2	985.85	991.23	1006.27	994.45	1.06	ppb
Barium	135-1	4972.12	4892.52	4981.07	4948.57	0.99	ppb
Barium	137-1	4979.72	4902.82	5022.03	4968.19	1.22	ppb
Beryllium	9-1	1002.15	987.21	1004.63	998.00	0.94	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	990.21	989.50	1026.93	1002.21	2.14	ppb
Boron	11-1	989.18	986.68	1030.31	1002.06	2.44	ppb
Cadmium	111-1	987.29	984.11	1005.26	992.22	1.15	ppb
Cadmium	106-1	987.18	991.53	998.96	992.56	0.60	ppb
Cadmium	108-1	983.93	984.98	1003.40	990.77	1.11	ppb
Calcium	43-1	95532.16	93679.58	98863.15	96024.96	2.74	ppb
Calcium	44-1	92664.11	92523.89	95587.55	93591.85	1.85	ppb
Chromium	52-2	987.70	1002.48	989.02	993.07	0.82	ppb
Cobalt	59-2	986.86	1003.73	986.92	992.50	0.98	ppb
Copper	63-2	1978.64	2002.96	1985.71	1989.10	0.63	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				100		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				87		%
Iron	56-2	51337.41	52030.83	51211.81	51526.69	0.86	ppb
Iron	57-2	50069.42	50835.94	49894.18	50266.51	1.00	ppb
Krypton	83-1						cps
Lead	206-1	993.02	994.53	999.70	995.75	0.35	ppb
Lead	207-1	990.19	993.68	1010.31	998.06	1.08	ppb
Lead	208-1	989.41	992.58	1008.53	996.84	1.03	ppb
Lithium	6-1				93		%
Magnesium	24-2	103515.84	103301.76	101625.75	102814.45	1.01	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:25:31	DataFile Name :	010CAL5_P8082118- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1971.91	2009.98	1979.34	1987.08	1.02	ppb
Molybdenum	94-1	4951.77	4960.66	5039.13	4983.85	0.96	ppb
Molybdenum	95-1	4945.83	4980.87	5068.10	4998.27	1.26	ppb
Molybdenum	96-1	4940.42	4994.32	5063.81	4999.51	1.24	ppb
Molybdenum	97-1	4931.59	4947.06	5064.18	4980.94	1.46	ppb
Molybdenum	98-1	4937.73	4979.69	5067.62	4995.01	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.26	1001.26	982.91	990.81	0.95	ppb
Phosphorus	31-2	19215.15	19614.49	20113.80	19647.82	2.29	ppb
Potassium	39-2	49778.61	50553.51	49325.13	49885.75	1.25	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	77-2	1031.17	957.03	1090.20	1026.13	6.50	ppb
Selenium	78-2	1008.61	988.98	972.27	989.95	1.84	ppb
Selenium	82-1	989.31	994.04	1003.95	995.77	0.75	ppb
Silicon	28-1	963.58	955.98	995.15	971.57	2.14	ppb
Silver	109-1	984.49	976.50	1006.18	989.05	1.55	ppb
Silver	107-1	981.46	978.02	996.55	985.34	1.00	ppb
Sodium	23-2	101818.66	102226.96	100707.97	101584.53	0.77	ppb
Strontium	86-1	992.84	993.78	1019.08	1001.90	1.49	ppb
Strontium	88-1	996.15	985.95	1010.40	997.50	1.23	ppb
Sulfur	34-1	19469.71	19126.66	19849.99	19482.12	1.86	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	998.88	990.02	1002.84	997.25	0.66	ppb
Thallium	205-1	989.18	990.49	1006.63	995.43	0.98	ppb
Tin	118-1	994.53	977.90	1006.29	992.90	1.44	ppb
Titanium	47-1	4922.60	4929.68	5101.74	4984.67	2.04	ppb
Uranium	238-1	993.58	1004.10	1012.09	1003.26	0.93	ppb
Vanadium	51-2	992.46	1005.80	986.34	994.86	1.00	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	1965.32	1998.55	1989.42	1984.43	0.86	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:25:31	DataFile Name :	010CALS_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	994.37	986.54	1009.86	996.93	1.19	ppb
Zirconium	91-1	995.37	995.19	1020.28	1003.62	1.44	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:28:57	DataFile Name :	011CALS_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99040.82	98791.95	102254.57	100029.12	1.93	ppb
Antimony	121-1	3.34	2.58	2.77	2.90	13.69	ppb
Arsenic	75-2	1.67	2.04	1.62	1.78	12.99	ppb
Barium	135-1	1.09	0.78	0.86	0.91	17.50	ppb
Barium	137-1	1.05	0.89	0.86	0.93	11.17	ppb
Beryllium	9-1	0.84	0.52	0.48	0.61	31.59	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Boron	10-1	58.21	45.81	43.79	49.27	15.85	ppb
Boron	11-1	62.24	47.28	43.14	50.89	19.74	ppb
Cadmium	111-1	0.41	0.15	0.23	0.26	50.11	ppb
Cadmium	106-1	1.09	-0.78	-0.03	0.09	1011.71	ppb
Cadmium	108-1	0.32	0.37	0.30	0.33	10.39	ppb
Calcium	43-1	560864.09	471205.40	471395.17	501154.89	10.32	ppb
Calcium	44-1	559831.66	469421.13	475716.66	501656.48	10.06	ppb
Chromium	52-2	38.68	38.25	39.27	38.74	1.32	ppb
Cobalt	59-2	12.04	11.84	12.22	12.04	1.56	ppb
Copper	63-2	4.61	4.49	4.59	4.56	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				95		%
Indium	115-1				85		%
Indium	115-2				88		%
Iron	56-2	247330.40	246113.39	255035.70	249493.16	1.94	ppb
Iron	57-2	246883.30	246549.68	256061.99	249831.66	2.16	ppb
Krypton	83-1						cps
Lead	206-1	7.80	6.42	6.64	6.95	10.69	ppb
Lead	207-1	7.07	5.97	5.93	6.33	10.23	ppb
Lead	208-1	7.48	6.22	6.32	6.67	10.50	ppb
Lithium	6-1				87		%
Magnesium	24-2	493104.95	492410.61	511634.28	499049.95	2.18	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:28:57	DataFile Name :	011CAL5_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.28	8.63	10.27	9.39	8.79	ppb
Molybdenum	94-1	7.71	6.59	6.52	6.94	9.67	ppb
Molybdenum	95-1	10.07	8.31	8.78	9.06	10.06	ppb
Molybdenum	96-1	10.57	8.53	8.78	9.29	11.95	ppb
Molybdenum	97-1	9.96	8.42	8.19	8.86	10.89	ppb
Molybdenum	98-1	10.33	8.25	8.58	9.05	12.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.42	32.15	33.47	32.34	3.20	ppb
Phosphorus	31-2	-1.46	-27.54	-1.07	-10.02		ppb
Potassium	39-2	248386.53	246551.78	254797.13	249911.81	1.73	ppb
Rhodium	103-1				81		%
Rhodium	103-2				85		%
Scandium	45-1				84		%
Scandium	45-2				90		%
Selenium	77-2	6.45	6.28	0.00	4.24	86.63	ppb
Selenium	78-2	3.52	1.39	0.40	1.77	90.00	ppb
Selenium	82-1	1.03	0.63	1.34	1.00	35.42	ppb
Silicon	28-1	196.33	151.63	159.39	169.12	14.12	ppb
Silver	109-1	0.14	0.10	0.10	0.11	20.51	ppb
Silver	107-1	0.14	0.10	0.07	0.10	32.87	ppb
Sodium	23-2	495366.50	492963.60	509720.87	499350.32	1.81	ppb
Strontium	86-1	6.10	4.97	4.99	5.36	12.06	ppb
Strontium	88-1	5.81	4.87	4.98	5.22	9.86	ppb
Sulfur	34-1	2804.73	592.06	575.74	1324.18	96.83	ppb
Terbium	159-1				91		%
Terbium	159-2				94		%
Thallium	203-1	0.76	0.68	0.67	0.70	6.78	ppb
Thallium	205-1	0.85	0.72	0.67	0.75	12.71	ppb
Tin	118-1	5.78	4.92	4.86	5.19	9.96	ppb
Titanium	47-1	2.93	2.59	2.26	2.59	12.92	ppb
Uranium	238-1	0.11	0.10	0.09	0.10	11.72	ppb
Vanadium	51-2	0.53	0.54	0.50	0.52	4.07	ppb
Yttrium	89-1				87		%
Yttrium	89-2				91		%
Zinc	66-2	14.98	14.81	14.90	14.90	0.56	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:28:57	DataFile Name :	011CALS_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.26	0.21	0.25	14.81	ppb
Zirconium	91-1	0.25	0.26	0.29	0.26	7.54	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:51:38	DataFile Name :	012ICV01_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	489.71	491.30	543.20	508.07	5.99	ppb
Antimony	121-1	194.44	196.94	197.96	196.44	0.92	ppb
Arsenic	75-2	199.73	191.75	201.57	197.68	2.64	ppb
Barium	135-1	100.44	100.78	100.97	100.73	0.27	ppb
Barium	137-1	100.63	100.59	101.30	100.84	0.39	ppb
Beryllium	9-1	96.77	98.40	100.42	98.53	1.86	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	520.70	536.64	555.55	537.63	3.24	ppb
Boron	11-1	524.51	538.97	559.66	541.04	3.27	ppb
Cadmium	111-1	103.48	105.31	104.31	104.37	0.88	ppb
Cadmium	106-1	159.14	164.89	157.02	160.35	2.54	ppb
Cadmium	108-1	133.17	136.32	134.97	134.82	1.17	ppb
Calcium	43-1	1978.39	1991.62	2031.91	2000.64	1.39	ppb
Calcium	44-1	1907.20	1896.18	1964.07	1922.48	1.90	ppb
Chromium	52-2	96.99	90.21	98.14	95.11	4.50	ppb
Cobalt	59-2	99.71	94.09	101.53	98.44	3.94	ppb
Copper	63-2	99.56	93.50	100.35	97.81	3.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	1031.90	965.32	1050.45	1015.89	4.41	ppb
Iron	57-2	1006.74	908.70	1007.10	974.18	5.82	ppb
Krypton	83-1						cps
Lead	206-1	194.51	195.87	195.73	195.37	0.38	ppb
Lead	207-1	183.98	184.68	183.90	184.18	0.23	ppb
Lead	208-1	192.82	194.11	194.10	193.68	0.38	ppb
Lithium	6-1				94		%
Magnesium	24-2	1183.00	1107.93	1167.48	1152.80	3.44	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:51:38	DataFile Name :	012ICV01_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.15	90.25	97.79	95.73	5.00	ppb
Molybdenum	94-1	1139.59	1193.03	1176.62	1169.75	2.34	ppb
Molybdenum	95-1	560.86	575.13	572.41	569.47	1.33	ppb
Molybdenum	96-1	638.88	658.70	651.57	649.72	1.55	ppb
Molybdenum	97-1	539.05	562.89	555.80	552.58	2.22	ppb
Molybdenum	98-1	563.81	579.60	577.33	573.58	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.97	94.80	103.99	99.25	4.64	ppb
Phosphorus	31-2	-27.54	20.46	-27.54	-11.54		ppb
Potassium	39-2	2158.22	1940.46	2097.75	2065.48	5.44	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	77-2	261.31	171.90	195.53	209.58	22.11	ppb
Selenium	78-2	196.78	200.07	211.62	202.82	3.84	ppb
Selenium	82-1	196.89	206.66	199.37	200.97	2.53	ppb
Silicon	28-1	13.73	14.10	16.61	14.81	10.58	ppb
Silver	109-1	92.92	94.14	93.63	93.56	0.65	ppb
Silver	107-1	93.68	94.47	94.42	94.19	0.47	ppb
Sodium	23-2	2108.92	1961.68	2108.60	2059.73	4.12	ppb
Strontium	86-1	486.78	505.85	500.83	497.82	1.99	ppb
Strontium	88-1	496.24	510.20	510.39	505.61	1.60	ppb
Sulfur	34-1	898.45	787.99	1060.07	915.50	14.95	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	197.31	195.65	198.52	197.16	0.73	ppb
Thallium	205-1	204.36	204.67	205.60	204.88	0.31	ppb
Tin	118-1	520.14	520.50	523.96	521.53	0.40	ppb
Titanium	47-1	492.14	490.86	499.84	494.28	0.98	ppb
Uranium	238-1	525.78	532.09	525.40	527.76	0.71	ppb
Vanadium	51-2	97.32	91.42	98.36	95.70	3.91	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	206.94	197.08	211.29	205.10	3.55	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:51:38	DataFile Name :	012ICV01_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.15	506.23	508.20	504.19	1.06	ppb
Zirconium	91-1	478.53	498.62	497.33	491.49	2.29	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:11:36	DataFile Name :	015LLIC_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.93	17.23	20.91	19.36	9.84	ppb
Antimony	121-1	2.38	2.39	2.38	2.38	0.16	ppb
Arsenic	75-2	1.02	0.93	0.99	0.98	4.80	ppb
Barium	135-1	9.69	10.22	9.58	9.83	3.48	ppb
Barium	137-1	9.82	10.16	10.26	10.08	2.33	ppb
Beryllium	9-1	0.90	0.98	1.02	0.97	6.37	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	40.60	42.27	42.61	41.82	2.58	ppb
Boron	11-1	40.51	42.38	40.18	41.03	2.89	ppb
Cadmium	111-1	0.92	0.98	1.01	0.97	4.38	ppb
Cadmium	106-1	-0.57	0.79	0.68	0.30	250.54	ppb
Cadmium	108-1	1.08	1.18	0.98	1.08	9.40	ppb
Calcium	43-1	393.84	439.25	452.82	428.64	7.21	ppb
Calcium	44-1	456.09	453.48	457.79	455.79	0.48	ppb
Chromium	52-2	2.19	2.14	2.09	2.14	2.20	ppb
Cobalt	59-2	0.99	0.90	0.98	0.96	5.27	ppb
Copper	63-2	1.83	1.84	1.86	1.84	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	53.29	48.68	49.76	50.58	4.76	ppb
Iron	57-2	55.70	52.00	61.25	56.32	8.26	ppb
Krypton	83-1						cps
Lead	206-1	0.92	1.00	1.09	1.00	8.47	ppb
Lead	207-1	1.01	0.99	0.97	0.99	2.01	ppb
Lead	208-1	0.96	1.00	1.03	1.00	3.57	ppb
Lithium	6-1				93		%
Magnesium	24-2	468.99	475.18	482.44	475.54	1.42	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:11:36	DataFile Name :	015LLIC_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.50	0.36	0.62	0.49	25.43	ppb
Molybdenum	94-1	6.94	6.66	6.26	6.62	5.11	ppb
Molybdenum	95-1	4.94	4.88	4.90	4.91	0.62	ppb
Molybdenum	96-1	5.31	5.21	5.26	5.26	0.99	ppb
Molybdenum	97-1	5.21	5.08	4.94	5.07	2.68	ppb
Molybdenum	98-1	5.07	4.93	5.16	5.05	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.56	1.21	1.63	1.47	15.45	ppb
Phosphorus	31-2	-27.54	-27.54	-3.14	-19.41		ppb
Potassium	39-2	522.01	549.78	519.50	530.43	3.17	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	77-2	12.06	17.65	12.05	13.92	23.21	ppb
Selenium	78-2	4.21	5.98	7.10	5.76	25.29	ppb
Selenium	82-1	4.70	5.73	4.70	5.04	11.79	ppb
Silicon	28-1	26.20	26.61	28.25	27.02	4.02	ppb
Silver	109-1	0.98	1.09	1.07	1.05	5.77	ppb
Silver	107-1	1.02	1.06	1.09	1.05	3.46	ppb
Sodium	23-2	582.00	503.50	539.89	541.80	7.25	ppb
Strontium	86-1	1.03	1.13	0.92	1.03	10.03	ppb
Strontium	88-1	0.96	0.97	1.06	0.99	5.42	ppb
Sulfur	34-1	1016.41	1187.42	1116.49	1106.78	7.76	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.98	1.11	1.08	1.06	6.48	ppb
Thallium	205-1	1.08	1.07	1.07	1.07	0.73	ppb
Tin	118-1	5.37	5.48	5.33	5.39	1.44	ppb
Titanium	47-1	4.74	5.03	4.75	4.84	3.42	ppb
Uranium	238-1	0.91	0.96	0.97	0.95	3.14	ppb
Vanadium	51-2	4.78	4.35	4.86	4.66	5.84	ppb
Yttrium	89-1				94		%
Yttrium	89-2				97		%
Zinc	66-2	2.94	3.26	3.11	3.10	5.13	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:11:36	DataFile Name :	015LLIC_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.12	2.06	1.90	2.03	5.53	ppb
Zirconium	91-1	1.90	1.91	1.80	1.87	3.06	ppb

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 15:14:57 DataFile Name : 016CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.75	-1.60	0.24	-0.20		ppb
Antimony	121-1	0.11	0.11	0.10	0.11	6.39	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.08	0.05	0.10	0.08	30.56	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	11.85	11.25	11.61	11.57	2.62	ppb
Boron	11-1	12.47	10.76	10.69	11.31	8.91	ppb
Cadmium	111-1	-0.11	-0.05	-0.15	-0.10		ppb
Cadmium	106-1	-1.56	-0.62	-2.22	-1.47		ppb
Cadmium	108-1	-0.01	-0.01	-0.09	-0.04		ppb
Calcium	43-1	0.36	-8.13	-2.48	-3.42		ppb
Calcium	44-1	2.71	2.85	0.28	1.95	74.02	ppb
Chromium	52-2	-0.05	-0.04	-0.04	-0.04		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	-0.09	-0.04	-0.04	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	-0.15	0.04	-0.31	-0.14		ppb
Iron	57-2	5.47	1.74	1.31	2.84	80.55	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.03	0.03	24.33	ppb
Lead	207-1	0.01	0.01	0.03	0.02	73.18	ppb
Lead	208-1	0.02	0.03	0.03	0.03	15.62	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.74	-3.48	-0.58	-1.60		ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:14:57	DataFile Name :	016CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.11	-0.25	-0.31	-0.23		ppb
Molybdenum	94-1	0.13	0.18	0.19	0.16	20.19	ppb
Molybdenum	95-1	0.10	0.11	0.11	0.11	3.25	ppb
Molybdenum	96-1	0.10	0.15	0.11	0.12	20.58	ppb
Molybdenum	97-1	0.09	0.08	0.08	0.08	4.60	ppb
Molybdenum	98-1	0.09	0.11	0.13	0.11	18.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.39	0.63	0.55	25.59	ppb
Phosphorus	31-2	-4.37	-4.86	18.23	3.00	439.35	ppb
Potassium	39-2	1.54	2.24	19.12	7.63	130.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.29	-0.62	2.12	0.60	233.11	ppb
Selenium	82-1	0.03	0.27	0.11	0.14	90.10	ppb
Silicon	28-1	-3.98	-3.22	-4.22	-3.81		ppb
Silver	109-1	0.01	0.02	0.00	0.01	74.00	ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.72	ppb
Sodium	23-2	34.65	38.31	35.59	36.18	5.25	ppb
Strontium	86-1	-0.04	-0.01	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-204.73	57.00	190.30	14.19	1416.19	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.06	0.04	0.05	23.16	ppb
Thallium	205-1	0.04	0.04	0.06	0.05	14.86	ppb
Tin	118-1	0.16	0.13	0.13	0.14	11.08	ppb
Titanium	47-1	0.01	-0.02	0.04	0.01	345.35	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	26.54	ppb
Vanadium	51-2	0.00	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.41	0.21	0.47	0.36	36.76	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:14:57	DataFile Name :	016CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.02	0.03	28.24	ppb
Zirconium	91-1	0.08	0.08	0.04	0.07	32.38	ppb

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 15:19:05 DataFile Name : 017ICSA01_P8082118- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92377.33	91530.40	89702.42	91203.38	1.50	ppb
Antimony	121-1	1.18	1.23	1.19	1.20	2.15	ppb
Arsenic	75-2	0.23	0.21	0.37	0.27	31.33	ppb
Barium	135-1	1.41	1.38	1.41	1.40	1.05	ppb
Barium	137-1	1.46	1.50	1.47	1.48	1.30	ppb
Beryllium	9-1	0.37	0.21	0.39	0.32	30.36	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	11.26	12.28	10.38	11.31	8.37	ppb
Boron	11-1	11.41	10.38	10.68	10.82	4.90	ppb
Cadmium	111-1	0.32	0.34	0.24	0.30	17.63	ppb
Cadmium	106-1	-1.51	-0.92	-0.78	-1.07		ppb
Cadmium	108-1	7.58	8.52	9.40	8.50	10.73	ppb
Calcium	43-1	93761.12	91945.32	93567.09	93091.18	1.07	ppb
Calcium	44-1	91426.82	90257.22	90808.72	90830.92	0.64	ppb
Chromium	52-2	20.14	19.49	19.07	19.57	2.76	ppb
Cobalt	59-2	1.09	1.02	1.06	1.06	3.51	ppb
Copper	63-2	7.45	7.56	7.26	7.43	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	101966.60	101088.12	99530.79	100861.84	1.22	ppb
Iron	57-2	98781.77	98063.10	95970.22	97605.03	1.50	ppb
Krypton	83-1						cps
Lead	206-1	4.81	4.66	4.84	4.77	1.98	ppb
Lead	207-1	4.03	3.97	4.02	4.01	0.74	ppb
Lead	208-1	4.31	4.26	4.32	4.30	0.79	ppb
Lithium	6-1				96		%
Magnesium	24-2	99800.84	98607.05	96258.83	98222.24	1.83	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:19:05	DataFile Name :	017ICSA01_P8082118- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.41	7.49	7.45	7.45	0.58	ppb
Molybdenum	94-1	1352.19	1365.59	1360.67	1359.48	0.50	ppb
Molybdenum	95-1	1921.09	1935.97	1921.74	1926.26	0.44	ppb
Molybdenum	96-1	1880.18	1868.36	1835.16	1861.23	1.25	ppb
Molybdenum	97-1	1933.54	1959.70	1938.57	1943.94	0.71	ppb
Molybdenum	98-1	1923.39	1931.61	1911.00	1922.00	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.18	5.39	5.16	5.25	2.38	ppb
Phosphorus	31-2	98203.32	95723.69	97544.06	97157.03	1.32	ppb
Potassium	39-2	99633.14	98366.29	96816.22	98271.88	1.44	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.30	0.36	-0.62	0.68	217.54	ppb
Selenium	82-1	1.00	0.07	0.66	0.58	81.79	ppb
Silicon	28-1	44.53	41.94	42.32	42.93	3.26	ppb
Silver	109-1	0.06	0.06	0.08	0.06	14.82	ppb
Silver	107-1	0.05	0.06	0.07	0.06	14.53	ppb
Sodium	23-2	100082.21	100931.84	98288.56	99767.53	1.35	ppb
Strontium	86-1	33.13	33.40	32.75	33.09	0.99	ppb
Strontium	88-1	33.69	33.78	33.45	33.64	0.51	ppb
Sulfur	34-1	77526.85	76631.15	76624.12	76927.37	0.67	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.10	0.12	0.10	20.89	ppb
Thallium	205-1	0.07	0.10	0.11	0.09	22.79	ppb
Tin	118-1	0.25	0.25	0.25	0.25	0.83	ppb
Titanium	47-1	1983.96	2003.49	1960.95	1982.80	1.07	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	13.57	ppb
Vanadium	51-2	0.10	0.12	0.18	0.13	30.17	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	12.64	12.25	11.43	12.11	5.12	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:19:05	DataFile Name :	017ICSA01_P8082118- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	0.78	0.65	0.79	18.32	ppb
Zirconium	91-1	0.97	0.76	0.72	0.82	16.86	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:22:22	DataFile Name :	018ICSB_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91178.76	93050.02	92321.96	92183.58	1.02	ppb
Antimony	121-1	20.39	20.53	20.51	20.48	0.36	ppb
Arsenic	75-2	19.11	19.86	19.23	19.40	2.06	ppb
Barium	135-1	21.05	20.91	21.38	21.11	1.13	ppb
Barium	137-1	21.40	21.28	21.31	21.33	0.30	ppb
Beryllium	9-1	20.20	20.21	20.46	20.29	0.72	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	9.30	7.94	8.38	8.54	8.15	ppb
Boron	11-1	9.68	9.29	8.55	9.18	6.25	ppb
Cadmium	111-1	19.08	19.17	19.11	19.12	0.23	ppb
Cadmium	106-1	16.45	13.05	14.78	14.76	11.55	ppb
Cadmium	108-1	26.46	26.14	25.72	26.11	1.41	ppb
Calcium	43-1	91660.44	90934.79	91450.26	91348.50	0.41	ppb
Calcium	44-1	90721.00	89585.73	90654.26	90320.33	0.71	ppb
Chromium	52-2	38.56	39.26	39.29	39.04	1.07	ppb
Cobalt	59-2	20.58	21.42	20.99	20.99	2.00	ppb
Copper	63-2	26.54	27.51	27.27	27.11	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	100766.48	102145.57	101672.49	101528.18	0.69	ppb
Iron	57-2	97326.33	99638.15	99202.23	98722.24	1.24	ppb
Krypton	83-1						cps
Lead	206-1	24.73	24.49	24.81	24.68	0.67	ppb
Lead	207-1	22.23	22.40	21.94	22.19	1.04	ppb
Lead	208-1	23.10	23.19	23.19	23.16	0.23	ppb
Lithium	6-1				96		%
Magnesium	24-2	98759.26	100203.46	98596.52	99186.41	0.89	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:22:22	DataFile Name :	018ICSB_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.98	27.50	27.25	26.91	3.04	ppb
Molybdenum	94-1	1343.37	1345.50	1362.91	1350.59	0.79	ppb
Molybdenum	95-1	1886.41	1886.88	1916.82	1896.70	0.92	ppb
Molybdenum	96-1	1839.62	1836.95	1862.08	1846.22	0.75	ppb
Molybdenum	97-1	1938.62	1935.15	1936.67	1936.81	0.09	ppb
Molybdenum	98-1	1911.54	1892.18	1928.67	1910.79	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.12	25.10	24.24	24.82	2.02	ppb
Phosphorus	31-2	97080.81	100501.99	101902.10	99828.30	2.48	ppb
Potassium	39-2	98401.73	99792.98	99396.26	99196.99	0.72	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	12.32	24.49	12.09	16.30	43.53	ppb
Selenium	78-2	22.07	27.84	23.58	24.50	12.21	ppb
Selenium	82-1	19.21	19.44	19.77	19.48	1.46	ppb
Silicon	28-1	44.59	49.67	45.20	46.49	5.96	ppb
Silver	109-1	18.58	18.60	18.64	18.61	0.17	ppb
Silver	107-1	18.84	18.86	18.98	18.89	0.38	ppb
Sodium	23-2	100354.49	102216.68	101159.41	101243.53	0.92	ppb
Strontium	86-1	32.69	32.91	32.41	32.67	0.77	ppb
Strontium	88-1	33.80	32.92	33.57	33.43	1.36	ppb
Sulfur	34-1	75336.93	74282.89	75577.86	75065.89	0.92	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	19.81	19.64	19.87	19.78	0.60	ppb
Thallium	205-1	20.16	20.07	20.22	20.15	0.39	ppb
Tin	118-1	0.17	0.17	0.20	0.18	9.96	ppb
Titanium	47-1	1947.52	1944.98	1962.43	1951.64	0.48	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	29.26	ppb
Vanadium	51-2	18.95	19.22	19.32	19.16	0.99	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	30.84	32.58	32.63	32.02	3.18	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:22:22	DataFile Name :	018ICSB_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.39	0.37	0.30	0.35	13.05	ppb
Zirconium	91-1	0.33	0.42	0.38	0.38	12.27	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:29:33	DataFile Name :	020CCV_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55419.42	53207.94	53762.76	54130.04	2.13	ppb
Antimony	121-1	507.69	517.43	525.96	517.03	1.77	ppb
Arsenic	75-2	519.53	500.64	504.05	508.08	1.98	ppb
Barium	135-1	2564.11	2624.04	2674.28	2620.81	2.10	ppb
Barium	137-1	2557.70	2585.64	2645.34	2596.23	1.72	ppb
Beryllium	9-1	523.20	525.10	526.50	524.93	0.32	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	533.15	545.79	557.83	545.59	2.26	ppb
Boron	11-1	524.82	541.97	546.91	537.90	2.16	ppb
Cadmium	111-1	498.79	505.06	516.23	506.69	1.74	ppb
Cadmium	106-1	505.56	517.05	513.47	512.02	1.15	ppb
Cadmium	108-1	496.40	507.10	513.54	505.68	1.71	ppb
Calcium	43-1	236228.75	236612.70	239405.13	237415.53	0.73	ppb
Calcium	44-1	233628.43	237297.99	236797.15	235907.86	0.84	ppb
Chromium	52-2	527.90	510.50	514.49	517.63	1.76	ppb
Cobalt	59-2	505.69	486.20	492.44	494.78	2.01	ppb
Copper	63-2	969.67	930.06	941.31	947.01	2.16	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				96		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	56-2	132437.77	127333.15	128242.74	129337.89	2.11	ppb
Iron	57-2	132503.51	127081.93	128083.77	129223.07	2.23	ppb
Krypton	83-1						cps
Lead	206-1	520.80	525.29	524.60	523.56	0.46	ppb
Lead	207-1	517.93	515.52	529.12	520.86	1.39	ppb
Lead	208-1	519.31	522.30	525.72	522.45	0.61	ppb
Lithium	6-1				92		%
Magnesium	24-2	256769.60	246561.43	248488.85	250606.63	2.16	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:29:33	DataFile Name :	020CCV_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1033.66	986.64	1000.44	1006.91	2.40	ppb
Molybdenum	94-1	2569.94	2585.62	2594.87	2583.48	0.49	ppb
Molybdenum	95-1	2549.17	2535.38	2589.82	2558.12	1.11	ppb
Molybdenum	96-1	2551.75	2560.88	2613.03	2575.22	1.28	ppb
Molybdenum	97-1	2556.53	2580.21	2582.07	2572.94	0.55	ppb
Molybdenum	98-1	2551.59	2555.63	2598.61	2568.61	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.96	492.39	497.52	498.62	1.37	ppb
Phosphorus	31-2	10583.83	9797.82	9766.68	10049.44	4.61	ppb
Potassium	39-2	133994.48	128384.86	128602.75	130327.37	2.44	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	77-2	565.71	484.12	688.00	579.28	17.71	ppb
Selenium	78-2	513.07	497.83	485.25	498.72	2.79	ppb
Selenium	82-1	503.39	507.42	515.76	508.85	1.24	ppb
Silicon	28-1	548.97	562.77	568.07	559.94	1.76	ppb
Silver	109-1	510.38	513.55	523.70	515.87	1.35	ppb
Silver	107-1	505.24	514.22	518.70	512.72	1.34	ppb
Sodium	23-2	266893.74	253783.21	257884.67	259520.54	2.58	ppb
Strontium	86-1	504.54	509.15	512.86	508.85	0.82	ppb
Strontium	88-1	514.34	511.58	517.12	514.35	0.54	ppb
Sulfur	34-1	10271.05	10596.06	10669.10	10512.07	2.02	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	526.76	527.21	532.54	528.83	0.61	ppb
Thallium	205-1	523.02	521.43	526.18	523.55	0.46	ppb
Tin	118-1	518.34	523.72	529.32	523.79	1.05	ppb
Titanium	47-1	2570.50	2588.94	2600.01	2586.48	0.58	ppb
Uranium	238-1	510.90	520.48	519.92	517.10	1.04	ppb
Vanadium	51-2	516.18	494.60	501.65	504.14	2.18	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	990.48	951.81	964.66	968.98	2.03	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:29:33	DataFile Name :	020CCV_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	517.48	515.06	525.99	519.51	1.11	ppb
Zirconium	91-1	506.98	507.54	512.14	508.89	0.56	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:35:05	DataFile Name :	021CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	2.79	1.13	1.37	96.46	ppb
Antimony	121-1	0.46	0.44	0.48	0.46	4.55	ppb
Arsenic	75-2	0.07	0.05	0.03	0.05	41.37	ppb
Barium	135-1	0.01	0.01	0.03	0.02	65.50	ppb
Barium	137-1	0.03	0.05	0.04	0.04	26.29	ppb
Beryllium	9-1	0.21	0.30	0.25	0.25	16.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	13.37	13.21	13.17	13.25	0.81	ppb
Boron	11-1	14.05	12.69	13.01	13.25	5.36	ppb
Cadmium	111-1	-0.06	-0.04	-0.02	-0.04		ppb
Cadmium	106-1	-1.16	-0.80	-0.34	-0.77		ppb
Cadmium	108-1	-0.01	0.03	0.03	0.01	172.24	ppb
Calcium	43-1	3.38	-5.42	-1.16	-1.07		ppb
Calcium	44-1	6.90	6.58	6.83	6.77	2.53	ppb
Chromium	52-2	-0.09	0.06	-0.10	-0.04		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	179.80	ppb
Copper	63-2	-0.05	-0.06	-0.04	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	3.14	2.75	2.87	2.92	6.80	ppb
Iron	57-2	4.80	6.67	0.85	4.10	72.41	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.06	0.05	16.94	ppb
Lead	207-1	0.06	0.06	0.06	0.06	7.68	ppb
Lead	208-1	0.05	0.05	0.06	0.05	1.98	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.05	3.59	3.10	2.58	52.20	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:35:05	DataFile Name :	021CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.40	-0.32	-0.40	-0.37		ppb
Molybdenum	94-1	0.45	0.46	0.41	0.44	5.23	ppb
Molybdenum	95-1	0.41	0.47	0.51	0.46	11.01	ppb
Molybdenum	96-1	0.45	0.54	0.50	0.50	9.16	ppb
Molybdenum	97-1	0.50	0.45	0.53	0.49	8.94	ppb
Molybdenum	98-1	0.49	0.51	0.46	0.49	4.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.42	0.36	0.40	7.89	ppb
Phosphorus	31-2	-5.10	-27.54	-4.80	-12.48		ppb
Potassium	39-2	53.11	81.08	68.34	67.51	20.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	-0.62	0.29	-0.31		ppb
Selenium	82-1	-0.39	0.54	0.51	0.22	238.33	ppb
Silicon	28-1	-3.01	-3.20	-1.56	-2.59		ppb
Silver	109-1	0.03	0.02	0.04	0.03	35.08	ppb
Silver	107-1	0.03	0.02	0.03	0.03	23.12	ppb
Sodium	23-2	81.76	102.36	91.37	91.83	11.23	ppb
Strontium	86-1	-0.05	-0.02	-0.07	-0.04		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	80.35	ppb
Sulfur	34-1	-517.72	-205.66	-23.21	-248.86		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.13	0.12	0.12	0.12	3.81	ppb
Thallium	205-1	0.13	0.14	0.14	0.14	4.09	ppb
Tin	118-1	0.16	0.17	0.17	0.17	3.17	ppb
Titanium	47-1	0.12	0.01	0.04	0.06	98.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	17.12	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	-0.23	0.66	0.48	0.31	153.13	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:35:05	DataFile Name :	021CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.05	0.02	0.04	40.75	ppb
Zirconium	91-1	0.05	0.04	0.04	0.04	11.39	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:38:27	DataFile Name :	022LLCC_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.19	22.72	25.05	23.32	6.51	ppb
Antimony	121-1	2.28	2.36	2.31	2.32	1.84	ppb
Arsenic	75-2	0.92	0.77	1.04	0.91	14.86	ppb
Barium	135-1	10.15	10.21	10.26	10.21	0.53	ppb
Barium	137-1	9.63	10.28	10.08	10.00	3.30	ppb
Beryllium	9-1	1.26	1.19	1.20	1.22	3.09	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	31.79	32.14	32.62	32.18	1.29	ppb
Boron	11-1	32.25	33.63	33.67	33.18	2.45	ppb
Cadmium	111-1	0.94	1.03	1.05	1.00	5.85	ppb
Cadmium	106-1	-0.76	0.35	0.50	0.03	2340.43	ppb
Cadmium	108-1	0.85	1.34	1.33	1.17	23.62	ppb
Calcium	43-1	443.00	453.84	451.79	449.54	1.28	ppb
Calcium	44-1	459.09	460.44	466.04	461.86	0.80	ppb
Chromium	52-2	2.40	2.23	1.96	2.20	10.14	ppb
Cobalt	59-2	1.02	1.00	0.95	0.99	3.67	ppb
Copper	63-2	1.96	2.05	1.78	1.93	6.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	57.50	53.46	53.00	54.65	4.53	ppb
Iron	57-2	63.50	52.17	50.31	55.33	12.90	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.09	1.05	1.05	3.46	ppb
Lead	207-1	0.94	1.05	1.01	1.00	5.38	ppb
Lead	208-1	0.99	1.04	1.05	1.03	2.97	ppb
Lithium	6-1				97		%
Magnesium	24-2	549.29	492.14	458.88	500.10	9.14	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:38:27	DataFile Name :	022LLCC_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.56	0.80	0.72	0.70	17.55	ppb
Molybdenum	94-1	5.69	5.68	5.84	5.74	1.58	ppb
Molybdenum	95-1	4.97	5.03	5.16	5.06	1.94	ppb
Molybdenum	96-1	5.37	5.03	5.37	5.25	3.76	ppb
Molybdenum	97-1	4.77	5.40	5.04	5.07	6.19	ppb
Molybdenum	98-1	5.25	5.15	5.26	5.22	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.71	1.28	1.54	1.51	14.08	ppb
Phosphorus	31-2	-27.54	-27.54	-27.54	-27.54		ppb
Potassium	39-2	566.05	540.85	598.01	568.30	5.04	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	77-2	6.00	0.00	5.79	3.93	86.64	ppb
Selenium	78-2	4.20	5.97	10.53	6.90	47.40	ppb
Selenium	82-1	4.46	4.56	5.82	4.94	15.36	ppb
Silicon	28-1	24.65	26.39	27.64	26.23	5.73	ppb
Silver	109-1	1.06	1.12	1.04	1.07	4.20	ppb
Silver	107-1	1.08	1.20	1.08	1.12	6.08	ppb
Sodium	23-2	621.17	571.40	593.31	595.29	4.19	ppb
Strontium	86-1	0.99	0.90	0.98	0.96	5.20	ppb
Strontium	88-1	1.02	1.02	1.00	1.01	0.98	ppb
Sulfur	34-1	583.52	972.50	1005.85	853.96	27.50	ppb
Terbium	159-1				94		%
Terbium	159-2				98		%
Thallium	203-1	1.12	1.12	1.15	1.13	1.48	ppb
Thallium	205-1	1.09	1.11	1.12	1.11	1.47	ppb
Tin	118-1	5.14	5.31	5.02	5.16	2.78	ppb
Titanium	47-1	5.33	5.07	4.89	5.10	4.30	ppb
Uranium	238-1	0.96	0.94	0.96	0.95	1.52	ppb
Vanadium	51-2	5.14	4.59	4.70	4.81	6.09	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	4.83	3.76	4.17	4.25	12.67	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:38:27	DataFile Name :	022LLCC_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.41	1.39	1.39	1.40	0.76	ppb
Zirconium	91-1	1.25	1.47	1.31	1.35	8.53	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112040BL	Instrumnet Name :	P8
Client Sample ID :	PB112040BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:41:49	DataFile Name :	023CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.63	0.17	0.24	-0.07		ppb
Antimony	121-1	0.12	0.11	0.12	0.12	3.17	ppb
Arsenic	75-2	0.01	0.07	0.03	0.03	93.02	ppb
Barium	135-1	0.00	-0.01	0.02	0.00	689.97	ppb
Barium	137-1	0.03	0.01	0.00	0.02	96.06	ppb
Beryllium	9-1	0.08	0.13	0.08	0.10	34.23	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	7.92	6.78	6.90	7.20	8.72	ppb
Boron	11-1	8.00	8.17	7.01	7.73	8.09	ppb
Cadmium	111-1	-0.05	-0.05	-0.11	-0.07		ppb
Cadmium	106-1	-0.71	-0.93	-1.51	-1.05		ppb
Cadmium	108-1	-0.05	0.06	0.10	0.03	218.63	ppb
Calcium	43-1	-1.85	2.26	-1.58	-0.39		ppb
Calcium	44-1	1.84	0.75	5.20	2.60	89.36	ppb
Chromium	52-2	-0.09	0.04	-0.08	-0.05		ppb
Cobalt	59-2	0.01	0.01	-0.01	0.00	423.24	ppb
Copper	63-2	-0.08	-0.03	-0.15	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	2.16	2.19	1.96	2.10	5.83	ppb
Iron	57-2	4.60	3.89	4.01	4.17	9.14	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.02	0.03	19.44	ppb
Lead	207-1	0.03	0.03	0.04	0.03	31.39	ppb
Lead	208-1	0.04	0.04	0.03	0.03	11.90	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.35	5.89	3.79	3.11	102.05	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112040BL	Instrumnet Name :	P8
Client Sample ID :	PB112040BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:41:49	DataFile Name :	023CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.50	-0.29	-0.48	-0.42		ppb
Molybdenum	94-1	0.11	0.15	0.17	0.15	21.41	ppb
Molybdenum	95-1	0.18	0.16	0.17	0.17	6.56	ppb
Molybdenum	96-1	0.14	0.15	0.14	0.14	5.39	ppb
Molybdenum	97-1	0.13	0.10	0.13	0.12	11.34	ppb
Molybdenum	98-1	0.14	0.14	0.14	0.14	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.60	0.40	0.55	23.21	ppb
Phosphorus	31-2	-27.54	-5.20	18.16	-4.86		ppb
Potassium	39-2	49.89	48.44	36.04	44.79	16.99	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	0.00	5.52	0.00	1.84	173.21	ppb
Selenium	78-2	1.19	0.27	-0.62	0.28	322.41	ppb
Selenium	82-1	0.51	0.40	0.46	0.46	12.20	ppb
Silicon	28-1	-5.73	-5.87	-5.83	-5.81		ppb
Silver	109-1	0.02	0.01	0.02	0.02	24.96	ppb
Silver	107-1	0.02	0.02	0.01	0.02	12.88	ppb
Sodium	23-2	82.22	71.27	77.16	76.88	7.13	ppb
Strontium	86-1	-0.01	0.01	-0.05	-0.02		ppb
Strontium	88-1	0.00	0.01	0.01	0.00	138.24	ppb
Sulfur	34-1	-512.57	-559.85	-480.37	-517.60		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.08	0.07	0.07	4.45	ppb
Thallium	205-1	0.08	0.09	0.06	0.08	16.40	ppb
Tin	118-1	0.03	0.06	0.03	0.04	44.88	ppb
Titanium	47-1	0.05	0.01	0.12	0.06	91.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	32.72	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	0.67	0.77	0.81	0.75	10.11	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112040BL	Instrumnet Name :	P8
Client Sample ID :	PB112040BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:41:49	DataFile Name :	023CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.02	0.01	64.66	ppb
Zirconium	91-1	0.02	0.08	0.03	0.05	71.72	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112040BS	Instrumnet Name :	P8
Client Sample ID :	PB112040BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:45:10	DataFile Name :	024LCS6_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.57	39.15	37.30	37.68	3.53	ppb
Antimony	121-1	4.13	4.36	4.21	4.24	2.73	ppb
Arsenic	75-2	1.67	2.59	1.93	2.06	22.85	ppb
Barium	135-1	20.42	20.46	20.25	20.38	0.55	ppb
Barium	137-1	20.84	21.08	20.59	20.84	1.18	ppb
Beryllium	9-1	2.08	2.13	2.16	2.12	2.07	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	51.09	50.05	48.38	49.84	2.74	ppb
Boron	11-1	52.04	53.43	53.37	52.94	1.48	ppb
Cadmium	111-1	2.12	1.97	2.03	2.04	3.68	ppb
Cadmium	106-1	0.76	1.36	1.26	1.13	28.27	ppb
Cadmium	108-1	2.19	2.13	1.92	2.08	6.85	ppb
Calcium	43-1	944.76	925.94	892.65	921.12	2.86	ppb
Calcium	44-1	921.85	943.19	947.41	937.49	1.46	ppb
Chromium	52-2	4.03	4.00	4.38	4.14	5.15	ppb
Cobalt	59-2	2.08	2.05	2.05	2.06	0.99	ppb
Copper	63-2	3.79	3.72	3.90	3.80	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	533.08	524.88	532.62	530.19	0.87	ppb
Iron	57-2	514.32	516.58	536.63	522.51	2.35	ppb
Krypton	83-1						cps
Lead	206-1	2.10	2.02	2.06	2.06	2.09	ppb
Lead	207-1	2.08	2.00	2.02	2.03	2.11	ppb
Lead	208-1	2.06	2.05	2.10	2.07	1.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	1026.62	982.29	954.64	987.85	3.68	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112040BS	Instrumnet Name :	P8
Client Sample ID :	PB112040BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:45:10	DataFile Name :	024LCS6_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.11	1.95	2.05	2.03	3.99	ppb
Molybdenum	94-1	10.45	10.24	10.73	10.47	2.36	ppb
Molybdenum	95-1	10.10	9.71	10.38	10.06	3.37	ppb
Molybdenum	96-1	10.26	9.88	10.34	10.16	2.39	ppb
Molybdenum	97-1	9.83	10.22	9.75	9.93	2.55	ppb
Molybdenum	98-1	10.19	10.21	10.05	10.15	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.88	2.84	2.46	2.73	8.36	ppb
Phosphorus	31-2	-5.29	-27.54	-27.54	-20.12		ppb
Potassium	39-2	1042.62	1076.80	1113.69	1077.70	3.30	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	77-2	5.53	0.00	5.62	3.72	86.61	ppb
Selenium	78-2	12.70	11.05	6.59	10.12	31.23	ppb
Selenium	82-1	11.22	10.58	10.28	10.69	4.48	ppb
Silicon	28-1	32.02	32.58	32.42	32.34	0.89	ppb
Silver	109-1	2.13	2.31	2.19	2.21	4.16	ppb
Silver	107-1	2.22	2.24	2.17	2.21	1.61	ppb
Sodium	23-2	1075.74	1071.20	1089.59	1078.84	0.89	ppb
Strontium	86-1	2.22	2.00	1.99	2.07	6.17	ppb
Strontium	88-1	2.09	2.05	2.02	2.05	1.72	ppb
Sulfur	34-1	-20.11	58.92	133.51	57.44	133.74	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	1.98	2.08	2.05	2.04	2.43	ppb
Thallium	205-1	2.17	2.08	2.11	2.12	2.23	ppb
Tin	118-1	10.47	10.24	10.53	10.41	1.49	ppb
Titanium	47-1	10.00	9.79	10.51	10.10	3.63	ppb
Uranium	238-1	1.96	1.93	1.90	1.93	1.44	ppb
Vanadium	51-2	9.28	9.66	9.85	9.60	3.01	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	4.85	5.22	4.92	5.00	3.87	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112040BS	Instrumnet Name :	P8
Client Sample ID :	PB112040BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:45:10	DataFile Name :	024LCS6_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.14	2.10	2.23	2.16	3.05	ppb
Zirconium	91-1	2.07	2.02	2.33	2.14	7.63	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:26:57	DataFile Name :	025CCV_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55211.49	54989.58	52942.82	54381.30	2.30	ppb
Antimony	121-1	519.30	526.52	521.75	522.52	0.70	ppb
Arsenic	75-2	511.07	500.03	495.88	502.33	1.56	ppb
Barium	135-1	2637.63	2642.35	2671.65	2650.54	0.70	ppb
Barium	137-1	2610.64	2626.74	2619.00	2618.79	0.31	ppb
Beryllium	9-1	534.26	529.57	525.46	529.76	0.83	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Boron	10-1	513.99	544.04	534.72	530.92	2.90	ppb
Boron	11-1	517.22	533.84	539.20	530.09	2.16	ppb
Cadmium	111-1	509.26	510.34	506.29	508.63	0.41	ppb
Cadmium	106-1	510.56	514.93	502.94	509.48	1.19	ppb
Cadmium	108-1	508.37	514.23	513.86	512.15	0.64	ppb
Calcium	43-1	239766.72	239773.20	236217.96	238585.96	0.86	ppb
Calcium	44-1	234139.37	236828.48	235508.19	235492.01	0.57	ppb
Chromium	52-2	523.80	522.49	499.75	515.35	2.62	ppb
Cobalt	59-2	496.36	495.51	476.72	489.53	2.27	ppb
Copper	63-2	944.31	945.63	910.94	933.63	2.11	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				94		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	56-2	130832.96	131036.72	126046.67	129305.45	2.18	ppb
Iron	57-2	129797.90	126855.82	124674.56	127109.42	2.02	ppb
Krypton	83-1						cps
Lead	206-1	528.60	529.75	522.98	527.11	0.69	ppb
Lead	207-1	521.31	523.62	514.00	519.65	0.97	ppb
Lead	208-1	524.18	526.40	520.75	523.78	0.54	ppb
Lithium	6-1				92		%
Magnesium	24-2	253728.34	254135.75	244633.90	250832.66	2.14	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:26:57	DataFile Name :	025CCV_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1011.65	1020.64	977.54	1003.28	2.27	ppb
Molybdenum	94-1	2576.58	2587.65	2598.46	2587.56	0.42	ppb
Molybdenum	95-1	2529.43	2530.12	2550.89	2536.81	0.48	ppb
Molybdenum	96-1	2558.77	2520.55	2583.63	2554.32	1.24	ppb
Molybdenum	97-1	2582.71	2549.90	2605.75	2579.46	1.09	ppb
Molybdenum	98-1	2546.94	2532.69	2573.85	2551.16	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.67	501.25	481.02	493.31	2.19	ppb
Phosphorus	31-2	10145.20	10173.71	9267.40	9862.10	5.22	ppb
Potassium	39-2	131643.13	130978.52	126538.96	129720.20	2.14	ppb
Rhodium	103-1				85		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	454.44	441.59	519.58	471.87	8.86	ppb
Selenium	78-2	557.67	506.69	478.12	514.16	7.84	ppb
Selenium	82-1	510.80	501.28	507.92	506.67	0.96	ppb
Silicon	28-1	559.98	571.46	572.00	567.81	1.20	ppb
Silver	109-1	524.74	528.81	510.90	521.48	1.80	ppb
Silver	107-1	520.12	525.81	516.39	520.77	0.91	ppb
Sodium	23-2	264691.16	261783.01	252617.82	259697.33	2.43	ppb
Strontium	86-1	506.14	500.95	508.19	505.09	0.74	ppb
Strontium	88-1	512.91	512.96	512.78	512.88	0.02	ppb
Sulfur	34-1	10991.43	11271.09	10846.98	11036.50	1.95	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	527.53	526.92	534.43	529.63	0.79	ppb
Thallium	205-1	521.91	525.45	523.65	523.67	0.34	ppb
Tin	118-1	527.67	531.56	525.94	528.39	0.54	ppb
Titanium	47-1	2572.45	2580.28	2564.54	2572.42	0.31	ppb
Uranium	238-1	512.55	520.65	521.90	518.37	0.98	ppb
Vanadium	51-2	510.48	511.94	493.34	505.25	2.05	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%
Zinc	66-2	971.19	966.06	937.70	958.32	1.88	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:26:57	DataFile Name :	025CCV_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	514.21	517.26	520.31	517.26	0.59	ppb
Zirconium	91-1	506.36	504.70	506.55	505.87	0.20	ppb

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:30:08 DataFile Name : 026CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.19	-0.14	-0.62	0.14	666.61	ppb
Antimony	121-1	1.06	0.98	0.89	0.98	9.04	ppb
Arsenic	75-2	0.03	0.05	0.07	0.05	44.52	ppb
Barium	135-1	0.10	0.04	0.02	0.05	75.15	ppb
Barium	137-1	0.09	0.09	0.07	0.08	11.72	ppb
Beryllium	9-1	0.27	0.22	0.20	0.23	15.54	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	17.22	14.13	15.83	15.73	9.87	ppb
Boron	11-1	17.24	14.73	13.85	15.27	11.54	ppb
Cadmium	111-1	-0.10	-0.04	0.04	-0.03		ppb
Cadmium	106-1	-1.90	-0.98	0.27	-0.87		ppb
Cadmium	108-1	-0.01	0.06	0.06	0.04	113.33	ppb
Calcium	43-1	-0.35	-3.33	1.61	-0.69		ppb
Calcium	44-1	9.61	6.59	6.33	7.51	24.26	ppb
Chromium	52-2	-0.07	-0.16	-0.11	-0.11		ppb
Cobalt	59-2	0.00	-0.02	0.01	0.00		ppb
Copper	63-2	-0.05	-0.15	-0.11	-0.10		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	3.89	3.71	3.22	3.61	9.68	ppb
Iron	57-2	5.89	5.10	5.07	5.36	8.65	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.05	0.06	17.51	ppb
Lead	207-1	0.07	0.07	0.06	0.06	8.56	ppb
Lead	208-1	0.07	0.07	0.06	0.07	11.64	ppb
Lithium	6-1				101		%
Magnesium	24-2	7.42	6.81	-0.33	4.64	92.94	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:30:08	DataFile Name :	026CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.46	-0.38	-0.44	-0.43		ppb
Molybdenum	94-1	0.88	0.72	0.56	0.72	22.42	ppb
Molybdenum	95-1	0.96	0.89	0.80	0.89	9.34	ppb
Molybdenum	96-1	0.96	0.94	0.84	0.91	7.04	ppb
Molybdenum	97-1	1.07	0.95	0.72	0.91	19.30	ppb
Molybdenum	98-1	0.99	0.85	0.80	0.88	11.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.31	0.24	0.34	34.68	ppb
Phosphorus	31-2	-27.54	-4.07	-27.54	-19.71		ppb
Potassium	39-2	62.90	55.67	56.59	58.39	6.74	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	-0.62	-0.62	-0.62		ppb
Selenium	82-1	0.19	-0.13	0.40	0.16	171.87	ppb
Silicon	28-1	-1.24	-4.91	37.89	10.58	224.24	ppb
Silver	109-1	0.04	0.03	0.02	0.03	23.94	ppb
Silver	107-1	0.04	0.02	0.03	0.03	32.22	ppb
Sodium	23-2	89.18	99.83	93.37	94.13	5.70	ppb
Strontium	86-1	0.01	0.01	0.03	0.02	68.55	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	19.59	ppb
Sulfur	34-1	-94.74	-171.76	-274.20	-180.23		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.16	0.18	0.14	0.16	11.62	ppb
Thallium	205-1	0.16	0.15	0.14	0.15	5.83	ppb
Tin	118-1	0.32	0.28	0.23	0.27	15.90	ppb
Titanium	47-1	0.11	0.14	0.10	0.12	15.38	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	11.13	ppb
Vanadium	51-2	0.00	-0.01	0.02	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1.00	0.37	0.64	0.67	46.56	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:30:08	DataFile Name :	026CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.07	0.06	0.07	24.36	ppb
Zirconium	91-1	0.05	0.07	0.12	0.08	39.82	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112220BL	Instrumnet Name :	P8
Client Sample ID :	PB112220BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:33:30	DataFile Name :	027CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.18	-0.60	0.79	0.46	203.30	ppb
Antimony	121-1	0.28	0.25	0.23	0.26	10.77	ppb
Arsenic	75-2	0.09	0.03	0.01	0.04	103.89	ppb
Barium	135-1	0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	0.01	0.02	0.00	0.01	94.19	ppb
Beryllium	9-1	0.11	0.11	0.09	0.10	13.57	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	7.78	7.88	6.66	7.44	9.11	ppb
Boron	11-1	6.38	7.08	7.16	6.87	6.29	ppb
Cadmium	111-1	-0.09	-0.10	-0.20	-0.13		ppb
Cadmium	106-1	-1.19	-1.49	-2.72	-1.80		ppb
Cadmium	108-1	-0.05	0.07	-0.01	0.00	3695.62	ppb
Calcium	43-1	-6.04	-6.63	-5.54	-6.07		ppb
Calcium	44-1	-1.86	1.59	0.65	0.13	1410.76	ppb
Chromium	52-2	0.03	-0.03	-0.08	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.14	-0.11	-0.12	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	0.93	1.68	1.30	1.30	28.98	ppb
Iron	57-2	2.70	1.89	3.25	2.61	26.22	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.01	0.02	38.74	ppb
Lead	207-1	0.02	0.03	0.03	0.03	27.68	ppb
Lead	208-1	0.03	0.03	0.03	0.03	6.49	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.50	3.05	1.97	1.51	120.99	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112220BL	Instrumnet Name :	P8
Client Sample ID :	PB112220BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:33:30	DataFile Name :	027CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.59	-0.28	-0.35	-0.41		ppb
Molybdenum	94-1	0.27	0.25	0.23	0.25	9.78	ppb
Molybdenum	95-1	0.25	0.29	0.23	0.26	12.44	ppb
Molybdenum	96-1	0.25	0.24	0.23	0.24	4.94	ppb
Molybdenum	97-1	0.20	0.21	0.25	0.22	10.85	ppb
Molybdenum	98-1	0.24	0.20	0.23	0.22	9.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.62	0.61	0.59	7.70	ppb
Phosphorus	31-2	-27.54	-3.90	-27.54	-19.66		ppb
Potassium	39-2	37.70	28.56	51.75	39.34	29.70	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	0.31	-0.62	-0.31		ppb
Selenium	82-1	-0.25	-0.02	0.09	-0.06		ppb
Silicon	28-1	-3.95	-1.18	-4.16	-3.09		ppb
Silver	109-1	0.01	0.02	0.01	0.01	41.71	ppb
Silver	107-1	0.02	0.02	0.01	0.02	30.10	ppb
Sodium	23-2	75.81	75.02	78.98	76.61	2.74	ppb
Strontium	86-1	0.03	0.02	-0.01	0.01	163.43	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-193.09	387.18	-194.02	0.03	1244013.93	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.08	0.08	0.08	10.10	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	8.26	ppb
Tin	118-1	0.08	0.08	0.06	0.07	15.56	ppb
Titanium	47-1	0.02	0.00	-0.01	0.01	294.99	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	173.38	ppb
Vanadium	51-2	0.00	0.00	-0.01	-0.01		ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	0.21	0.36	0.37	0.31	29.32	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112220BL	Instrumnet Name :	P8
Client Sample ID :	PB112220BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:33:30	DataFile Name :	027CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.06	0.02	0.04	44.30	ppb
Zirconium	91-1	0.07	0.04	0.02	0.04	68.11	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112220BS	Instrumnet Name :	P8
Client Sample ID :	PB112220BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:36:51	DataFile Name :	028LCS6_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9846.47	9808.73	10147.97	9934.39	1.87	ppb
Antimony	121-1	519.74	535.34	519.17	524.75	1.75	ppb
Arsenic	75-2	507.80	501.43	508.76	506.00	0.79	ppb
Barium	135-1	2606.69	2677.97	2597.33	2627.33	1.68	ppb
Barium	137-1	2591.12	2642.40	2563.21	2598.91	1.55	ppb
Beryllium	9-1	514.82	515.83	506.59	512.41	0.99	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	493.89	513.83	515.09	507.60	2.34	ppb
Boron	11-1	489.31	509.76	509.30	502.79	2.32	ppb
Cadmium	111-1	517.23	528.07	517.60	520.96	1.18	ppb
Cadmium	106-1	520.21	532.75	512.55	521.84	1.95	ppb
Cadmium	108-1	531.43	536.23	509.28	525.64	2.73	ppb
Calcium	43-1	47060.96	48121.71	46649.11	47277.26	1.61	ppb
Calcium	44-1	46978.55	47956.06	46679.72	47204.78	1.41	ppb
Chromium	52-2	486.35	480.29	498.77	488.47	1.93	ppb
Cobalt	59-2	484.24	479.44	492.92	485.53	1.41	ppb
Copper	63-2	947.29	938.29	971.90	952.49	1.83	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				96		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	25352.62	25035.83	25796.48	25394.98	1.50	ppb
Iron	57-2	24519.50	24220.20	25212.37	24650.69	2.06	ppb
Krypton	83-1						cps
Lead	206-1	507.86	522.11	499.55	509.84	2.24	ppb
Lead	207-1	501.18	523.88	501.92	508.99	2.53	ppb
Lead	208-1	503.38	521.80	504.42	509.87	2.03	ppb
Lithium	6-1				97		%
Magnesium	24-2	51599.90	51406.67	53400.04	52135.54	2.11	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112220BS	Instrumnet Name :	P8
Client Sample ID :	PB112220BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:36:51	DataFile Name :	028LCS6_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	982.94	965.17	1002.02	983.37	1.87	ppb
Molybdenum	94-1	2551.18	2563.96	2480.78	2531.97	1.77	ppb
Molybdenum	95-1	2507.22	2553.71	2478.65	2513.19	1.51	ppb
Molybdenum	96-1	2511.25	2555.33	2482.08	2516.22	1.47	ppb
Molybdenum	97-1	2531.22	2557.12	2482.06	2523.47	1.51	ppb
Molybdenum	98-1	2499.38	2538.05	2463.95	2500.46	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.67	477.39	490.44	482.83	1.41	ppb
Phosphorus	31-2	9487.29	10617.06	10370.89	10158.41	5.85	ppb
Potassium	39-2	25259.57	25217.18	25810.11	25428.95	1.30	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	77-2	507.62	506.29	567.07	526.99	6.59	ppb
Selenium	78-2	518.65	473.90	497.72	496.76	4.51	ppb
Selenium	82-1	509.81	507.13	499.63	505.52	1.04	ppb
Silicon	28-1	597.94	607.95	589.20	598.36	1.57	ppb
Silver	109-1	530.52	544.01	526.86	533.80	1.69	ppb
Silver	107-1	529.30	541.56	528.59	533.15	1.37	ppb
Sodium	23-2	52877.88	50944.45	53378.92	52400.42	2.45	ppb
Strontium	86-1	497.35	502.61	492.95	497.64	0.97	ppb
Strontium	88-1	505.90	505.06	500.63	503.86	0.56	ppb
Sulfur	34-1	10585.01	10796.54	10108.91	10496.82	3.36	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	501.61	527.46	503.53	510.87	2.82	ppb
Thallium	205-1	503.34	518.44	503.49	508.42	1.71	ppb
Tin	118-1	522.42	538.79	523.21	528.14	1.75	ppb
Titanium	47-1	2524.34	2569.01	2537.43	2543.59	0.90	ppb
Uranium	238-1	485.01	501.18	486.71	490.97	1.81	ppb
Vanadium	51-2	489.75	484.26	500.30	491.44	1.66	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	970.86	949.56	989.88	970.10	2.08	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112220BS	Instrumnet Name :	P8
Client Sample ID :	PB112220BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:36:51	DataFile Name :	028LCS6_P8082118- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	513.11	516.62	500.77	510.16	1.63	ppb
Zirconium	91-1	492.49	499.07	489.30	493.62	1.01	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-01	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:40:04	DataFile Name :	029SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.74	3.42	8.66	6.28	42.25	ppb
Antimony	121-1	3.59	3.29	3.29	3.39	5.07	ppb
Arsenic	75-2	8.31	7.28	7.02	7.54	9.03	ppb
Barium	135-1	98.15	95.70	94.57	96.14	1.90	ppb
Barium	137-1	98.10	96.19	95.64	96.64	1.34	ppb
Beryllium	9-1	0.28	0.19	0.18	0.22	24.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				87		%
Boron	10-1	325.32	320.83	330.13	325.43	1.43	ppb
Boron	11-1	335.27	322.06	326.98	328.10	2.03	ppb
Cadmium	111-1	0.19	0.17	0.09	0.15	35.75	ppb
Cadmium	106-1	-1.20	-1.49	-1.38	-1.35		ppb
Cadmium	108-1	0.48	0.35	0.50	0.44	18.87	ppb
Calcium	43-1	113396.24	111970.23	111897.88	112421.45	0.75	ppb
Calcium	44-1	111913.72	109789.86	109340.93	110348.17	1.25	ppb
Chromium	52-2	1.14	0.92	0.98	1.01	11.00	ppb
Cobalt	59-2	1.06	0.92	0.89	0.95	9.58	ppb
Copper	63-2	5.44	5.75	5.78	5.66	3.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				87		%
Indium	115-1				91		%
Indium	115-2				80		%
Iron	56-2	1616.35	1671.26	1676.34	1654.65	2.01	ppb
Iron	57-2	1577.40	1635.62	1625.31	1612.78	1.93	ppb
Krypton	83-1						cps
Lead	206-1	0.58	0.44	0.40	0.47	19.23	ppb
Lead	207-1	0.55	0.45	0.42	0.47	15.04	ppb
Lead	208-1	0.57	0.45	0.40	0.47	18.21	ppb
Lithium	6-1				115		%
Magnesium	24-2	20468.83	20870.22	20648.11	20662.39	0.97	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-01	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:40:04	DataFile Name :	029SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	432.02	441.34	446.93	440.09	1.71	ppb
Molybdenum	94-1	15.59	14.93	15.21	15.24	2.17	ppb
Molybdenum	95-1	20.36	20.68	19.74	20.26	2.34	ppb
Molybdenum	96-1	20.05	19.64	19.09	19.59	2.48	ppb
Molybdenum	97-1	20.81	20.04	20.23	20.36	1.96	ppb
Molybdenum	98-1	20.88	20.45	19.79	20.37	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.91	3.15	3.47	3.18	8.94	ppb
Phosphorus	31-2	33.22	68.28	37.15	46.22	41.56	ppb
Potassium	39-2	2701.61	2682.43	2707.38	2697.14	0.48	ppb
Rhodium	103-1				87		%
Rhodium	103-2				82		%
Scandium	45-1				86		%
Scandium	45-2				74		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	-0.62	1.79	0.18	756.68	ppb
Selenium	82-1	0.70	0.13	0.47	0.43	66.81	ppb
Silicon	28-1	10971.57	10639.43	10744.01	10785.01	1.57	ppb
Silver	109-1	1.37	1.29	1.15	1.27	8.72	ppb
Silver	107-1	1.43	1.27	1.09	1.26	13.55	ppb
Sodium	23-2	60744.47	63292.66	62159.30	62065.48	2.06	ppb
Strontium	86-1	739.88	732.69	726.81	733.12	0.89	ppb
Strontium	88-1	751.81	742.74	737.12	743.89	1.00	ppb
Sulfur	34-1	21435.09	20211.39	20335.93	20660.80	3.26	ppb
Terbium	159-1				94		%
Terbium	159-2				87		%
Thallium	203-1	2.14	1.37	0.92	1.48	41.96	ppb
Thallium	205-1	2.14	1.38	0.96	1.50	39.90	ppb
Tin	118-1	3.80	3.64	3.36	3.60	6.14	ppb
Titanium	47-1	1.32	0.85	0.80	0.99	29.10	ppb
Uranium	238-1	1.30	1.33	1.30	1.31	1.41	ppb
Vanadium	51-2	0.22	0.30	0.20	0.24	22.53	ppb
Yttrium	89-1				89		%
Yttrium	89-2				78		%
Zinc	66-2	21.76	21.52	22.37	21.88	2.01	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-01	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:40:04	DataFile Name :	029SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.67	0.63	0.52	0.61	12.81	ppb
Zirconium	91-1	0.72	0.64	0.51	0.63	16.80	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:43:24	DataFile Name :	030SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.54	7.25	6.48	7.42	13.99	ppb
Antimony	121-1	2.10	2.05	2.10	2.09	1.45	ppb
Arsenic	75-2	9.08	8.69	8.45	8.74	3.60	ppb
Barium	135-1	106.14	106.11	106.15	106.13	0.02	ppb
Barium	137-1	105.95	105.70	105.68	105.78	0.14	ppb
Beryllium	9-1	0.13	0.11	0.10	0.11	14.71	ppb
Bismuth	209-1				98		%
Bismuth	209-2				84		%
Boron	10-1	294.09	301.68	300.61	298.79	1.37	ppb
Boron	11-1	297.26	300.74	298.97	298.99	0.58	ppb
Cadmium	111-1	-0.10	-0.19	-0.09	-0.12		ppb
Cadmium	106-1	-2.31	-3.26	-2.02	-2.53		ppb
Cadmium	108-1	0.07	0.11	0.03	0.07	55.53	ppb
Calcium	43-1	116021.63	112541.01	113305.34	113955.99	1.61	ppb
Calcium	44-1	113454.27	110736.60	114119.27	112770.05	1.59	ppb
Chromium	52-2	0.97	1.12	0.90	0.99	11.18	ppb
Cobalt	59-2	0.31	0.35	0.31	0.32	6.04	ppb
Copper	63-2	5.65	6.04	6.40	6.03	6.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				87		%
Indium	115-1				89		%
Indium	115-2				77		%
Iron	56-2	2571.17	2587.75	2557.16	2572.03	0.60	ppb
Iron	57-2	2456.90	2557.24	2544.21	2519.45	2.17	ppb
Krypton	83-1						cps
Lead	206-1	0.52	0.48	0.54	0.51	5.25	ppb
Lead	207-1	0.45	0.41	0.47	0.44	6.22	ppb
Lead	208-1	0.48	0.47	0.49	0.48	2.73	ppb
Lithium	6-1				117		%
Magnesium	24-2	29848.10	29894.43	29576.95	29773.16	0.58	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:43:24	DataFile Name :	030SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	299.05	290.31	298.84	296.07	1.68	ppb
Molybdenum	94-1	1.56	1.59	1.49	1.54	3.20	ppb
Molybdenum	95-1	1.61	1.39	1.43	1.48	7.85	ppb
Molybdenum	96-1	1.55	1.45	1.46	1.49	3.70	ppb
Molybdenum	97-1	1.53	1.52	1.63	1.56	3.96	ppb
Molybdenum	98-1	1.61	1.48	1.63	1.57	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.53	1.90	1.46	1.63	14.46	ppb
Phosphorus	31-2	175.69	245.08	208.93	209.90	16.53	ppb
Potassium	39-2	2152.06	2201.94	2220.41	2191.47	1.61	ppb
Rhodium	103-1				85		%
Rhodium	103-2				79		%
Scandium	45-1				81		%
Scandium	45-2				69		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.13	-0.62	0.63	1.05	181.89	ppb
Selenium	82-1	0.75	1.30	0.66	0.90	38.30	ppb
Silicon	28-1	10972.07	10763.22	10856.13	10863.81	0.96	ppb
Silver	109-1	0.41	0.41	0.38	0.40	4.08	ppb
Silver	107-1	0.44	0.45	0.40	0.43	6.65	ppb
Sodium	23-2	62140.13	61901.41	61366.84	61802.80	0.64	ppb
Strontium	86-1	766.61	756.91	770.99	764.84	0.94	ppb
Strontium	88-1	789.52	772.55	783.99	782.02	1.11	ppb
Sulfur	34-1	4265.97	3784.28	4001.70	4017.32	6.00	ppb
Terbium	159-1				94		%
Terbium	159-2				86		%
Thallium	203-1	0.14	0.14	0.12	0.13	8.94	ppb
Thallium	205-1	0.15	0.15	0.14	0.15	5.61	ppb
Tin	118-1	2.71	2.80	2.75	2.75	1.62	ppb
Titanium	47-1	1.25	1.22	1.02	1.16	10.57	ppb
Uranium	238-1	6.67	6.65	6.74	6.69	0.71	ppb
Vanadium	51-2	0.50	0.38	0.42	0.44	13.51	ppb
Yttrium	89-1				87		%
Yttrium	89-2				74		%
Zinc	66-2	26.09	26.05	27.76	26.63	3.67	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:43:24	DataFile Name :	030SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.31	0.27	0.29	0.29	5.88	ppb
Zirconium	91-1	0.39	0.25	0.29	0.31	23.13	ppb

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-02DUP Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815DL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:46:46 DataFile Name : 031SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.87	3.39	6.15	2.89	122.36	ppb
Antimony	121-1	1.94	1.96	2.13	2.01	5.26	ppb
Arsenic	75-2	8.62	9.67	9.79	9.36	6.90	ppb
Barium	135-1	107.70	106.35	108.30	107.45	0.93	ppb
Barium	137-1	108.52	108.58	108.88	108.66	0.18	ppb
Beryllium	9-1	0.09	0.11	0.08	0.09	13.60	ppb
Bismuth	209-1				98		%
Bismuth	209-2				82		%
Boron	10-1	294.29	303.98	291.52	296.60	2.20	ppb
Boron	11-1	293.27	298.86	293.05	295.06	1.12	ppb
Cadmium	111-1	-0.14	-0.23	-0.12	-0.16		ppb
Cadmium	106-1	-2.58	-3.63	-2.21	-2.81		ppb
Cadmium	108-1	0.03	0.07	0.15	0.08	73.04	ppb
Calcium	43-1	118972.09	118191.19	117418.59	118193.96	0.66	ppb
Calcium	44-1	116301.27	115926.33	115471.59	115899.73	0.36	ppb
Chromium	52-2	0.77	0.87	0.82	0.82	5.93	ppb
Cobalt	59-2	0.35	0.32	0.38	0.35	7.48	ppb
Copper	63-2	6.14	6.51	6.51	6.39	3.26	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				96		%
Holmium	165-2				85		%
Indium	115-1				89		%
Indium	115-2				75		%
Iron	56-2	2637.83	2678.44	2651.11	2655.79	0.78	ppb
Iron	57-2	2639.05	2617.99	2597.59	2618.21	0.79	ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.43	0.42	0.44	5.89	ppb
Lead	207-1	0.39	0.44	0.38	0.40	6.96	ppb
Lead	208-1	0.43	0.43	0.41	0.43	3.34	ppb
Lithium	6-1				119		%
Magnesium	24-2	30116.93	30708.74	30522.29	30449.32	0.99	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02DUP	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815DL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:46:46	DataFile Name :	031SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	301.44	303.67	300.56	301.89	0.53	ppb
Molybdenum	94-1	1.28	1.28	1.34	1.30	2.90	ppb
Molybdenum	95-1	1.31	1.40	1.32	1.34	3.70	ppb
Molybdenum	96-1	1.33	1.38	1.35	1.35	1.85	ppb
Molybdenum	97-1	1.30	1.42	1.41	1.37	4.85	ppb
Molybdenum	98-1	1.41	1.55	1.48	1.48	4.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.74	1.76	1.62	1.71	4.48	ppb
Phosphorus	31-2	111.83	148.99	182.91	147.91	24.04	ppb
Potassium	39-2	2206.74	2288.26	2282.81	2259.27	2.02	ppb
Rhodium	103-1				85		%
Rhodium	103-2				77		%
Scandium	45-1				80		%
Scandium	45-2				67		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.67	-0.62	0.67	0.24	311.14	ppb
Selenium	82-1	1.34	1.46	0.22	1.01	67.60	ppb
Silicon	28-1	11247.96	11097.00	11003.61	11116.19	1.11	ppb
Silver	109-1	0.29	0.26	0.26	0.27	5.53	ppb
Silver	107-1	0.27	0.25	0.26	0.26	4.37	ppb
Sodium	23-2	63558.58	63716.08	62778.67	63351.11	0.79	ppb
Strontium	86-1	779.26	774.87	790.31	781.48	1.02	ppb
Strontium	88-1	795.67	796.08	804.47	798.74	0.62	ppb
Sulfur	34-1	4462.12	4158.01	4050.39	4223.51	5.06	ppb
Terbium	159-1				95		%
Terbium	159-2				84		%
Thallium	203-1	0.07	0.06	0.05	0.06	13.86	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	4.78	ppb
Tin	118-1	2.44	2.50	2.59	2.51	2.95	ppb
Titanium	47-1	1.39	1.12	1.11	1.20	13.21	ppb
Uranium	238-1	6.77	6.99	7.01	6.92	1.91	ppb
Vanadium	51-2	0.42	0.45	0.47	0.45	5.74	ppb
Yttrium	89-1				87		%
Yttrium	89-2				72		%
Zinc	66-2	9.13	9.10	9.08	9.10	0.29	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02DUP	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815DL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:46:46	DataFile Name :	031SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.17	0.21	0.21	16.04	ppb
Zirconium	91-1	0.23	0.21	0.20	0.21	6.28	ppb

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-02LX5 Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815L Dilution Factor : 5
 Date & Time Acquired :: 2018-08-21 16:50:07 DataFile Name : 032SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.90	2.98	3.95	2.01	127.65	ppb
Antimony	121-1	0.34	0.31	0.31	0.32	5.29	ppb
Arsenic	75-2	2.42	1.99	1.60	2.00	20.57	ppb
Barium	135-1	20.24	20.45	20.67	20.45	1.05	ppb
Barium	137-1	19.95	20.37	20.57	20.30	1.58	ppb
Beryllium	9-1	0.11	0.12	0.05	0.09	40.37	ppb
Bismuth	209-1				105		%
Bismuth	209-2				91		%
Boron	10-1	83.69	84.73	87.24	85.22	2.14	ppb
Boron	11-1	83.40	84.33	87.33	85.02	2.42	ppb
Cadmium	111-1	-0.20	-0.22	-0.20	-0.21		ppb
Cadmium	106-1	-2.75	-3.14	-2.79	-2.89		ppb
Cadmium	108-1	0.06	-0.05	0.06	0.02	284.14	ppb
Calcium	43-1	21752.78	21388.19	21847.57	21662.84	1.12	ppb
Calcium	44-1	21762.52	21641.16	21918.37	21774.02	0.64	ppb
Chromium	52-2	0.55	0.16	0.26	0.32	63.17	ppb
Cobalt	59-2	0.10	0.08	0.05	0.08	29.41	ppb
Copper	63-2	1.71	1.41	1.31	1.48	14.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				91		%
Indium	115-1				98		%
Indium	115-2				84		%
Iron	56-2	588.59	504.52	487.90	527.00	10.24	ppb
Iron	57-2	557.90	500.68	484.94	514.51	7.46	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.08	0.08	4.60	ppb
Lead	207-1	0.07	0.06	0.08	0.07	14.82	ppb
Lead	208-1	0.07	0.07	0.07	0.07	1.36	ppb
Lithium	6-1				105		%
Magnesium	24-2	6836.39	5827.31	5649.61	6104.44	10.49	ppb

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-02LX5 Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815L Dilution Factor : 5
 Date & Time Acquired :: 2018-08-21 16:50:07 DataFile Name : 032SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	68.05	59.43	56.81	61.43	9.57	ppb
Molybdenum	94-1	0.30	0.30	0.28	0.30	4.93	ppb
Molybdenum	95-1	0.32	0.32	0.33	0.32	2.53	ppb
Molybdenum	96-1	0.32	0.32	0.37	0.34	8.50	ppb
Molybdenum	97-1	0.32	0.34	0.30	0.32	5.86	ppb
Molybdenum	98-1	0.37	0.32	0.32	0.34	7.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.55	0.80	0.76	25.36	ppb
Phosphorus	31-2	75.45	-27.54	1.26	16.39	324.19	ppb
Potassium	39-2	636.55	413.28	444.79	498.20	24.26	ppb
Rhodium	103-1				96		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				76		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	0.47	-0.62	-0.25		ppb
Selenium	82-1	0.63	-0.21	0.74	0.39	134.58	ppb
Silicon	28-1	2132.72	2082.34	2137.70	2117.59	1.45	ppb
Silver	109-1	0.13	0.09	0.11	0.11	15.27	ppb
Silver	107-1	0.10	0.11	0.13	0.11	12.80	ppb
Sodium	23-2	13855.17	11674.39	11521.92	12350.49	10.57	ppb
Strontium	86-1	146.29	145.88	147.31	146.49	0.50	ppb
Strontium	88-1	152.15	152.18	153.75	152.69	0.60	ppb
Sulfur	34-1	283.47	107.50	437.68	276.22	59.81	ppb
Terbium	159-1				103		%
Terbium	159-2				90		%
Thallium	203-1	0.02	0.02	0.02	0.02	16.07	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	19.48	ppb
Tin	118-1	0.18	0.18	0.20	0.19	5.49	ppb
Titanium	47-1	0.21	0.20	0.29	0.23	20.55	ppb
Uranium	238-1	1.27	1.30	1.24	1.27	2.21	ppb
Vanadium	51-2	0.14	0.07	0.05	0.08	54.83	ppb
Yttrium	89-1				96		%
Yttrium	89-2				82		%
Zinc	66-2	10.43	8.98	6.82	8.74	20.78	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02LX5	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815L	Dilution Factor :	5
Date & Time Acquired ::	2018-08-21 16:50:07	DataFile Name :	032SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.02	31.85	ppb
Zirconium	91-1	0.03	0.03	0.06	0.04	40.32	ppb

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-03 Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815M9 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:53:27 DataFile Name : 033SMPL_P8082118- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9645.37	9627.26	9447.88	9573.50	1.14	ppb
Antimony	121-1	484.97	482.58	483.59	483.71	0.25	ppb
Arsenic	75-2	501.78	505.74	502.02	503.18	0.44	ppb
Barium	135-1	2535.91	2533.51	2568.18	2545.87	0.76	ppb
Barium	137-1	2504.58	2505.45	2498.42	2502.81	0.15	ppb
Beryllium	9-1	336.47	334.20	329.25	333.31	1.11	ppb
Bismuth	209-1				96		%
Bismuth	209-2				80		%
Boron	10-1	618.02	618.27	614.02	616.77	0.39	ppb
Boron	11-1	603.85	617.73	617.91	613.16	1.32	ppb
Cadmium	111-1	459.13	462.75	467.21	463.03	0.87	ppb
Cadmium	106-1	457.96	456.00	460.41	458.12	0.48	ppb
Cadmium	108-1	457.21	463.93	456.04	459.06	0.93	ppb
Calcium	43-1	167015.72	164378.72	168553.64	166649.36	1.27	ppb
Calcium	44-1	162255.62	162694.53	165011.18	163320.44	0.91	ppb
Chromium	52-2	518.95	521.99	522.68	521.21	0.38	ppb
Cobalt	59-2	535.41	536.94	532.99	535.11	0.37	ppb
Copper	63-2	1081.35	1083.36	1070.63	1078.45	0.63	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				95		%
Holmium	165-2				84		%
Indium	115-1				85		%
Indium	115-2				71		%
Iron	56-2	29822.23	29585.83	29079.45	29495.84	1.29	ppb
Iron	57-2	28635.13	28589.38	28504.05	28576.19	0.23	ppb
Krypton	83-1						cps
Lead	206-1	497.65	502.35	507.77	502.59	1.01	ppb
Lead	207-1	474.26	474.12	489.10	479.16	1.80	ppb
Lead	208-1	487.29	488.79	499.40	491.82	1.34	ppb
Lithium	6-1				113		%
Magnesium	24-2	84249.39	83599.23	82396.63	83415.08	1.13	ppb

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-03 Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815M9 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:53:27 DataFile Name : 033SMPL_P8082118- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1303.79	1293.51	1280.11	1292.47	0.92	ppb
Molybdenum	94-1	2507.31	2484.02	2522.71	2504.68	0.78	ppb
Molybdenum	95-1	2499.66	2457.03	2515.30	2490.67	1.21	ppb
Molybdenum	96-1	2503.44	2495.14	2492.29	2496.96	0.23	ppb
Molybdenum	97-1	2558.23	2525.97	2526.56	2536.92	0.73	ppb
Molybdenum	98-1	2515.61	2470.76	2498.24	2494.87	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	546.21	548.07	540.15	544.81	0.76	ppb
Phosphorus	31-2	115.97	224.07	79.30	139.78	53.84	ppb
Potassium	39-2	26396.40	26325.45	25880.17	26200.67	1.07	ppb
Rhodium	103-1				82		%
Rhodium	103-2				75		%
Scandium	45-1				77		%
Scandium	45-2				65		%
Selenium	77-2	405.31	431.37	572.38	469.69	19.14	ppb
Selenium	78-2	516.31	481.92	456.65	484.96	6.18	ppb
Selenium	82-1	484.43	488.40	493.03	488.62	0.88	ppb
Silicon	28-1	11611.24	11583.72	11694.77	11629.91	0.50	ppb
Silver	109-1	472.38	470.32	474.51	472.40	0.44	ppb
Silver	107-1	466.58	474.33	468.17	469.69	0.87	ppb
Sodium	23-2	117230.98	117820.31	115349.00	116800.10	1.11	ppb
Strontium	86-1	1307.15	1303.76	1330.13	1313.68	1.09	ppb
Strontium	88-1	1311.84	1319.35	1325.07	1318.75	0.50	ppb
Sulfur	34-1	4496.87	4555.64	4450.57	4501.03	1.17	ppb
Terbium	159-1				94		%
Terbium	159-2				83		%
Thallium	203-1	501.14	504.55	516.42	507.37	1.58	ppb
Thallium	205-1	496.21	502.54	508.77	502.51	1.25	ppb
Tin	118-1	452.71	462.33	461.76	458.93	1.18	ppb
Titanium	47-1	2423.16	2442.76	2438.35	2434.75	0.42	ppb
Uranium	238-1	508.17	510.27	517.47	511.97	0.95	ppb
Vanadium	51-2	522.59	519.32	514.49	518.80	0.79	ppb
Yttrium	89-1				84		%
Yttrium	89-2				70		%
Zinc	66-2	1021.75	1017.52	1007.93	1015.73	0.70	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-03	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815M	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:53:27	DataFile Name :	033SMPL_P8082118- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.63	496.07	504.44	500.05	0.84	ppb
Zirconium	91-1	488.10	485.42	496.49	490.00	1.18	ppb

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-04 Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815M9 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:56:41 DataFile Name : 034SMPL_P8082118- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9104.40	9076.63	9238.55	9139.86	0.95	ppb
Antimony	121-1	472.43	473.36	471.88	472.56	0.16	ppb
Arsenic	75-2	482.95	479.32	489.09	483.79	1.02	ppb
Barium	135-1	2461.26	2481.37	2475.47	2472.70	0.42	ppb
Barium	137-1	2448.39	2458.71	2436.20	2447.77	0.46	ppb
Beryllium	9-1	330.03	324.85	324.35	326.41	0.96	ppb
Bismuth	209-1				96		%
Bismuth	209-2				79		%
Boron	10-1	608.93	608.60	622.86	613.47	1.33	ppb
Boron	11-1	596.90	604.25	613.05	604.73	1.34	ppb
Cadmium	111-1	449.07	456.02	452.26	452.45	0.77	ppb
Cadmium	106-1	437.61	452.78	446.64	445.68	1.71	ppb
Cadmium	108-1	451.10	451.58	444.49	449.06	0.88	ppb
Calcium	43-1	158550.93	162298.46	161139.94	160663.11	1.19	ppb
Calcium	44-1	157749.62	158108.23	158529.74	158129.20	0.25	ppb
Chromium	52-2	500.28	505.08	504.32	503.23	0.51	ppb
Cobalt	59-2	516.80	517.64	518.41	517.61	0.16	ppb
Copper	63-2	1043.86	1044.71	1051.36	1046.64	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				83		%
Indium	115-1				85		%
Indium	115-2				71		%
Iron	56-2	28681.52	28486.95	28456.14	28541.54	0.43	ppb
Iron	57-2	27904.90	27739.29	27702.57	27782.25	0.39	ppb
Krypton	83-1						cps
Lead	206-1	494.48	493.80	493.17	493.82	0.13	ppb
Lead	207-1	474.90	474.22	476.79	475.30	0.28	ppb
Lead	208-1	481.38	487.25	485.00	484.54	0.61	ppb
Lithium	6-1				112		%
Magnesium	24-2	80319.99	80074.21	79127.45	79840.55	0.79	ppb

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-04 Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815M9 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:56:41 DataFile Name : 034SMPL_P8082118- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1244.34	1242.12	1233.84	1240.10	0.45	ppb
Molybdenum	94-1	2444.10	2431.57	2431.34	2435.67	0.30	ppb
Molybdenum	95-1	2428.73	2408.14	2396.68	2411.18	0.67	ppb
Molybdenum	96-1	2437.43	2424.80	2421.79	2428.01	0.34	ppb
Molybdenum	97-1	2452.52	2441.13	2434.49	2442.71	0.37	ppb
Molybdenum	98-1	2455.00	2426.10	2397.60	2426.23	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.39	527.13	529.55	528.69	0.26	ppb
Phosphorus	31-2	115.05	43.62	115.99	91.55	45.35	ppb
Potassium	39-2	25370.57	25334.60	25099.87	25268.34	0.58	ppb
Rhodium	103-1				83		%
Rhodium	103-2				75		%
Scandium	45-1				77		%
Scandium	45-2				66		%
Selenium	77-2	491.65	418.39	503.68	471.24	9.80	ppb
Selenium	78-2	510.16	467.38	461.16	479.57	5.56	ppb
Selenium	82-1	480.27	471.90	475.82	476.00	0.88	ppb
Silicon	28-1	11002.52	11199.64	11216.66	11139.61	1.07	ppb
Silver	109-1	457.34	460.15	456.06	457.85	0.46	ppb
Silver	107-1	453.99	461.84	455.89	457.24	0.90	ppb
Sodium	23-2	111997.39	110577.71	111245.81	111273.64	0.64	ppb
Strontium	86-1	1261.45	1266.73	1264.30	1264.16	0.21	ppb
Strontium	88-1	1263.26	1270.30	1266.22	1266.59	0.28	ppb
Sulfur	34-1	4008.33	4006.97	3862.20	3959.17	2.12	ppb
Terbium	159-1				94		%
Terbium	159-2				83		%
Thallium	203-1	494.13	501.29	501.55	498.99	0.84	ppb
Thallium	205-1	489.66	493.93	495.65	493.08	0.63	ppb
Tin	118-1	443.03	447.98	449.64	446.88	0.77	ppb
Titanium	47-1	2338.72	2385.34	2387.40	2370.49	1.16	ppb
Uranium	238-1	502.06	509.61	509.95	507.21	0.88	ppb
Vanadium	51-2	500.98	501.80	500.76	501.18	0.11	ppb
Yttrium	89-1				84		%
Yttrium	89-2				70		%
Zinc	66-2	969.86	990.39	987.89	982.72	1.14	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-04	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815M	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:56:41	DataFile Name :	034SMPL_P8082118- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	486.81	487.84	485.37	486.67	0.26	ppb
Zirconium	91-1	475.37	477.57	478.35	477.10	0.32	ppb

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-02A Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815A Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:59:55 DataFile Name : 035SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9306.83	9808.61	9186.19	9433.88	3.50	ppb
Antimony	121-1	474.97	475.02	475.52	475.17	0.06	ppb
Arsenic	75-2	487.52	507.94	480.70	492.05	2.88	ppb
Barium	135-1	2507.67	2513.54	2470.83	2497.35	0.93	ppb
Barium	137-1	2469.82	2480.93	2439.07	2463.27	0.88	ppb
Beryllium	9-1	335.88	335.66	327.12	332.89	1.50	ppb
Bismuth	209-1				96		%
Bismuth	209-2				79		%
Boron	10-1	625.09	629.73	627.59	627.47	0.37	ppb
Boron	11-1	613.10	628.91	626.62	622.88	1.37	ppb
Cadmium	111-1	455.39	455.65	453.03	454.69	0.32	ppb
Cadmium	106-1	438.09	451.91	433.43	441.14	2.18	ppb
Cadmium	108-1	448.98	459.65	443.72	450.79	1.80	ppb
Calcium	43-1	165216.84	163083.96	164895.80	164398.87	0.70	ppb
Calcium	44-1	163213.18	161058.91	160615.86	161629.32	0.86	ppb
Chromium	52-2	511.61	537.15	508.70	519.15	3.02	ppb
Cobalt	59-2	526.19	549.12	519.42	531.58	2.93	ppb
Copper	63-2	1062.93	1119.98	1047.64	1076.85	3.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				83		%
Indium	115-1				86		%
Indium	115-2				70		%
Iron	56-2	28875.77	30307.34	28468.38	29217.16	3.31	ppb
Iron	57-2	27932.02	29568.37	27708.04	28402.81	3.58	ppb
Krypton	83-1						cps
Lead	206-1	504.08	508.16	495.32	502.52	1.31	ppb
Lead	207-1	480.35	482.82	484.25	482.47	0.41	ppb
Lead	208-1	492.36	492.83	490.51	491.90	0.25	ppb
Lithium	6-1				111		%
Magnesium	24-2	80092.53	86157.66	81123.64	82457.94	3.94	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02A	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:59:55	DataFile Name :	035SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1256.97	1327.39	1240.12	1274.83	3.63	ppb
Molybdenum	94-1	2487.68	2423.59	2452.45	2454.57	1.31	ppb
Molybdenum	95-1	2437.99	2425.16	2443.34	2435.50	0.38	ppb
Molybdenum	96-1	2453.39	2428.66	2470.22	2450.76	0.85	ppb
Molybdenum	97-1	2474.82	2487.73	2485.21	2482.59	0.28	ppb
Molybdenum	98-1	2443.13	2451.26	2464.53	2452.97	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.57	565.55	525.26	541.13	3.97	ppb
Phosphorus	31-2	115.12	123.76	79.10	105.99	22.35	ppb
Potassium	39-2	25503.66	26682.16	24990.61	25725.48	3.37	ppb
Rhodium	103-1				83		%
Rhodium	103-2				75		%
Scandium	45-1				76		%
Scandium	45-2				64		%
Selenium	77-2	523.10	416.03	393.56	444.23	15.58	ppb
Selenium	78-2	474.37	519.09	418.52	470.66	10.71	ppb
Selenium	82-1	479.04	475.55	481.54	478.71	0.63	ppb
Silicon	28-1	11584.29	11328.16	11316.06	11409.50	1.33	ppb
Silver	109-1	464.73	462.96	458.87	462.19	0.65	ppb
Silver	107-1	460.05	465.01	458.82	461.29	0.71	ppb
Sodium	23-2	113078.16	120762.15	111745.10	115195.14	4.23	ppb
Strontium	86-1	1283.00	1284.15	1298.94	1288.69	0.69	ppb
Strontium	88-1	1280.52	1283.29	1286.66	1283.49	0.24	ppb
Sulfur	34-1	4238.30	4008.53	3895.67	4047.50	4.31	ppb
Terbium	159-1				95		%
Terbium	159-2				83		%
Thallium	203-1	507.14	509.31	503.51	506.65	0.58	ppb
Thallium	205-1	505.24	503.69	501.99	503.64	0.32	ppb
Tin	118-1	450.91	453.04	448.19	450.71	0.54	ppb
Titanium	47-1	2424.25	2383.71	2395.71	2401.23	0.87	ppb
Uranium	238-1	514.23	521.67	514.32	516.74	0.83	ppb
Vanadium	51-2	508.03	530.70	500.38	513.03	3.07	ppb
Yttrium	89-1				85		%
Yttrium	89-2				70		%
Zinc	66-2	991.43	1037.87	982.41	1003.90	2.96	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02A	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:59:55	DataFile Name :	035SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.03	492.45	486.51	490.33	0.68	ppb
Zirconium	91-1	481.62	482.11	483.00	482.24	0.15	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-05	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:03:42	DataFile Name :	036SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.82	-1.51	2.17	2.16	169.51	ppb
Antimony	121-1	1.84	1.84	1.89	1.85	1.70	ppb
Arsenic	75-2	111.90	108.53	108.74	109.72	1.72	ppb
Barium	135-1	108.33	106.50	104.68	106.50	1.71	ppb
Barium	137-1	110.24	106.83	105.99	107.69	2.09	ppb
Beryllium	9-1	0.29	0.27	0.24	0.26	9.87	ppb
Bismuth	209-1				99		%
Bismuth	209-2				81		%
Boron	10-1	171.08	169.66	168.35	169.69	0.80	ppb
Boron	11-1	164.59	166.09	163.69	164.79	0.73	ppb
Cadmium	111-1	-0.14	-0.10	-0.21	-0.15		ppb
Cadmium	106-1	-3.03	-2.10	-3.44	-2.86		ppb
Cadmium	108-1	0.07	-0.05	0.15	0.06	170.11	ppb
Calcium	43-1	96635.43	95490.40	95371.28	95832.37	0.73	ppb
Calcium	44-1	95349.67	94929.85	92881.64	94387.06	1.40	ppb
Chromium	52-2	0.92	1.05	0.80	0.92	13.59	ppb
Cobalt	59-2	0.43	0.47	0.47	0.45	5.52	ppb
Copper	63-2	5.45	5.66	5.44	5.52	2.26	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				96		%
Holmium	165-2				82		%
Indium	115-1				88		%
Indium	115-2				71		%
Iron	56-2	9878.87	9827.87	9824.48	9843.74	0.31	ppb
Iron	57-2	9535.98	9389.18	9460.70	9461.95	0.78	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.13	0.11	11.81	ppb
Lead	207-1	0.12	0.09	0.10	0.10	14.73	ppb
Lead	208-1	0.11	0.10	0.11	0.11	2.05	ppb
Lithium	6-1				110		%
Magnesium	24-2	13037.24	12907.69	12840.62	12928.52	0.77	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-05	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:03:42	DataFile Name :	036SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	731.72	724.34	737.10	731.05	0.88	ppb
Molybdenum	94-1	2.73	2.54	2.37	2.55	7.12	ppb
Molybdenum	95-1	2.61	2.64	2.74	2.66	2.55	ppb
Molybdenum	96-1	2.78	3.03	2.73	2.84	5.62	ppb
Molybdenum	97-1	2.51	2.74	2.73	2.66	4.80	ppb
Molybdenum	98-1	2.77	2.84	2.68	2.76	2.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.53	0.79	0.75	27.53	ppb
Phosphorus	31-2	521.99	407.67	596.34	508.67	18.68	ppb
Potassium	39-2	2611.36	2676.72	2527.00	2605.03	2.88	ppb
Rhodium	103-1				83		%
Rhodium	103-2				75		%
Scandium	45-1				76		%
Scandium	45-2				64		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.72	0.74	-0.62	0.28	276.76	ppb
Selenium	82-1	1.07	0.63	0.84	0.85	25.91	ppb
Silicon	28-1	13165.67	13122.72	12974.76	13087.72	0.77	ppb
Silver	109-1	0.14	0.13	0.12	0.13	8.64	ppb
Silver	107-1	0.13	0.14	0.12	0.13	5.91	ppb
Sodium	23-2	40725.62	40344.44	40656.88	40575.65	0.50	ppb
Strontium	86-1	486.86	488.30	485.42	486.86	0.30	ppb
Strontium	88-1	502.15	499.95	494.63	498.91	0.78	ppb
Sulfur	34-1	5381.66	5154.78	4959.89	5165.44	4.09	ppb
Terbium	159-1				95		%
Terbium	159-2				82		%
Thallium	203-1	0.18	0.17	0.12	0.16	19.84	ppb
Thallium	205-1	0.18	0.16	0.16	0.17	4.48	ppb
Tin	118-1	5.65	5.29	5.32	5.42	3.67	ppb
Titanium	47-1	1.42	1.36	1.46	1.41	3.54	ppb
Uranium	238-1	0.02	0.03	0.02	0.03	14.59	ppb
Vanadium	51-2	0.20	0.23	0.31	0.25	24.55	ppb
Yttrium	89-1				84		%
Yttrium	89-2				69		%
Zinc	66-2	11.52	12.72	13.58	12.60	8.19	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-05	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:03:42	DataFile Name :	036SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.54	0.45	0.38	0.46	17.54	ppb
Zirconium	91-1	0.55	0.56	0.41	0.51	16.90	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:18:03	DataFile Name :	037CCV_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54034.40	53735.06	54025.49	53931.65	0.32	ppb
Antimony	121-1	497.87	505.04	500.75	501.22	0.72	ppb
Arsenic	75-2	499.08	500.97	510.98	503.68	1.27	ppb
Barium	135-1	2551.85	2581.02	2551.47	2561.45	0.66	ppb
Barium	137-1	2549.66	2540.92	2514.00	2534.86	0.73	ppb
Beryllium	9-1	515.17	512.65	510.84	512.89	0.42	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	505.99	516.42	530.94	517.78	2.42	ppb
Boron	11-1	512.52	520.26	525.38	519.38	1.25	ppb
Cadmium	111-1	483.69	491.36	493.23	489.43	1.03	ppb
Cadmium	106-1	483.35	488.48	486.53	486.12	0.53	ppb
Cadmium	108-1	487.13	498.60	491.43	492.39	1.18	ppb
Calcium	43-1	233599.60	234399.63	232930.27	233643.17	0.31	ppb
Calcium	44-1	232997.22	233552.82	232086.25	232878.76	0.32	ppb
Chromium	52-2	529.74	525.40	533.38	529.51	0.75	ppb
Cobalt	59-2	512.50	507.34	517.44	512.43	0.99	ppb
Copper	63-2	993.49	981.52	998.54	991.18	0.88	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				98		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	56-2	133734.10	131878.05	134353.04	133321.73	0.97	ppb
Iron	57-2	129762.80	128168.08	129717.94	129216.27	0.70	ppb
Krypton	83-1						cps
Lead	206-1	522.05	521.62	522.20	521.96	0.06	ppb
Lead	207-1	521.29	513.75	511.79	515.61	0.97	ppb
Lead	208-1	515.93	516.12	516.75	516.27	0.08	ppb
Lithium	6-1				89		%
Magnesium	24-2	254364.30	251498.12	249636.47	251832.97	0.95	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:18:03	DataFile Name :	037CCV_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1025.79	1013.64	1013.16	1017.53	0.70	ppb
Molybdenum	94-1	2563.59	2603.33	2535.18	2567.37	1.33	ppb
Molybdenum	95-1	2547.40	2566.82	2556.85	2557.02	0.38	ppb
Molybdenum	96-1	2560.46	2578.96	2536.41	2558.61	0.83	ppb
Molybdenum	97-1	2584.33	2614.38	2565.63	2588.11	0.95	ppb
Molybdenum	98-1	2563.21	2567.90	2556.44	2562.52	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.04	511.30	520.83	516.06	0.92	ppb
Phosphorus	31-2	10723.32	10358.94	9778.85	10287.04	4.63	ppb
Potassium	39-2	129706.46	128201.60	129331.84	129079.97	0.61	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				84		%
Selenium	77-2	450.50	605.94	552.38	536.27	14.72	ppb
Selenium	78-2	452.70	516.88	479.11	482.90	6.68	ppb
Selenium	82-1	493.85	498.34	496.60	496.27	0.46	ppb
Silicon	28-1	544.83	551.71	543.74	546.76	0.79	ppb
Silver	109-1	496.04	498.31	502.04	498.80	0.61	ppb
Silver	107-1	501.13	497.72	502.62	500.49	0.50	ppb
Sodium	23-2	260405.31	256754.91	262212.89	259791.04	1.07	ppb
Strontium	86-1	501.99	499.67	496.65	499.44	0.54	ppb
Strontium	88-1	512.39	512.04	506.18	510.20	0.68	ppb
Sulfur	34-1	10143.18	10220.62	9952.64	10105.48	1.36	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	519.35	520.56	517.17	519.03	0.33	ppb
Thallium	205-1	516.28	519.02	512.32	515.87	0.65	ppb
Tin	118-1	507.71	510.67	511.69	510.02	0.41	ppb
Titanium	47-1	2546.19	2575.39	2550.41	2557.33	0.62	ppb
Uranium	238-1	519.68	515.60	523.86	519.71	0.79	ppb
Vanadium	51-2	514.71	513.60	514.29	514.20	0.11	ppb
Yttrium	89-1				92		%
Yttrium	89-2				86		%
Zinc	66-2	993.80	1000.80	1001.10	998.57	0.41	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:18:03	DataFile Name :	037CCV_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	513.88	512.00	508.85	511.57	0.50	ppb
Zirconium	91-1	502.72	506.11	497.79	502.21	0.83	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:25:07	DataFile Name :	038CCBE_P8082118- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.79	1.75	0.25	1.26	69.47	ppb
Antimony	121-1	0.25	0.28	0.31	0.28	9.57	ppb
Arsenic	75-2	0.03	0.01	0.01	0.02	73.38	ppb
Barium	135-1	0.02	0.01	0.00	0.01	107.63	ppb
Barium	137-1	0.03	0.03	0.03	0.03	5.15	ppb
Beryllium	9-1	0.27	0.25	0.18	0.23	18.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	14.86	11.78	12.83	13.16	11.92	ppb
Boron	11-1	13.22	12.66	11.98	12.62	4.95	ppb
Cadmium	111-1	-0.15	-0.14	-0.19	-0.16		ppb
Cadmium	106-1	-2.25	-2.30	-2.84	-2.46		ppb
Cadmium	108-1	0.11	0.06	0.06	0.08	35.54	ppb
Calcium	43-1	1.45	2.82	-2.59	0.56	501.19	ppb
Calcium	44-1	8.54	5.59	6.39	6.84	22.34	ppb
Chromium	52-2	-0.01	-0.02	0.06	0.01	381.38	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00		ppb
Copper	63-2	0.04	0.15	0.12	0.10	57.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	0.80	1.36	1.05	1.07	26.32	ppb
Iron	57-2	3.89	2.80	3.96	3.55	18.31	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.01	0.02	41.23	ppb
Lead	207-1	0.02	0.01	0.01	0.01	25.09	ppb
Lead	208-1	0.01	0.02	0.01	0.01	17.25	ppb
Lithium	6-1				94		%
Magnesium	24-2	1.21	-0.35	1.40	0.76	126.75	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:25:07	DataFile Name :	038CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.42	-0.46	-0.36	-0.42		ppb
Molybdenum	94-1	0.37	0.30	0.28	0.31	14.43	ppb
Molybdenum	95-1	0.25	0.26	0.25	0.25	2.07	ppb
Molybdenum	96-1	0.34	0.29	0.22	0.29	20.46	ppb
Molybdenum	97-1	0.32	0.24	0.23	0.26	18.17	ppb
Molybdenum	98-1	0.31	0.26	0.25	0.27	12.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.32	0.23	0.34	34.47	ppb
Phosphorus	31-2	-27.54	-27.54	-0.78	-18.62		ppb
Potassium	39-2	26.07	0.27	5.60	10.65	127.96	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.40	1.38	1.42	1.40	1.38	ppb
Selenium	82-1	-1.08	-0.45	-0.35	-0.63		ppb
Silicon	28-1	-1.15	-9.23	-8.06	-6.15		ppb
Silver	109-1	0.04	0.07	0.06	0.06	24.21	ppb
Silver	107-1	0.06	0.08	0.04	0.06	26.35	ppb
Sodium	23-2	27.76	23.58	32.83	28.06	16.51	ppb
Strontium	86-1	0.07	0.05	-0.01	0.03	118.71	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	17.42	ppb
Sulfur	34-1	293.59	-775.72	-530.69	-337.60		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.07	0.06	0.07	0.07	5.86	ppb
Thallium	205-1	0.08	0.06	0.06	0.07	18.03	ppb
Tin	118-1	0.08	0.08	0.07	0.08	12.28	ppb
Titanium	47-1	0.01	0.01	-0.04	-0.01		ppb
Uranium	238-1	0.01	0.01	0.00	0.00	13.15	ppb
Vanadium	51-2	0.05	-0.01	0.01	0.01	222.45	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	0.64	0.84	0.92	0.80	17.90	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:25:07	DataFile Name :	038CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.04	0.03	0.04	33.76	ppb
Zirconium	91-1	0.02	0.05	0.04	0.03	42.22	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-06	Instrumnet Name :	P8
Client Sample ID :	KY070MW236-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:28:29	DataFile Name :	039SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	133.82	122.31	119.79	125.31	5.97	ppb
Antimony	121-1	1.56	1.61	1.54	1.57	2.46	ppb
Arsenic	75-2	15.73	13.70	15.53	14.99	7.47	ppb
Barium	135-1	124.90	126.94	124.03	125.29	1.19	ppb
Barium	137-1	123.80	126.38	125.07	125.08	1.03	ppb
Beryllium	9-1	0.27	0.23	0.20	0.24	14.66	ppb
Bismuth	209-1				99		%
Bismuth	209-2				80		%
Boron	10-1	304.52	299.18	300.31	301.33	0.93	ppb
Boron	11-1	304.69	297.33	300.25	300.76	1.23	ppb
Cadmium	111-1	0.12	0.15	0.09	0.12	25.34	ppb
Cadmium	106-1	-2.48	-1.66	-2.38	-2.17		ppb
Cadmium	108-1	0.43	0.27	0.50	0.40	29.43	ppb
Calcium	43-1	156026.51	158312.14	156220.42	156853.02	0.81	ppb
Calcium	44-1	153547.37	155346.65	155518.47	154804.17	0.71	ppb
Chromium	52-2	20.91	20.96	20.60	20.82	0.92	ppb
Cobalt	59-2	2.75	2.71	2.80	2.75	1.66	ppb
Copper	63-2	12.14	12.06	12.51	12.24	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				83		%
Indium	115-1				88		%
Indium	115-2				72		%
Iron	56-2	5618.96	5555.70	5553.49	5576.05	0.67	ppb
Iron	57-2	5450.90	5342.36	5334.86	5376.04	1.21	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.94	0.88	0.93	5.03	ppb
Lead	207-1	0.83	0.86	0.90	0.86	4.10	ppb
Lead	208-1	0.90	0.90	0.90	0.90	0.26	ppb
Lithium	6-1				108		%
Magnesium	24-2	26960.46	26839.89	26677.96	26826.10	0.53	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-06	Instrumnet Name :	P8
Client Sample ID :	KY070MW236-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:28:29	DataFile Name :	039SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	373.52	376.00	372.63	374.05	0.47	ppb
Molybdenum	94-1	4.38	4.10	3.54	4.01	10.65	ppb
Molybdenum	95-1	2.17	2.10	2.00	2.09	4.28	ppb
Molybdenum	96-1	2.48	2.30	2.19	2.33	6.28	ppb
Molybdenum	97-1	2.16	2.17	2.18	2.17	0.55	ppb
Molybdenum	98-1	2.30	2.26	2.25	2.27	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.28	19.52	18.31	19.04	3.35	ppb
Phosphorus	31-2	611.58	441.36	580.28	544.41	16.64	ppb
Potassium	39-2	2579.45	2601.60	2620.00	2600.35	0.78	ppb
Rhodium	103-1				84		%
Rhodium	103-2				76		%
Scandium	45-1				78		%
Scandium	45-2				65		%
Selenium	77-2	0.00	0.00	8.27	2.76	173.21	ppb
Selenium	78-2	3.36	-0.62	-0.62	0.71	324.13	ppb
Selenium	82-1	4.25	5.06	5.33	4.88	11.49	ppb
Silicon	28-1	10312.69	10512.16	10375.25	10400.03	0.98	ppb
Silver	109-1	0.49	0.42	0.40	0.43	11.49	ppb
Silver	107-1	0.47	0.44	0.39	0.43	9.48	ppb
Sodium	23-2	55085.82	54924.52	53751.56	54587.30	1.33	ppb
Strontium	86-1	757.27	766.41	772.07	765.25	0.98	ppb
Strontium	88-1	775.66	789.07	790.87	785.20	1.06	ppb
Sulfur	34-1	2627.45	2721.93	2479.27	2609.55	4.69	ppb
Terbium	159-1				94		%
Terbium	159-2				82		%
Thallium	203-1	0.25	0.18	0.15	0.19	24.83	ppb
Thallium	205-1	0.22	0.21	0.16	0.20	15.05	ppb
Tin	118-1	5.37	5.17	4.83	5.12	5.31	ppb
Titanium	47-1	3.67	3.86	3.97	3.83	3.98	ppb
Uranium	238-1	0.59	0.64	0.62	0.62	3.54	ppb
Vanadium	51-2	4.19	4.42	3.84	4.15	7.12	ppb
Yttrium	89-1				85		%
Yttrium	89-2				70		%
Zinc	66-2	396.29	412.43	403.22	403.98	2.00	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-06	Instrumnet Name :	P8
Client Sample ID :	KY070MW236-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:28:29	DataFile Name :	039SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.66	1.47	1.50	1.55	6.65	ppb
Zirconium	91-1	2.11	1.57	1.29	1.66	25.07	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-07	Instrumnet Name :	P8
Client Sample ID :	DUP-0496-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:31:49	DataFile Name :	040SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.91	5.65	5.81	5.79	2.23	ppb
Antimony	121-1	1.47	1.48	1.67	1.54	7.61	ppb
Arsenic	75-2	116.02	117.31	114.39	115.91	1.26	ppb
Barium	135-1	107.35	107.82	108.62	107.93	0.60	ppb
Barium	137-1	109.05	107.99	108.79	108.61	0.51	ppb
Beryllium	9-1	0.12	0.14	0.06	0.11	35.00	ppb
Bismuth	209-1				98		%
Bismuth	209-2				80		%
Boron	10-1	155.91	150.58	154.26	153.58	1.78	ppb
Boron	11-1	154.69	154.43	154.63	154.58	0.09	ppb
Cadmium	111-1	-0.20	-0.25	-0.20	-0.22		ppb
Cadmium	106-1	-2.95	-3.61	-2.92	-3.16		ppb
Cadmium	108-1	0.23	0.19	0.19	0.20	11.92	ppb
Calcium	43-1	96716.69	96045.97	97745.26	96835.98	0.88	ppb
Calcium	44-1	95311.42	94843.70	95452.24	95202.45	0.33	ppb
Chromium	52-2	0.99	1.30	1.05	1.11	14.35	ppb
Cobalt	59-2	0.52	0.41	0.47	0.47	11.57	ppb
Copper	63-2	5.24	5.38	5.34	5.32	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				81		%
Indium	115-1				87		%
Indium	115-2				71		%
Iron	56-2	10118.91	9801.12	10036.30	9985.44	1.65	ppb
Iron	57-2	9631.36	9248.05	9632.38	9503.93	2.33	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.11	0.10	0.10	6.29	ppb
Lead	207-1	0.10	0.09	0.08	0.09	7.01	ppb
Lead	208-1	0.09	0.10	0.10	0.10	6.13	ppb
Lithium	6-1				109		%
Magnesium	24-2	13413.99	12872.51	13249.91	13178.80	2.11	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-07	Instrumnet Name :	P8
Client Sample ID :	DUP-0496-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:31:49	DataFile Name :	040SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	743.95	719.61	738.53	734.03	1.74	ppb
Molybdenum	94-1	2.19	2.13	2.38	2.23	5.98	ppb
Molybdenum	95-1	2.43	2.45	2.39	2.42	1.33	ppb
Molybdenum	96-1	2.39	2.40	2.39	2.39	0.26	ppb
Molybdenum	97-1	2.26	2.74	2.48	2.49	9.63	ppb
Molybdenum	98-1	2.40	2.45	2.51	2.45	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.46	0.97	0.65	42.03	ppb
Phosphorus	31-2	490.61	403.78	484.81	459.74	10.56	ppb
Potassium	39-2	2722.02	2544.26	2614.50	2626.93	3.41	ppb
Rhodium	103-1				83		%
Rhodium	103-2				75		%
Scandium	45-1				77		%
Scandium	45-2				64		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	-0.62	2.09	0.28	549.38	ppb
Selenium	82-1	0.11	0.80	1.63	0.85	90.35	ppb
Silicon	28-1	13203.27	13219.40	13288.16	13236.94	0.34	ppb
Silver	109-1	0.15	0.12	0.17	0.15	17.56	ppb
Silver	107-1	0.17	0.15	0.16	0.16	4.09	ppb
Sodium	23-2	41788.37	40275.92	41211.55	41091.95	1.86	ppb
Strontium	86-1	492.97	493.65	493.39	493.34	0.07	ppb
Strontium	88-1	503.95	508.67	506.17	506.26	0.47	ppb
Sulfur	34-1	5377.40	5253.88	5369.68	5333.65	1.30	ppb
Terbium	159-1				94		%
Terbium	159-2				82		%
Thallium	203-1	0.07	0.09	0.07	0.08	11.89	ppb
Thallium	205-1	0.06	0.08	0.07	0.07	10.96	ppb
Tin	118-1	3.89	3.88	3.98	3.92	1.42	ppb
Titanium	47-1	1.79	1.52	1.36	1.56	14.15	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.91	ppb
Vanadium	51-2	0.18	0.16	0.22	0.19	14.58	ppb
Yttrium	89-1				84		%
Yttrium	89-2				68		%
Zinc	66-2	11.78	11.66	13.66	12.37	9.08	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-07	Instrumnet Name :	P8
Client Sample ID :	DUP-0496-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:31:49	DataFile Name :	040SMPL_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.39	0.36	0.30	0.35	12.87	ppb
Zirconium	91-1	0.41	0.42	0.32	0.38	14.77	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:44:31	DataFile Name :	042CCV_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51091.98	51811.86	49887.21	50930.35	1.91	ppb
Antimony	121-1	455.72	464.61	473.05	464.46	1.87	ppb
Arsenic	75-2	474.79	460.51	475.49	470.26	1.80	ppb
Barium	135-1	2352.90	2399.30	2388.85	2380.35	1.02	ppb
Barium	137-1	2312.39	2339.56	2352.94	2334.96	0.88	ppb
Beryllium	9-1	479.40	474.72	474.73	476.29	0.57	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	468.96	482.55	488.60	480.04	2.10	ppb
Boron	11-1	472.54	478.69	489.76	480.33	1.82	ppb
Cadmium	111-1	448.27	457.01	456.95	454.08	1.11	ppb
Cadmium	106-1	451.95	454.52	464.41	456.96	1.44	ppb
Cadmium	108-1	461.55	450.66	452.42	454.88	1.28	ppb
Calcium	43-1	217107.66	218604.90	223203.12	219638.56	1.45	ppb
Calcium	44-1	213155.93	217308.71	219680.71	216715.12	1.52	ppb
Chromium	52-2	501.35	507.86	487.65	498.95	2.07	ppb
Cobalt	59-2	489.93	489.29	473.03	484.08	1.98	ppb
Copper	63-2	947.10	943.55	909.50	933.39	2.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	56-2	126809.99	127042.15	122867.24	125573.13	1.87	ppb
Iron	57-2	122818.33	123151.58	119287.93	121752.61	1.76	ppb
Krypton	83-1						cps
Lead	206-1	470.27	485.37	487.36	481.00	1.94	ppb
Lead	207-1	466.06	473.47	484.15	474.56	1.92	ppb
Lead	208-1	471.28	479.10	486.42	478.93	1.58	ppb
Lithium	6-1				90		%
Magnesium	24-2	241772.80	242083.96	232600.01	238818.92	2.26	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:44:31	DataFile Name :	042CCV_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	967.73	965.65	933.04	955.47	2.04	ppb
Molybdenum	94-1	2345.25	2374.10	2393.40	2370.92	1.02	ppb
Molybdenum	95-1	2360.64	2366.14	2411.27	2379.35	1.17	ppb
Molybdenum	96-1	2380.79	2382.34	2387.86	2383.66	0.16	ppb
Molybdenum	97-1	2356.05	2381.66	2412.79	2383.50	1.19	ppb
Molybdenum	98-1	2359.38	2374.91	2386.88	2373.72	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.07	491.16	477.87	487.70	1.77	ppb
Phosphorus	31-2	10579.63	10143.78	9470.89	10064.77	5.55	ppb
Potassium	39-2	121690.40	121647.96	117391.96	120243.44	2.05	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				88		%
Scandium	45-2				83		%
Selenium	77-2	553.35	455.76	489.87	499.66	9.91	ppb
Selenium	78-2	480.58	484.84	483.28	482.90	0.45	ppb
Selenium	82-1	458.20	464.36	467.86	463.47	1.06	ppb
Silicon	28-1	492.91	510.81	505.89	503.21	1.84	ppb
Silver	109-1	458.29	466.21	463.80	462.77	0.88	ppb
Silver	107-1	462.29	458.07	463.92	461.43	0.65	ppb
Sodium	23-2	248923.15	251340.94	239962.75	246742.28	2.43	ppb
Strontium	86-1	452.58	465.37	464.59	460.84	1.56	ppb
Strontium	88-1	468.94	472.21	475.25	472.13	0.67	ppb
Sulfur	34-1	9100.22	9029.68	9422.31	9184.07	2.28	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	472.30	481.71	488.13	480.71	1.66	ppb
Thallium	205-1	470.15	475.52	486.96	477.54	1.80	ppb
Tin	118-1	463.70	470.98	468.96	467.88	0.80	ppb
Titanium	47-1	2395.17	2398.65	2387.09	2393.64	0.25	ppb
Uranium	238-1	476.34	482.25	494.93	484.51	1.96	ppb
Vanadium	51-2	488.23	490.19	475.05	484.49	1.70	ppb
Yttrium	89-1				93		%
Yttrium	89-2				86		%
Zinc	66-2	936.58	948.82	916.13	933.84	1.77	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:44:31	DataFile Name :	042CCV_P8082118- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	475.97	478.55	479.64	478.05	0.39	ppb
Zirconium	91-1	462.51	467.20	469.91	466.54	0.80	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:49:03	DataFile Name :	043CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.31	0.24	-0.27	-0.11		ppb
Antimony	121-1	0.55	0.57	0.55	0.56	1.46	ppb
Arsenic	75-2	-0.01	0.04	0.04	0.02	143.00	ppb
Barium	135-1	0.00	0.00	0.01	0.00	337.32	ppb
Barium	137-1	0.02	0.02	0.03	0.02	7.70	ppb
Beryllium	9-1	0.22	0.29	0.26	0.25	13.55	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	15.38	15.44	13.80	14.87	6.25	ppb
Boron	11-1	17.43	15.32	15.70	16.15	6.97	ppb
Cadmium	111-1	-0.16	-0.11	-0.17	-0.15		ppb
Cadmium	106-1	-2.53	-1.85	-2.51	-2.29		ppb
Cadmium	108-1	0.10	0.02	-0.01	0.03	163.91	ppb
Calcium	43-1	-0.57	1.63	-3.80	-0.91		ppb
Calcium	44-1	11.16	3.54	3.65	6.12	71.41	ppb
Chromium	52-2	0.05	0.06	0.16	0.09	64.70	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	207.62	ppb
Copper	63-2	0.12	0.03	0.07	0.07	58.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	2.63	2.29	2.32	2.41	7.65	ppb
Iron	57-2	4.43	5.52	3.47	4.48	22.87	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	0.01	0.01	85.31	ppb
Lead	207-1	0.01	0.00	0.00	0.01	78.95	ppb
Lead	208-1	0.01	0.00	0.01	0.01	47.81	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.27	2.44	1.12	1.61	44.77	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:49:03	DataFile Name :	043CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.44	-0.40	-0.45	-0.43		ppb
Molybdenum	94-1	0.47	0.46	0.44	0.45	3.28	ppb
Molybdenum	95-1	0.58	0.52	0.42	0.50	16.02	ppb
Molybdenum	96-1	0.46	0.55	0.48	0.50	10.08	ppb
Molybdenum	97-1	0.57	0.49	0.48	0.51	8.83	ppb
Molybdenum	98-1	0.57	0.48	0.45	0.50	12.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.29	0.42	0.36	17.79	ppb
Phosphorus	31-2	-27.54	-27.54	-27.54	-27.54		ppb
Potassium	39-2	14.72	20.68	30.06	21.82	35.43	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	0.41	1.43	0.41	251.63	ppb
Selenium	82-1	0.15	0.34	0.21	0.23	43.95	ppb
Silicon	28-1	-4.50	-10.00	-9.82	-8.11		ppb
Silver	109-1	0.06	0.05	0.06	0.06	10.30	ppb
Silver	107-1	0.05	0.06	0.05	0.05	14.89	ppb
Sodium	23-2	37.59	36.43	37.68	37.24	1.88	ppb
Strontium	86-1	0.00	0.00	-0.01	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	3.85	ppb
Sulfur	34-1	25.76	-644.98	-645.27	-421.50		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.13	0.09	0.07	0.10	34.79	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	6.73	ppb
Tin	118-1	0.17	0.16	0.13	0.15	12.62	ppb
Titanium	47-1	0.03	0.00	0.06	0.03	102.86	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.61	ppb
Vanadium	51-2	0.02	-0.01	-0.01	0.00	3972.63	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	1.12	0.72	1.25	1.03	26.77	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:49:03	DataFile Name :	043CCBE_P8082118- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.06	0.06	0.05	23.29	ppb
Zirconium	91-1	0.10	0.09	0.11	0.10	10.43	ppb

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 13:59:54	DataFile Name :	003CALB_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	13	23	16	36.49	cps
Antimony	121-1	42	92	50	61	43.83	cps
Arsenic	75-2	7	0	2	3	124.95	cps
Barium	135-1	83	17	58	53	63.81	cps
Barium	137-1	25	50	83	53	55.46	cps
Beryllium	9-1	56	100	72	76	29.57	cps
Bismuth	209-1	6516565	6341017	6504638	6454074	1.52	cps
Bismuth	209-2	1969689	1941736	1956906	1956111	0.72	cps
Boron	10-1	125	83	150	119	28.20	cps
Boron	11-1	467	542	375	461	18.10	cps
Cadmium	111-1	1411	1321	1316	1349	3.95	cps
Cadmium	106-1	1992	1892	1875	1920	3.29	cps
Cadmium	108-1	0	17	13	10	89.22	cps
Calcium	43-1	625	700	692	672	6.12	cps
Calcium	44-1	19590	18513	18263	18788	3.75	cps
Chromium	52-2	497	523	493	504	3.26	cps
Cobalt	59-2	47	60	43	50	17.64	cps
Copper	63-2	677	607	663	649	5.73	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	50	33	47	26.97	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	125	108	67	100	30.05	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	9730040	9626002	9594904	9650315	0.73	cps
Holmium	165-2	2308547	2332333	2321994	2320958	0.51	cps
Indium	115-1	7787396	7767642	7707417	7754152	0.54	cps
Indium	115-2	351113	350213	354200	351842	0.59	cps
Iron	56-2	1650	1578	1545	1591	3.39	cps
Iron	57-2	22	28	17	22	25.00	cps
Krypton	83-1	370	350	370	363	3.18	cps
Lead	206-1	200	267	267	244	15.75	cps
Lead	207-1	183	250	211	215	15.59	cps
Lead	208-1	939	983	956	959	2.34	cps
Lithium	6-1	1644502	1633585	1651674	1643254	0.55	cps
Magnesium	24-2	292	333	325	317	6.96	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 13:59:54	DataFile Name :	003CALB_P8082118- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	160	170	163	164	3.10	cps
Molybdenum	94-1	167	192	233	197	17.08	cps
Molybdenum	95-1	42	8	42	31	62.99	cps
Molybdenum	96-1	108	125	217	150	38.89	cps
Molybdenum	97-1	25	83	100	69	56.71	cps
Molybdenum	98-1	133	67	108	103	32.77	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	533	470	527	510	6.82	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	2267	2150	2284	2234	3.25	cps
Rhodium	103-1	7391366	7340505	7419834	7383902	0.54	cps
Rhodium	103-2	2124101	2129134	2143045	2132093	0.46	cps
Scandium	45-1	4801086	4790174	4810667	4800643	0.21	cps
Scandium	45-2	36060	36558	36528	36382	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-35	-20	-12	-23	-52.61	cps
Silicon	28-1	333068	331218	335258	333181	0.61	cps
Silver	109-1	17	17	25	19	24.73	cps
Silver	107-1	33	42	42	39	12.38	cps
Sodium	23-2	5493	5076	5235	5268	3.99	cps
Strontium	86-1	475	642	592	569	15.02	cps
Strontium	88-1	200	150	167	172	14.78	cps
Sulfur	34-1	370705	373314	369101	371040	0.57	cps
Terbium	159-1	9926408	9970366	9997153	9964642	0.36	cps
Terbium	159-2	2213228	2187542	2219610	2206793	0.77	cps
Thallium	203-1	75	50	75	67	21.65	cps
Thallium	205-1	67	117	50	78	44.61	cps
Tin	118-1	633	617	675	642	4.68	cps
Titanium	47-1	92	92	133	106	22.79	cps
Uranium	238-1	33	50	17	33	50.00	cps
Vanadium	51-2	13	13	7	11	34.61	cps
Yttrium	89-1	8086668	8047782	8015795	8050081	0.44	cps
Yttrium	89-2	257164	257813	259239	258072	0.41	cps
Zinc	66-2	120	147	190	152	23.21	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 13:59:54	DataFile Name :	003CALB_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	642	583	658	628	6.27	cps
Zirconium	91-1	67	150	67	94	50.94	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:07:21	DataFile Name :	005CAL5_P8082118- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123	130	105	119	10.76	cps
Antimony	121-1	14934	14116	14475	14508	2.82	cps
Arsenic	75-2	74	85	81	80	7.05	cps
Barium	135-1	15009	15067	15184	15087	0.59	cps
Barium	137-1	25609	26302	26561	26157	1.88	cps
Beryllium	9-1	1256	1428	1145	1276	11.19	cps
Bismuth	209-1	6139092	6497150	6119421	6251888	3.40	cps
Bismuth	209-2	1993433	1915326	1904460	1937740	2.50	cps
Boron	10-1	3209	3367	2984	3187	6.05	cps
Boron	11-1	14082	14650	14383	14372	1.97	cps
Cadmium	111-1	2680	2797	2774	2750	2.26	cps
Cadmium	106-1	1842	2084	1884	1936	6.67	cps
Cadmium	108-1	121	129	100	117	12.88	cps
Calcium	43-1	8837	8528	8620	8661	1.83	cps
Calcium	44-1	152225	149832	150305	150787	0.84	cps
Chromium	52-2	2067	1974	1967	2002	2.79	cps
Cobalt	59-2	1797	1667	1480	1648	9.66	cps
Copper	63-2	3307	3410	3400	3373	1.69	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	67	67	64	7.53	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	100	67	75	81	21.54	cps
Gadolinium	160-2	0	17	10	9	94.38	cps
Holmium	165-1	9316002	9498836	9350063	9388300	1.04	cps
Holmium	165-2	2292123	2252227	2252998	2265783	1.01	cps
Indium	115-1	7394502	7643406	7365329	7467746	2.05	cps
Indium	115-2	358775	348563	345301	350879	2.00	cps
Iron	56-2	26097	25095	25552	25581	1.96	cps
Iron	57-2	628	667	600	632	5.30	cps
Krypton	83-1	330	353	407	363	10.82	cps
Lead	206-1	5190	4723	4751	4888	5.36	cps
Lead	207-1	4640	4312	4217	4390	5.05	cps
Lead	208-1	20657	19751	19751	20053	2.61	cps
Lithium	6-1	1612389	1630298	1585681	1609456	1.40	cps
Magnesium	24-2	12581	11981	13065	12542	4.33	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:07:21	DataFile Name :	005CAL5_P8082118- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	373	363	407	381	5.95	cps
Molybdenum	94-1	12264	11847	11897	12003	1.90	cps
Molybdenum	95-1	15142	15326	14959	15142	1.21	cps
Molybdenum	96-1	16778	16127	16377	16427	2.00	cps
Molybdenum	97-1	9262	9687	9829	9593	3.08	cps
Molybdenum	98-1	23830	23279	24114	23741	1.79	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1057	987	1203	1082	10.22	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	8786	8645	9270	8900	3.68	cps
Rhodium	103-1	7111280	7211681	7017258	7113406	1.37	cps
Rhodium	103-2	2113308	2075098	2075423	2087943	1.05	cps
Scandium	45-1	4575119	4825284	4476115	4625506	3.89	cps
Scandium	45-2	37507	35472	35960	36313	2.93	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	17	13	9	13	28.58	cps
Selenium	82-1	537	549	444	510	11.27	cps
Silicon	28-1	390504	386248	382753	386502	1.00	cps
Silver	109-1	7728	7794	7352	7625	3.12	cps
Silver	107-1	8078	8028	7602	7903	3.31	cps
Sodium	23-2	32956	33465	34476	33632	2.30	cps
Strontium	86-1	2509	2284	2625	2473	7.03	cps
Strontium	88-1	17095	16811	16602	16836	1.47	cps
Sulfur	34-1	374578	372147	370212	372312	0.59	cps
Terbium	159-1	9657908	9772713	9516487	9649036	1.33	cps
Terbium	159-2	2187964	2163066	2167779	2172937	0.61	cps
Thallium	203-1	5668	5968	5260	5632	6.32	cps
Thallium	205-1	14784	13967	14484	14412	2.87	cps
Tin	118-1	24966	24381	25317	24888	1.90	cps
Titanium	47-1	4534	4159	4234	4309	4.61	cps
Uranium	238-1	18673	18857	18915	18815	0.67	cps
Vanadium	51-2	2434	2564	2430	2476	3.07	cps
Yttrium	89-1	7732715	7928176	7731144	7797345	1.45	cps
Yttrium	89-2	261039	256800	257647	258496	0.87	cps
Zinc	66-2	403	450	450	434	6.20	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:07:21	DataFile Name :	005CALS_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10304	9254	10680	10079	7.33	cps
Zirconium	91-1	2075	2225	2325	2209	5.70	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:11:06	DataFile Name :	006CAL5_P8082118- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5087	5085	5097	5090	0.13	cps
Antimony	121-1	347737	355035	350734	351169	1.04	cps
Arsenic	75-2	4319	4056	4243	4206	3.22	cps
Barium	135-1	364282	370583	368356	367740	0.87	cps
Barium	137-1	646607	650253	647212	648024	0.30	cps
Beryllium	9-1	56879	56718	56623	56740	0.23	cps
Bismuth	209-1	5921450	5979654	6004529	5968544	0.71	cps
Bismuth	209-2	1861734	1795801	1855724	1837753	1.98	cps
Boron	10-1	5860	5885	6585	6110	6.74	cps
Boron	11-1	29523	29682	29749	29651	0.39	cps
Cadmium	111-1	77590	77428	78205	77741	0.53	cps
Cadmium	106-1	9662	10113	9212	9662	4.66	cps
Cadmium	108-1	5405	5572	5476	5485	1.53	cps
Calcium	43-1	81445	82031	84009	82495	1.63	cps
Calcium	44-1	1359992	1349649	1383460	1364367	1.27	cps
Chromium	52-2	34974	34255	34402	34544	1.10	cps
Cobalt	59-2	74491	74220	74756	74489	0.36	cps
Copper	63-2	129445	130051	129432	129643	0.27	cps
Dysprosium	156-1	42	58	17	39	53.93	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	67	50	50	33.34	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	58	58	58	58	0.00	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	8940893	8832847	9023784	8932508	1.07	cps
Holmium	165-2	2199466	2059967	2185964	2148466	3.58	cps
Indium	115-1	7056238	7070179	7079190	7068535	0.16	cps
Indium	115-2	333143	321191	335014	329782	2.27	cps
Iron	56-2	1149488	1151724	1150710	1150641	0.10	cps
Iron	57-2	29560	29443	28947	29317	1.11	cps
Krypton	83-1	340	330	307	326	5.25	cps
Lead	206-1	232207	230807	231275	231430	0.31	cps
Lead	207-1	210191	207633	209337	209054	0.62	cps
Lead	208-1	943647	942059	940987	942231	0.14	cps
Lithium	6-1	1530152	1556449	1532631	1539744	0.94	cps
Magnesium	24-2	125609	127509	126945	126688	0.77	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:11:06	DataFile Name :	006CAL5_P8082118- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19604	19490	19250	19448	0.93	cps
Molybdenum	94-1	596730	595465	595566	595921	0.12	cps
Molybdenum	95-1	730274	726266	734653	730398	0.57	cps
Molybdenum	96-1	814398	819887	818359	817548	0.35	cps
Molybdenum	97-1	454511	457966	457618	456698	0.42	cps
Molybdenum	98-1	1172166	1177864	1181646	1177226	0.41	cps
Neodymium	150-1	20	33	40	31	32.73	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	22535	23153	22983	22890	1.39	cps
Phosphorus	31-2	367	375	342	361	4.80	cps
Potassium	39-2	34184	35145	33583	34304	2.30	cps
Rhodium	103-1	6670644	6730530	6756384	6719186	0.65	cps
Rhodium	103-2	1988710	1897216	2021011	1968979	3.26	cps
Scandium	45-1	4315786	4399511	4369405	4361567	0.97	cps
Scandium	45-2	33787	32919	35037	33915	3.14	cps
Selenium	77-2	43	27	27	32	29.85	cps
Selenium	78-2	87	109	120	106	16.08	cps
Selenium	82-1	4852	4806	4761	4806	0.95	cps
Silicon	28-1	539645	539585	541626	540285	0.22	cps
Silver	109-1	359670	364721	357098	360497	1.08	cps
Silver	107-1	373908	375979	375877	375254	0.31	cps
Sodium	23-2	285527	289097	286726	287116	0.63	cps
Strontium	86-1	92857	92597	91976	92477	0.49	cps
Strontium	88-1	796758	799075	797167	797667	0.16	cps
Sulfur	34-1	400283	404686	403476	402815	0.56	cps
Terbium	159-1	9122268	9135969	9225575	9161271	0.61	cps
Terbium	159-2	2047419	2014542	2068803	2043588	1.34	cps
Thallium	203-1	283740	279760	282750	282083	0.73	cps
Thallium	205-1	680405	675925	681177	679169	0.42	cps
Tin	118-1	241804	241756	242104	241888	0.08	cps
Titanium	47-1	202706	203920	201682	202769	0.55	cps
Uranium	238-1	918170	926127	923146	922481	0.44	cps
Vanadium	51-2	24876	25310	25467	25217	1.21	cps
Yttrium	89-1	7417279	7431591	7436781	7428551	0.14	cps
Yttrium	89-2	244558	236611	247563	242911	2.33	cps
Zinc	66-2	11842	12102	11835	11926	1.28	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:11:06	DataFile Name :	006CALS_P8082118- M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	496708	497398	495867	496658	0.15	cps
Zirconium	91-1	109765	109833	109656	109751	0.08	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:14:50	DataFile Name :	007CAL5_P8082118- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12374	12286	12491	12384	0.83	cps
Antimony	121-1	900528	895311	894566	896802	0.36	cps
Arsenic	75-2	10284	9939	10358	10193	2.19	cps
Barium	135-1	939706	931390	937070	936055	0.45	cps
Barium	137-1	1629823	1646856	1642638	1639772	0.54	cps
Beryllium	9-1	140068	140467	139543	140026	0.33	cps
Bismuth	209-1	5813369	6049214	6029601	5964061	2.19	cps
Bismuth	209-2	1857961	1848794	1852261	1853005	0.25	cps
Boron	10-1	15659	15184	16151	15665	3.09	cps
Boron	11-1	71135	73832	75483	73483	2.99	cps
Cadmium	111-1	192624	194075	193820	193506	0.40	cps
Cadmium	106-1	21852	22044	22227	22041	0.85	cps
Cadmium	108-1	14425	14170	13503	14033	3.39	cps
Calcium	43-1	204331	202483	201062	202626	0.81	cps
Calcium	44-1	3322731	3313986	3301148	3312622	0.33	cps
Chromium	52-2	85291	85482	85150	85308	0.20	cps
Cobalt	59-2	183838	185182	184434	184485	0.37	cps
Copper	63-2	319236	317318	318839	318464	0.32	cps
Dysprosium	156-1	25	67	17	36	74.18	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	33	33	58	42	34.65	cps
Gadolinium	160-2	10	17	23	17	39.99	cps
Holmium	165-1	8783419	9141356	9098627	9007801	2.17	cps
Holmium	165-2	2208998	2184005	2199477	2197494	0.57	cps
Indium	115-1	6921233	7166312	7103493	7063679	1.80	cps
Indium	115-2	331784	329275	330359	330473	0.38	cps
Iron	56-2	2898743	2903779	2892262	2898261	0.20	cps
Iron	57-2	72031	73002	72270	72434	0.70	cps
Krypton	83-1	367	357	350	358	2.35	cps
Lead	206-1	581106	587538	584050	584231	0.55	cps
Lead	207-1	525846	529029	528908	527928	0.34	cps
Lead	208-1	2373944	2393868	2385977	2384596	0.42	cps
Lithium	6-1	1491663	1546606	1531433	1523234	1.86	cps
Magnesium	24-2	315667	312821	311182	313223	0.72	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:14:50	DataFile Name :	007CAL5_P8082118- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	48230	47788	47992	48003	0.46	cps
Molybdenum	94-1	1510668	1502716	1515649	1509678	0.43	cps
Molybdenum	95-1	1901544	1856948	1859972	1872822	1.33	cps
Molybdenum	96-1	2089422	2063197	2052907	2068509	0.91	cps
Molybdenum	97-1	1144213	1145970	1141581	1143921	0.19	cps
Molybdenum	98-1	2966914	2964097	2947648	2959553	0.35	cps
Neodymium	150-1	67	53	47	56	18.33	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	55112	54530	54828	54823	0.53	cps
Phosphorus	31-2	1050	733	908	897	17.68	cps
Potassium	39-2	81813	81914	82752	82160	0.63	cps
Rhodium	103-1	6564290	6772525	6657712	6664842	1.56	cps
Rhodium	103-2	1980358	1965957	1989654	1978657	0.60	cps
Scandium	45-1	4252008	4434931	4374811	4353917	2.14	cps
Scandium	45-2	33991	34299	34051	34114	0.48	cps
Selenium	77-2	80	77	63	73	12.03	cps
Selenium	78-2	259	285	254	266	6.32	cps
Selenium	82-1	12101	11917	12124	12047	0.94	cps
Silicon	28-1	815390	808388	814074	812617	0.46	cps
Silver	109-1	904808	908268	911043	908039	0.34	cps
Silver	107-1	952355	951473	948133	950654	0.23	cps
Sodium	23-2	701726	699985	699078	700263	0.19	cps
Strontium	86-1	232572	229852	230574	230999	0.61	cps
Strontium	88-1	2041773	2056010	2035044	2044276	0.52	cps
Sulfur	34-1	436921	436347	430226	434498	0.85	cps
Terbium	159-1	9126932	9438604	9350180	9305238	1.73	cps
Terbium	159-2	2066712	2085497	2092461	2081557	0.64	cps
Thallium	203-1	719490	718095	725777	721121	0.57	cps
Thallium	205-1	1771638	1788496	1769263	1776466	0.59	cps
Tin	118-1	605114	610772	609510	608465	0.49	cps
Titanium	47-1	505582	510671	508512	508255	0.50	cps
Uranium	238-1	2396302	2385265	2417316	2399628	0.68	cps
Vanadium	51-2	61997	62740	62311	62349	0.60	cps
Yttrium	89-1	7215789	7427640	7460175	7367868	1.80	cps
Yttrium	89-2	242052	241636	244299	242662	0.59	cps
Zinc	66-2	29725	29512	29254	29497	0.80	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:14:50	DataFile Name :	007CALS_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1264552	1270427	1252354	1262444	0.73	cps
Zirconium	91-1	280651	277281	278905	278946	0.60	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:18:29	DataFile Name :	008CAL5_P8082118- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24878	24244	24477	24533	1.31	cps
Antimony	121-1	1826466	1817307	1801714	1815162	0.69	cps
Arsenic	75-2	20081	20517	20386	20328	1.10	cps
Barium	135-1	1926941	1902399	1913187	1914176	0.64	cps
Barium	137-1	3318269	3277662	3359322	3318418	1.23	cps
Beryllium	9-1	276342	275683	278562	276862	0.54	cps
Bismuth	209-1	6072493	6317046	6044577	6144705	2.44	cps
Bismuth	209-2	1851070	1835268	1787195	1824511	1.82	cps
Boron	10-1	30909	30876	31761	31182	1.61	cps
Boron	11-1	142923	145683	148511	145706	1.92	cps
Cadmium	111-1	387379	383470	387797	386215	0.62	cps
Cadmium	106-1	43195	41707	41289	42064	2.38	cps
Cadmium	108-1	27637	28063	28472	28057	1.49	cps
Calcium	43-1	404238	399842	403979	402686	0.61	cps
Calcium	44-1	6590237	6574541	6529338	6564705	0.48	cps
Chromium	52-2	166031	164645	165903	165526	0.46	cps
Cobalt	59-2	358386	357675	357823	357961	0.10	cps
Copper	63-2	620404	619662	619767	619944	0.06	cps
Dysprosium	156-1	58	50	25	44	39.04	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	25	50	50	42	34.64	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	25	50	83	53	55.46	cps
Gadolinium	160-2	23	20	3	16	68.90	cps
Holmium	165-1	9166434	9344147	9021609	9177397	1.76	cps
Holmium	165-2	2199496	2156565	2180800	2178954	0.99	cps
Indium	115-1	7151168	7237362	7032347	7140292	1.44	cps
Indium	115-2	326773	322116	318078	322322	1.35	cps
Iron	56-2	5609360	5565056	5587583	5587333	0.40	cps
Iron	57-2	139490	140265	140836	140197	0.48	cps
Krypton	83-1	397	370	347	371	6.74	cps
Lead	206-1	1193617	1184130	1191585	1189777	0.42	cps
Lead	207-1	1085388	1073030	1076066	1078161	0.60	cps
Lead	208-1	4961376	4912008	4939094	4937492	0.50	cps
Lithium	6-1	1505993	1539628	1526843	1524155	1.11	cps
Magnesium	24-2	611193	606657	611362	609737	0.44	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:18:29	DataFile Name :	008CAL5_P8082118- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	92923	92671	94306	93300	0.94	cps
Molybdenum	94-1	3065169	3037858	3015865	3039631	0.81	cps
Molybdenum	95-1	3719832	3701988	3712672	3711497	0.24	cps
Molybdenum	96-1	4123595	4134290	4108960	4122282	0.31	cps
Molybdenum	97-1	2408449	2367643	2384407	2386833	0.86	cps
Molybdenum	98-1	5938938	5918723	5962080	5939914	0.37	cps
Neodymium	150-1	87	73	53	71	23.59	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	106423	105476	106184	106027	0.46	cps
Phosphorus	31-2	1584	1533	1942	1686	13.21	cps
Potassium	39-2	159231	155600	158096	157642	1.18	cps
Rhodium	103-1	6574571	6903128	6575990	6684563	2.83	cps
Rhodium	103-2	1927546	1919573	1896127	1914415	0.85	cps
Scandium	45-1	4329944	4413016	4302706	4348555	1.32	cps
Scandium	45-2	33176	32564	32110	32617	1.64	cps
Selenium	77-2	130	103	160	131	21.62	cps
Selenium	78-2	552	452	441	481	12.71	cps
Selenium	82-1	23898	24382	24034	24105	1.04	cps
Silicon	28-1	1166941	1156083	1159731	1160918	0.48	cps
Silver	109-1	1838871	1849872	1829848	1839530	0.55	cps
Silver	107-1	1910680	1925667	1928273	1921540	0.49	cps
Sodium	23-2	1383434	1373556	1380291	1379094	0.37	cps
Strontium	86-1	467872	465274	459433	464193	0.93	cps
Strontium	88-1	4084466	4041234	4040534	4055411	0.62	cps
Sulfur	34-1	489446	484819	491972	488746	0.74	cps
Terbium	159-1	9405884	9619622	9334459	9453322	1.57	cps
Terbium	159-2	2089647	2083017	2058816	2077160	0.78	cps
Thallium	203-1	1458055	1464285	1455071	1459137	0.32	cps
Thallium	205-1	3565113	3554536	3572192	3563947	0.25	cps
Tin	118-1	1229622	1222603	1220642	1224289	0.39	cps
Titanium	47-1	1012703	1008025	1008915	1009881	0.25	cps
Uranium	238-1	4844112	4816563	4855326	4838667	0.41	cps
Vanadium	51-2	121981	121693	121622	121765	0.16	cps
Yttrium	89-1	7488593	7584558	7328036	7467062	1.74	cps
Yttrium	89-2	238359	235321	234182	235954	0.92	cps
Zinc	66-2	55939	55066	55771	55592	0.83	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:18:29	DataFile Name :	008CALS_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2582909	2554431	2604485	2580608	0.97	cps
Zirconium	91-1	561238	555498	562289	559675	0.65	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:22:02	DataFile Name :	009CAL5_P8082118- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46419	46600	46841	46620	0.45	cps
Antimony	121-1	3626154	3597987	3631236	3618459	0.49	cps
Arsenic	75-2	38801	38422	39159	38794	0.95	cps
Barium	135-1	3785318	3800693	3815420	3800477	0.40	cps
Barium	137-1	6570336	6527892	6549985	6549404	0.32	cps
Beryllium	9-1	540242	537372	534643	537419	0.52	cps
Bismuth	209-1	6279230	6269759	6276073	6275021	0.08	cps
Bismuth	209-2	1779049	1796670	1879041	1818253	2.94	cps
Boron	10-1	59910	61491	61482	60961	1.49	cps
Boron	11-1	279388	285945	290561	285298	1.97	cps
Cadmium	111-1	761419	762592	761641	761884	0.08	cps
Cadmium	106-1	81698	81915	83752	82455	1.37	cps
Cadmium	108-1	54259	55104	55209	54857	0.95	cps
Calcium	43-1	789780	788200	785386	787789	0.28	cps
Calcium	44-1	12813311	12893509	12752259	12819693	0.55	cps
Chromium	52-2	314748	312452	313647	313615	0.37	cps
Cobalt	59-2	682919	679995	685859	682924	0.43	cps
Copper	63-2	1186110	1174488	1184370	1181656	0.53	cps
Dysprosium	156-1	50	42	67	53	24.12	cps
Dysprosium	156-2	17	3	3	8	99.04	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	133	75	83	97	32.45	cps
Gadolinium	160-2	7	17	13	12	41.65	cps
Holmium	165-1	9387952	9245084	9459185	9364074	1.16	cps
Holmium	165-2	2185628	2177187	2218387	2193734	0.99	cps
Indium	115-1	7058621	7139889	7105805	7101439	0.57	cps
Indium	115-2	311193	310458	319224	313625	1.55	cps
Iron	56-2	10688972	10577077	10657397	10641149	0.54	cps
Iron	57-2	267504	266316	269982	267934	0.70	cps
Krypton	83-1	380	383	357	373	3.89	cps
Lead	206-1	2440323	2473296	2484713	2466111	0.93	cps
Lead	207-1	2256006	2305112	2270450	2277190	1.11	cps
Lead	208-1	10047665	10124018	10169912	10113865	0.61	cps
Lithium	6-1	1525717	1510370	1530114	1522067	0.68	cps
Magnesium	24-2	1181887	1191444	1196042	1189791	0.61	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:22:02	DataFile Name :	009CAL5_P8082118- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	176934	176971	177063	176989	0.04	cps
Molybdenum	94-1	6014442	5983066	6002055	5999855	0.26	cps
Molybdenum	95-1	7369942	7313051	7349665	7344219	0.39	cps
Molybdenum	96-1	8179373	8025028	8150291	8118231	1.01	cps
Molybdenum	97-1	4690088	4722716	4683039	4698614	0.45	cps
Molybdenum	98-1	11801158	11766668	11721632	11763152	0.34	cps
Neodymium	150-1	120	200	147	156	26.19	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	200385	199750	202817	200984	0.81	cps
Phosphorus	31-2	3242	3142	3334	3239	2.96	cps
Potassium	39-2	293407	296621	293784	294604	0.60	cps
Rhodium	103-1	6620832	6605249	6611047	6612376	0.12	cps
Rhodium	103-2	1843444	1894265	1927151	1888287	2.23	cps
Scandium	45-1	4334494	4278006	4274288	4295596	0.79	cps
Scandium	45-2	31014	31422	31586	31341	0.94	cps
Selenium	77-2	237	210	237	228	6.76	cps
Selenium	78-2	900	913	902	905	0.77	cps
Selenium	82-1	47383	47833	47581	47599	0.47	cps
Silicon	28-1	1843170	1838005	1832954	1838043	0.28	cps
Silver	109-1	3622919	3595010	3566345	3594758	0.79	cps
Silver	107-1	3780685	3769887	3794995	3781856	0.33	cps
Sodium	23-2	2604334	2593862	2628676	2608957	0.68	cps
Strontium	86-1	931322	913766	917168	920752	1.01	cps
Strontium	88-1	7997994	7929998	7983177	7970390	0.45	cps
Sulfur	34-1	595178	586551	592017	591249	0.74	cps
Terbium	159-1	9572116	9554118	9557492	9561242	0.10	cps
Terbium	159-2	2061513	2073743	2093088	2076115	0.77	cps
Thallium	203-1	2973543	3003581	3052735	3009953	1.33	cps
Thallium	205-1	7088880	7158999	7204671	7150850	0.82	cps
Tin	118-1	2492712	2455219	2488683	2478871	0.83	cps
Titanium	47-1	2007889	2004389	2008388	2006889	0.11	cps
Uranium	238-1	9828304	9802883	9934697	9855295	0.71	cps
Vanadium	51-2	230819	230302	232456	231192	0.49	cps
Yttrium	89-1	7476457	7432976	7494563	7467999	0.42	cps
Yttrium	89-2	228728	228259	232023	229670	0.89	cps
Zinc	66-2	106202	106505	107250	106652	0.51	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:22:02	DataFile Name :	009CALS_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5008254	5045189	5075745	5043063	0.67	cps
Zirconium	91-1	1106138	1113789	1109843	1109924	0.34	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:25:31	DataFile Name :	010CAL5_P8082118- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92188	92014	91587	91930	0.34	cps
Antimony	121-1	7340809	7261382	7301789	7301326	0.54	cps
Arsenic	75-2	75281	76393	76819	76164	1.04	cps
Barium	135-1	7676487	7573920	7545360	7598589	0.91	cps
Barium	137-1	13431788	13259955	13290594	13327446	0.69	cps
Beryllium	9-1	1082912	1086517	1067285	1078905	0.95	cps
Bismuth	209-1	6525390	6486129	6411874	6474464	0.89	cps
Bismuth	209-2	1833586	1857978	1815214	1835592	1.17	cps
Boron	10-1	122436	124613	124830	123960	1.07	cps
Boron	11-1	572275	581398	586000	579891	1.20	cps
Cadmium	111-1	1541748	1540923	1540197	1540956	0.05	cps
Cadmium	106-1	164813	165977	163613	164801	0.72	cps
Cadmium	108-1	110519	110935	110582	110679	0.20	cps
Calcium	43-1	1615129	1585304	1618783	1606405	1.14	cps
Calcium	44-1	25560529	25545789	25535995	25547438	0.05	cps
Chromium	52-2	615162	613379	618056	615533	0.38	cps
Cobalt	59-2	1335423	1334366	1340000	1336596	0.22	cps
Copper	63-2	2330018	2317148	2346214	2331127	0.62	cps
Dysprosium	156-1	75	108	100	94	18.37	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	100	108	67	92	24.05	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	9725868	9770924	9544045	9680279	1.24	cps
Holmium	165-2	2226838	2232549	2198500	2219296	0.82	cps
Indium	115-1	7239900	7208383	7139770	7196018	0.71	cps
Indium	115-2	306594	310030	305923	307515	0.72	cps
Iron	56-2	20881208	20790903	20900251	20857454	0.28	cps
Iron	57-2	525278	523936	525202	524805	0.14	cps
Krypton	83-1	320	327	380	342	9.61	cps
Lead	206-1	5013507	4990902	4959410	4987940	0.54	cps
Lead	207-1	4626725	4615088	4638629	4626814	0.25	cps
Lead	208-1	20593383	20534923	20626068	20584791	0.22	cps
Lithium	6-1	1527706	1555985	1501944	1528545	1.77	cps
Magnesium	24-2	2344104	2298101	2309056	2317087	1.04	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:25:31	DataFile Name :	010CAL5_P8082118- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	347083	347559	349564	348069	0.38	cps
Molybdenum	94-1	12066084	12032521	12065578	12054728	0.16	cps
Molybdenum	95-1	14883866	14920825	14986775	14930489	0.35	cps
Molybdenum	96-1	16462156	16565723	16580081	16535986	0.39	cps
Molybdenum	97-1	9383470	9369911	9468306	9407229	0.57	cps
Molybdenum	98-1	23735627	23827975	23936703	23833435	0.42	cps
Neodymium	150-1	273	280	327	293	9.91	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	391665	389829	390858	390784	0.24	cps
Phosphorus	31-2	5977	5993	6277	6082	2.77	cps
Potassium	39-2	575220	573867	571916	573668	0.29	cps
Rhodium	103-1	6697098	6739787	6626610	6687831	0.85	cps
Rhodium	103-2	1860880	1878352	1876975	1872069	0.52	cps
Scandium	45-1	4348991	4353065	4212021	4304692	1.86	cps
Scandium	45-2	31719	31161	31826	31569	1.13	cps
Selenium	77-2	527	493	557	526	6.03	cps
Selenium	78-2	1787	1769	1722	1759	1.90	cps
Selenium	82-1	95409	95428	95139	95325	0.17	cps
Silicon	28-1	3174228	3154528	3165389	3164715	0.31	cps
Silver	109-1	7207148	7167856	7227057	7200687	0.42	cps
Silver	107-1	7465112	7458965	7437012	7453696	0.20	cps
Sodium	23-2	5124536	5054549	5085750	5088278	0.69	cps
Strontium	86-1	1882508	1875671	1898658	1885612	0.63	cps
Strontium	88-1	16187741	15948678	16133992	16090137	0.78	cps
Sulfur	34-1	830273	822462	813336	822024	1.03	cps
Terbium	159-1	9970021	9996853	9782104	9916326	1.18	cps
Terbium	159-2	2089109	2124171	2090411	2101230	0.95	cps
Thallium	203-1	6191975	6100123	6108407	6133502	0.83	cps
Thallium	205-1	14592361	14523847	14591477	14569228	0.27	cps
Tin	118-1	5034391	4963523	4997896	4998603	0.71	cps
Titanium	47-1	3959476	3968886	3974323	3967561	0.19	cps
Uranium	238-1	20602257	20695197	20621129	20639527	0.24	cps
Vanadium	51-2	458234	456223	456942	457133	0.22	cps
Yttrium	89-1	7629950	7595094	7497363	7574136	0.91	cps
Yttrium	89-2	228987	231108	228923	229673	0.54	cps
Zinc	66-2	207328	207121	210574	208341	0.93	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:25:31	DataFile Name :	010CALS_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10203835	10077222	10182675	10154577	0.67	cps
Zirconium	91-1	2288140	2277275	2304645	2290020	0.60	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:28:57	DataFile Name :	011CALS_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	475625	480214	483918	479919	0.87	cps
Antimony	121-1	20266	18614	19498	19459	4.25	cps
Arsenic	75-2	131	165	130	142	13.95	cps
Barium	135-1	1417	1225	1308	1317	7.30	cps
Barium	137-1	2359	2375	2242	2325	3.13	cps
Beryllium	9-1	817	633	583	678	18.13	cps
Bismuth	209-1	5117053	6002945	5925671	5681890	8.64	cps
Bismuth	209-2	1663954	1702089	1641356	1669133	1.84	cps
Boron	10-1	6110	5743	5435	5763	5.87	cps
Boron	11-1	30467	27636	24973	27692	9.92	cps
Cadmium	111-1	1621	1538	1622	1594	3.01	cps
Cadmium	106-1	1717	1742	1817	1759	2.96	cps
Cadmium	108-1	38	50	42	43	14.78	cps
Calcium	43-1	7833117	7834431	7777843	7815130	0.41	cps
Calcium	44-1	127535053	127308940	128032653	127625549	0.29	cps
Chromium	52-2	25213	25240	25216	25223	0.06	cps
Cobalt	59-2	16800	16730	16804	16778	0.25	cps
Copper	63-2	6165	6095	6051	6104	0.94	cps
Dysprosium	156-1	67	58	108	78	34.44	cps
Dysprosium	156-2	13	20	17	17	20.01	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	92	133	83	103	26.06	cps
Gadolinium	160-2	10	13	20	14	35.26	cps
Holmium	165-1	8064195	9532843	9254557	8950532	8.72	cps
Holmium	165-2	2185994	2222871	2173598	2194154	1.17	cps
Indium	115-1	5911494	7040738	6877603	6609945	9.23	cps
Indium	115-2	309030	314238	309594	310954	0.92	cps
Iron	56-2	103454905	104200850	105126761	104260838	0.80	cps
Iron	57-2	2663609	2692437	2722467	2692838	1.09	cps
Krypton	83-1	377	413	313	368	13.76	cps
Lead	206-1	31072	30030	30654	30585	1.71	cps
Lead	207-1	26083	25866	25370	25773	1.42	cps
Lead	208-1	122847	119935	120377	121053	1.30	cps
Lithium	6-1	1278330	1520644	1503830	1434268	9.43	cps
Magnesium	24-2	11482695	11606313	11740933	11609981	1.11	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:28:57	DataFile Name :	011CAL5_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1827	1730	1977	1845	6.74	cps
Molybdenum	94-1	15635	15810	15334	15593	1.54	cps
Molybdenum	95-1	24990	24389	25233	24871	1.75	cps
Molybdenum	96-1	29124	27821	28055	28333	2.45	cps
Molybdenum	97-1	15668	15668	14925	15420	2.78	cps
Molybdenum	98-1	40988	38690	39441	39706	2.95	cps
Neodymium	150-1	60	113	53	76	43.52	cps
Neodymium	150-2	23	13	7	14	58.06	cps
Nickel	60-2	13250	13710	13877	13612	2.39	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2943856	2957748	2975874	2959159	0.54	cps
Rhodium	103-1	5324010	6330532	6200344	5951629	9.20	cps
Rhodium	103-2	1794708	1841562	1774319	1803530	1.91	cps
Scandium	45-1	3593716	4278176	4245565	4039152	9.56	cps
Scandium	45-2	32621	33019	32147	32596	1.34	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	7	4	2	4	65.54	cps
Selenium	82-1	64	39	103	68	47.24	cps
Silicon	28-1	733040	741575	758483	744366	1.74	cps
Silver	109-1	850	758	683	764	10.93	cps
Silver	107-1	892	742	558	731	22.85	cps
Sodium	23-2	25622365	25808943	25981346	25804218	0.70	cps
Strontium	86-1	9971	9704	9545	9740	2.21	cps
Strontium	88-1	77899	77177	77387	77488	0.48	cps
Sulfur	34-1	341623	352243	349159	347675	1.57	cps
Terbium	159-1	8149857	9692272	9451316	9097815	9.12	cps
Terbium	159-2	2074362	2094547	2054054	2074321	0.98	cps
Thallium	203-1	3742	3951	3842	3845	2.71	cps
Thallium	205-1	9946	9813	9070	9610	4.91	cps
Tin	118-1	24440	24832	23905	24392	1.91	cps
Titanium	47-1	2025	2142	1867	2011	6.86	cps
Uranium	238-1	1884	1950	1734	1856	5.98	cps
Vanadium	51-2	260	270	243	258	5.23	cps
Yttrium	89-1	6284244	7428664	7279766	6997558	8.89	cps
Yttrium	89-2	231329	237908	234767	234668	1.40	cps
Zinc	66-2	1760	1763	1727	1750	1.16	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:28:57	DataFile Name :	011CALS_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2825	3159	2584	2856	10.11	cps
Zirconium	91-1	550	658	717	642	13.18	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:51:38	DataFile Name :	012ICV01_P8082118- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2446	2581	2643	2557	3.95	cps
Antimony	121-1	1351423	1361776	1372468	1361889	0.77	cps
Arsenic	75-2	16000	15568	15930	15833	1.46	cps
Barium	135-1	145693	145449	146106	145749	0.23	cps
Barium	137-1	254984	253598	256047	254876	0.48	cps
Beryllium	9-1	105909	108070	108825	107601	1.41	cps
Bismuth	209-1	6167922	6167379	6201240	6178847	0.31	cps
Bismuth	209-2	1815775	1874615	1797720	1829370	2.20	cps
Boron	10-1	65224	67451	68899	67191	2.75	cps
Boron	11-1	307365	316923	324714	316334	2.75	cps
Cadmium	111-1	152908	154803	153756	153822	0.62	cps
Cadmium	106-1	26469	27220	26076	26588	2.19	cps
Cadmium	108-1	14058	14316	14212	14195	0.92	cps
Calcium	43-1	34694	35036	35062	34931	0.59	cps
Calcium	44-1	553111	551821	560232	555055	0.82	cps
Chromium	52-2	64645	63279	63768	63897	1.08	cps
Cobalt	59-2	143493	142432	142456	142794	0.42	cps
Copper	63-2	125225	123731	123049	124002	0.90	cps
Dysprosium	156-1	17	50	42	36	48.03	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	92	67	75	19.24	cps
Erbium	164-2	17	10	3	10	66.70	cps
Gadolinium	160-1	50	58	42	50	16.67	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	9134113	9054789	9079138	9089347	0.45	cps
Holmium	165-2	2181499	2185715	2147868	2171694	0.96	cps
Indium	115-1	7174472	7169259	7108937	7150889	0.51	cps
Indium	115-2	324191	325047	318071	322436	1.18	cps
Iron	56-2	447690	440605	444287	444194	0.80	cps
Iron	57-2	11249	10682	10971	10968	2.59	cps
Krypton	83-1	420	307	327	351	17.23	cps
Lead	206-1	928441	934826	939289	934186	0.58	cps
Lead	207-1	812719	815743	816761	815074	0.26	cps
Lead	208-1	3794097	3819210	3840045	3817784	0.60	cps
Lithium	6-1	1546406	1551782	1531227	1543138	0.69	cps
Magnesium	24-2	28772	28362	27686	28273	1.94	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 14:51:38 DataFile Name : 012ICV01_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18699	17918	17982	18200	2.38	cps
Molybdenum	94-1	2761019	2813211	2788379	2787536	0.94	cps
Molybdenum	95-1	1678151	1674840	1675236	1676076	0.11	cps
Molybdenum	96-1	2116702	2124002	2111542	2117415	0.30	cps
Molybdenum	97-1	1019818	1036439	1028498	1028251	0.81	cps
Molybdenum	98-1	2694705	2696129	2698956	2696597	0.08	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	42127	42465	43133	42575	1.20	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	28496	27169	27060	27575	2.90	cps
Rhodium	103-1	6859238	6777143	6778210	6804864	0.69	cps
Rhodium	103-2	1963024	1994575	1946085	1967895	1.25	cps
Scandium	45-1	4431986	4446526	4363030	4413847	1.01	cps
Scandium	45-2	33724	35472	32879	34025	3.89	cps
Selenium	77-2	140	93	103	112	21.89	cps
Selenium	78-2	367	378	389	378	2.94	cps
Selenium	82-1	18861	19269	18682	18937	1.59	cps
Silicon	28-1	349301	351566	352479	351115	0.47	cps
Silver	109-1	638971	643983	642221	641725	0.40	cps
Silver	107-1	669294	671479	672894	671222	0.27	cps
Sodium	23-2	117632	115449	114667	115916	1.33	cps
Strontium	86-1	917943	928366	923765	923358	0.57	cps
Strontium	88-1	8017680	8022840	8065851	8035457	0.33	cps
Sulfur	34-1	372717	371115	370974	371602	0.26	cps
Terbium	159-1	9364471	9316535	9341379	9340795	0.26	cps
Terbium	159-2	2048375	2071521	2042870	2054255	0.74	cps
Thallium	203-1	1156145	1146313	1169540	1157332	1.01	cps
Thallium	205-1	2849672	2853653	2882391	2861906	0.62	cps
Tin	118-1	2473340	2462422	2485362	2473708	0.46	cps
Titanium	47-1	403495	403767	403429	403564	0.04	cps
Uranium	238-1	10305151	10427756	10353189	10362032	0.60	cps
Vanadium	51-2	47785	47213	47082	47360	0.79	cps
Yttrium	89-1	7586041	7383184	7420099	7463108	1.45	cps
Yttrium	89-2	240192	243429	236945	240189	1.35	cps
Zinc	66-2	23337	23383	23226	23315	0.35	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 14:51:38	DataFile Name :	012ICV01_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5082715	5026987	5071763	5060488	0.58	cps
Zirconium	91-1	1093748	1109188	1111848	1104928	0.88	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 15:11:36 DataFile Name : 015LLIC_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115	108	123	115	6.52	cps
Antimony	121-1	16861	16628	16653	16714	0.77	cps
Arsenic	75-2	87	81	85	85	3.35	cps
Barium	135-1	14308	14851	13991	14383	3.02	cps
Barium	137-1	25292	25776	26152	25740	1.67	cps
Beryllium	9-1	1039	1117	1183	1113	6.50	cps
Bismuth	209-1	6213949	6123353	6089146	6142149	1.05	cps
Bismuth	209-2	1890950	1965452	1902704	1919702	2.09	cps
Boron	10-1	5118	5268	5435	5273	3.00	cps
Boron	11-1	23812	24630	23921	24121	1.84	cps
Cadmium	111-1	2661	2700	2755	2705	1.74	cps
Cadmium	106-1	1742	1925	1917	1861	5.56	cps
Cadmium	108-1	125	133	113	124	8.49	cps
Calcium	43-1	7486	8178	8386	8017	5.88	cps
Calcium	44-1	147079	144595	145371	145682	0.87	cps
Chromium	52-2	1940	2020	1917	1959	2.77	cps
Cobalt	59-2	1493	1440	1510	1481	2.47	cps
Copper	63-2	2924	3120	3030	3025	3.26	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	8	67	25	33	90.15	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	75	75	58	69	13.85	cps
Gadolinium	160-2	13	20	7	13	49.99	cps
Holmium	165-1	9302462	9135658	9140606	9192908	1.03	cps
Holmium	165-2	2213794	2300468	2231578	2248614	2.04	cps
Indium	115-1	7381513	7296406	7231860	7303259	1.03	cps
Indium	115-2	337487	346679	336920	340362	1.61	cps
Iron	56-2	24828	24171	23776	24259	2.19	cps
Iron	57-2	650	644	728	674	6.91	cps
Krypton	83-1	333	353	357	348	3.63	cps
Lead	206-1	4645	4973	5351	4990	7.08	cps
Lead	207-1	4701	4562	4434	4566	2.92	cps
Lead	208-1	19934	20529	20896	20453	2.37	cps
Lithium	6-1	1525286	1509295	1544656	1526412	1.16	cps
Magnesium	24-2	11730	12589	12314	12211	3.59	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 15:11:36 DataFile Name : 015LLIC_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	250	237	277	254	8.00	cps
Molybdenum	94-1	17111	16160	15226	16166	5.83	cps
Molybdenum	95-1	14917	14500	14550	14656	1.55	cps
Molybdenum	96-1	17854	17220	17403	17492	1.87	cps
Molybdenum	97-1	9988	9579	9320	9629	3.49	cps
Molybdenum	98-1	24498	23413	24531	24147	2.64	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1143	1053	1200	1132	6.53	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	8570	9445	8720	8912	5.25	cps
Rhodium	103-1	6939956	6911421	6812946	6888108	0.97	cps
Rhodium	103-2	2052859	2065394	2054642	2057631	0.33	cps
Scandium	45-1	4481064	4427624	4414484	4441057	0.79	cps
Scandium	45-2	34152	36187	34877	35072	2.94	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	9	13	15	12	22.89	cps
Selenium	82-1	432	523	426	460	11.82	cps
Silicon	28-1	391480	388037	391872	390463	0.54	cps
Silver	109-1	6852	7536	7394	7261	4.97	cps
Silver	107-1	7411	7577	7853	7614	2.93	cps
Sodium	23-2	36456	34125	34902	35161	3.38	cps
Strontium	86-1	2500	2642	2259	2467	7.86	cps
Strontium	88-1	15785	15610	17070	16155	4.94	cps
Sulfur	34-1	379885	379709	376781	378792	0.46	cps
Terbium	159-1	9504463	9355810	9400565	9420279	0.81	cps
Terbium	159-2	2126490	2160420	2134115	2140341	0.83	cps
Thallium	203-1	5843	6510	6327	6227	5.53	cps
Thallium	205-1	15277	14909	14759	14982	1.78	cps
Tin	118-1	26519	26636	26051	26402	1.17	cps
Titanium	47-1	4026	4218	3976	4073	3.13	cps
Uranium	238-1	18056	18765	18715	18512	2.14	cps
Vanadium	51-2	2387	2304	2477	2389	3.63	cps
Yttrium	89-1	7638476	7512767	7518220	7556488	0.94	cps
Yttrium	89-2	248032	253986	248103	250040	1.37	cps
Zinc	66-2	477	543	507	509	6.56	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:11:36	DataFile Name :	015LLIC_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	22328	21443	19807	21192	6.04	cps
Zirconium	91-1	4468	4401	4176	4348	3.52	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 15:14:57 DataFile Name : 016CCBE_P8082118- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	8	18	15	44.11	cps
Antimony	121-1	858	900	800	853	5.89	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	50	42	17	36	48.03	cps
Barium	137-1	58	67	33	53	32.88	cps
Beryllium	9-1	172	139	194	169	16.59	cps
Bismuth	209-1	6755672	6644214	6552358	6650748	1.53	cps
Bismuth	209-2	2038760	2000998	1997827	2012528	1.13	cps
Boron	10-1	1700	1642	1692	1678	1.88	cps
Boron	11-1	8244	7277	7235	7586	7.53	cps
Cadmium	111-1	1205	1296	1123	1208	7.14	cps
Cadmium	106-1	1700	1842	1575	1706	7.82	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	683	517	625	608	13.90	cps
Calcium	44-1	19740	19506	18847	19364	2.39	cps
Chromium	52-2	470	490	487	482	2.22	cps
Cobalt	59-2	40	40	50	43	13.32	cps
Copper	63-2	530	613	603	582	7.82	cps
Dysprosium	156-1	33	42	8	28	62.46	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	50	17	39	49.48	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	58	100	100	86	27.93	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	9914064	9816611	9749663	9826780	0.84	cps
Holmium	165-2	2377975	2354022	2350091	2360696	0.64	cps
Indium	115-1	7949505	8003488	7758239	7903744	1.63	cps
Indium	115-2	360579	356954	357364	358299	0.55	cps
Iron	56-2	1533	1661	1478	1558	6.04	cps
Iron	57-2	89	44	39	57	47.73	cps
Krypton	83-1	357	337	337	343	3.36	cps
Lead	206-1	372	439	394	402	8.45	cps
Lead	207-1	250	289	350	296	17.01	cps
Lead	208-1	1456	1572	1561	1530	4.21	cps
Lithium	6-1	1649378	1671812	1672874	1664688	0.80	cps
Magnesium	24-2	300	233	308	281	14.65	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:14:57	DataFile Name :	016CCBE_P8082118- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143	117	103	121	16.82	cps
Molybdenum	94-1	533	658	692	628	13.30	cps
Molybdenum	95-1	367	383	383	378	2.55	cps
Molybdenum	96-1	517	675	533	575	15.13	cps
Molybdenum	97-1	250	233	242	242	3.45	cps
Molybdenum	98-1	575	658	775	669	15.01	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	803	707	813	774	7.61	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	2275	2334	2542	2384	5.88	cps
Rhodium	103-1	7452169	7522005	7437445	7470540	0.60	cps
Rhodium	103-2	2175504	2133289	2143482	2150758	1.02	cps
Scandium	45-1	4831438	4764349	4793378	4796388	0.70	cps
Scandium	45-2	36721	37510	37196	37142	1.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	-20	5	-12	-9	-145.62	cps
Silicon	28-1	322125	320131	318816	320357	0.52	cps
Silver	109-1	67	142	50	86	56.70	cps
Silver	107-1	133	92	133	119	20.14	cps
Sodium	23-2	7336	7711	7486	7511	2.51	cps
Strontium	86-1	492	558	508	519	6.68	cps
Strontium	88-1	167	175	158	167	5.00	cps
Sulfur	34-1	375654	377610	383585	378950	1.09	cps
Terbium	159-1	10195096	10094540	10103609	10131081	0.55	cps
Terbium	159-2	2221282	2227927	2217103	2222104	0.25	cps
Thallium	203-1	417	475	317	403	19.88	cps
Thallium	205-1	758	717	900	792	12.14	cps
Tin	118-1	1467	1342	1300	1370	6.33	cps
Titanium	47-1	117	83	142	114	25.70	cps
Uranium	238-1	83	117	100	100	16.66	cps
Vanadium	51-2	10	0	7	6	91.64	cps
Yttrium	89-1	8212891	8176874	8127521	8172429	0.52	cps
Yttrium	89-2	263186	260978	262332	262166	0.42	cps
Zinc	66-2	203	183	213	200	7.64	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:14:57	DataFile Name :	016CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1025	1033	858	972	10.16	cps
Zirconium	91-1	300	292	200	264	21.03	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 15:19:05 DataFile Name : 017ICSA01_P8082118- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	463123	457074	457255	459151	0.75	cps
Antimony	121-1	8862	9287	8962	9037	2.46	cps
Arsenic	75-2	22	20	33	25	27.70	cps
Barium	135-1	2250	2225	2250	2242	0.64	cps
Barium	137-1	4042	4167	4067	4092	1.62	cps
Beryllium	9-1	483	311	506	433	24.56	cps
Bismuth	209-1	6453089	6450152	6380349	6427863	0.64	cps
Bismuth	209-2	1860097	1858364	1859989	1859483	0.05	cps
Boron	10-1	1542	1692	1425	1553	8.61	cps
Boron	11-1	7211	6685	6752	6883	4.16	cps
Cadmium	111-1	1871	1918	1743	1844	4.91	cps
Cadmium	106-1	1692	1800	1809	1767	3.68	cps
Cadmium	108-1	871	983	1075	976	10.47	cps
Calcium	43-1	1677976	1655811	1671504	1668431	0.68	cps
Calcium	44-1	26695502	26519484	26467627	26560871	0.45	cps
Chromium	52-2	13930	13443	13437	13603	2.08	cps
Cobalt	59-2	1637	1523	1620	1593	3.84	cps
Copper	63-2	10027	10127	9954	10036	0.87	cps
Dysprosium	156-1	75	17	42	44	65.84	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	33	67	58	53	32.88	cps
Erbium	164-2	13	17	17	16	12.40	cps
Gadolinium	160-1	142	117	67	108	35.25	cps
Gadolinium	160-2	10	13	3	9	57.30	cps
Holmium	165-1	9881558	9862407	9841809	9861925	0.20	cps
Holmium	165-2	2292724	2265506	2285976	2281402	0.62	cps
Indium	115-1	7589284	7595170	7580401	7588285	0.10	cps
Indium	115-2	331485	327616	328148	329083	0.64	cps
Iron	56-2	44526608	43969491	44191848	44229316	0.63	cps
Iron	57-2	1112602	1100166	1099063	1103944	0.68	cps
Krypton	83-1	293	373	323	330	12.25	cps
Lead	206-1	24235	23511	24140	23962	1.64	cps
Lead	207-1	18825	18570	18592	18662	0.76	cps
Lead	208-1	89646	88594	88955	89065	0.60	cps
Lithium	6-1	1567811	1588211	1562165	1572729	0.87	cps
Magnesium	24-2	2426389	2387946	2379532	2397956	1.04	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:19:05	DataFile Name :	017ICSA01_P8082118- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1553	1563	1587	1568	1.09	cps
Molybdenum	94-1	3420501	3446840	3459499	3442280	0.58	cps
Molybdenum	95-1	6001410	6034646	6034035	6023364	0.32	cps
Molybdenum	96-1	6503646	6448613	6380284	6444181	0.96	cps
Molybdenum	97-1	3819108	3862311	3848572	3843330	0.57	cps
Molybdenum	98-1	9597787	9617745	9584590	9600040	0.17	cps
Neodymium	150-1	33	60	20	38	53.92	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	2680	2757	2717	2718	1.41	cps
Phosphorus	31-2	32756	31803	33081	32547	2.04	cps
Potassium	39-2	1233993	1213540	1219274	1222269	0.86	cps
Rhodium	103-1	6911918	7037458	6893933	6947770	1.13	cps
Rhodium	103-2	1998491	1996581	1968580	1987884	0.84	cps
Scandium	45-1	4603528	4632395	4595278	4610400	0.42	cps
Scandium	45-2	34055	33921	34626	34201	1.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	78	-15	45	36	132.26	cps
Silicon	28-1	460010	454660	452213	455627	0.88	cps
Silver	109-1	442	475	575	497	13.96	cps
Silver	107-1	450	500	583	511	13.18	cps
Sodium	23-2	5408106	5432537	5400341	5413661	0.31	cps
Strontium	86-1	65742	66135	65332	65736	0.61	cps
Strontium	88-1	568467	568799	567320	568195	0.14	cps
Sulfur	34-1	2416085	2407371	2387895	2403783	0.60	cps
Terbium	159-1	10089726	10141325	10060648	10097233	0.40	cps
Terbium	159-2	2190669	2169951	2177452	2179358	0.48	cps
Thallium	203-1	567	650	808	675	18.19	cps
Thallium	205-1	1117	1475	1717	1436	21.02	cps
Tin	118-1	1950	1959	1925	1945	0.89	cps
Titanium	47-1	1689249	1716573	1666666	1690829	1.48	cps
Uranium	238-1	325	417	375	372	12.33	cps
Vanadium	51-2	60	70	100	77	27.15	cps
Yttrium	89-1	7920450	7903114	7960828	7928131	0.37	cps
Yttrium	89-2	246035	243712	244748	244832	0.48	cps
Zinc	66-2	1573	1523	1460	1519	3.74	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:19:05	DataFile Name :	017ICSA01_P8082118- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10563	8895	7536	8998	16.85	cps
Zirconium	91-1	2417	1909	1809	2045	15.96	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:22:22	DataFile Name :	018ICSB_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	453793	451525	454125	453148	0.31	cps
Antimony	121-1	153626	153895	153024	153515	0.29	cps
Arsenic	75-2	1550	1619	1589	1586	2.17	cps
Barium	135-1	33126	32750	33309	33062	0.86	cps
Barium	137-1	58798	58196	57961	58318	0.74	cps
Beryllium	9-1	22596	22913	22735	22748	0.70	cps
Bismuth	209-1	6410509	6389647	6383772	6394643	0.22	cps
Bismuth	209-2	1827102	1856692	1881632	1855142	1.47	cps
Boron	10-1	1300	1142	1175	1206	6.92	cps
Boron	11-1	6218	6068	5510	5932	6.30	cps
Cadmium	111-1	31668	31656	31406	31577	0.47	cps
Cadmium	106-1	4718	4126	4393	4412	6.72	cps
Cadmium	108-1	3034	2984	2921	2980	1.89	cps
Calcium	43-1	1624702	1627928	1608295	1620308	0.65	cps
Calcium	44-1	26236114	26166538	26011697	26138116	0.44	cps
Chromium	52-2	26044	25851	26225	26040	0.72	cps
Cobalt	59-2	29725	30163	29959	29949	0.73	cps
Copper	63-2	33905	34242	34413	34187	0.76	cps
Dysprosium	156-1	33	8	75	39	86.61	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	75	50	67	64	19.92	cps
Erbium	164-2	10	23	10	14	53.28	cps
Gadolinium	160-1	67	58	100	75	29.40	cps
Gadolinium	160-2	17	3	27	16	75.27	cps
Holmium	165-1	9828128	9934053	9727749	9829977	1.05	cps
Holmium	165-2	2226444	2308792	2293668	2276301	1.93	cps
Indium	115-1	7452005	7542155	7456540	7483567	0.68	cps
Indium	115-2	324466	329861	329906	328078	0.95	cps
Iron	56-2	43682852	43173301	43561645	43472600	0.61	cps
Iron	57-2	1088245	1086233	1096285	1090254	0.49	cps
Krypton	83-1	370	340	323	344	6.87	cps
Lead	206-1	122883	121308	122770	122320	0.72	cps
Lead	207-1	102253	102679	100495	101809	1.14	cps
Lead	208-1	473315	473617	473183	473371	0.05	cps
Lithium	6-1	1576186	1597866	1566169	1580074	1.03	cps
Magnesium	24-2	2383624	2357995	2351948	2364522	0.71	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:22:22	DataFile Name :	018ICSB_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5024	5178	5201	5134	1.87	cps
Molybdenum	94-1	3392674	3409193	3394308	3398725	0.27	cps
Molybdenum	95-1	5883504	5904282	5895498	5894428	0.18	cps
Molybdenum	96-1	6353014	6364615	6341451	6353027	0.18	cps
Molybdenum	97-1	3822933	3828604	3766152	3805896	0.91	cps
Molybdenum	98-1	9523183	9457644	9475358	9485395	0.36	cps
Neodymium	150-1	53	60	60	58	6.65	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	11071	10788	10577	10812	2.29	cps
Phosphorus	31-2	32146	32446	33349	32647	1.92	cps
Potassium	39-2	1209913	1196305	1207869	1204696	0.61	cps
Rhodium	103-1	6889068	6953613	6860739	6901140	0.69	cps
Rhodium	103-2	1937252	1978225	1980520	1965332	1.24	cps
Scandium	45-1	4559484	4604979	4523809	4562757	0.89	cps
Scandium	45-2	33807	32962	33413	33394	1.27	cps
Selenium	77-2	7	13	7	9	43.25	cps
Selenium	78-2	43	54	46	48	11.90	cps
Selenium	82-1	1898	1928	1927	1918	0.89	cps
Silicon	28-1	455810	476378	454136	462108	2.68	cps
Silver	109-1	138449	137899	137539	137962	0.33	cps
Silver	107-1	145890	145351	145488	145576	0.19	cps
Sodium	23-2	5383405	5346085	5363268	5364253	0.35	cps
Strontium	86-1	64771	65433	63347	64517	1.65	cps
Strontium	88-1	569350	556419	557736	561169	1.27	cps
Sulfur	34-1	2335540	2330927	2323534	2330000	0.26	cps
Terbium	159-1	10145656	10097946	10046464	10096689	0.49	cps
Terbium	159-2	2128071	2145844	2172172	2148696	1.03	cps
Thallium	203-1	120720	119306	120576	120200	0.65	cps
Thallium	205-1	292276	289954	291958	291396	0.43	cps
Tin	118-1	1533	1509	1667	1570	5.42	cps
Titanium	47-1	1642357	1656584	1641982	1646974	0.51	cps
Uranium	238-1	300	500	358	386	26.64	cps
Vanadium	51-2	9337	9233	9407	9325	0.94	cps
Yttrium	89-1	7907582	7933532	7797999	7879704	0.91	cps
Yttrium	89-2	242745	244017	247386	244716	0.98	cps
Zinc	66-2	3607	3707	3764	3693	2.15	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:22:22	DataFile Name :	018ICSB_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4768	4518	3767	4351	11.97	cps
Zirconium	91-1	883	1108	983	992	11.37	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:29:33	DataFile Name :	020CCV_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	274218	272803	274459	273827	0.33	cps
Antimony	121-1	3595933	3621304	3612367	3609868	0.36	cps
Arsenic	75-2	41193	41230	41259	41227	0.08	cps
Barium	135-1	3789337	3831773	3832284	3817798	0.65	cps
Barium	137-1	6603649	6596367	6622790	6607602	0.21	cps
Beryllium	9-1	560765	558309	560698	559924	0.25	cps
Bismuth	209-1	5904509	5874487	5820736	5866577	0.72	cps
Bismuth	209-2	1683494	1799840	1772622	1751985	3.47	cps
Boron	10-1	65433	66446	68020	66633	1.96	cps
Boron	11-1	301338	308690	311997	307342	1.78	cps
Cadmium	111-1	746205	746581	748833	747206	0.19	cps
Cadmium	106-1	81689	82511	80423	81541	1.29	cps
Cadmium	108-1	53376	53878	53544	53599	0.48	cps
Calcium	43-1	4076607	4018241	4094183	4063010	0.98	cps
Calcium	44-1	65768122	65737626	66059199	65854983	0.27	cps
Chromium	52-2	348606	349334	350537	349492	0.28	cps
Cobalt	59-2	725126	722403	728519	725349	0.42	cps
Copper	63-2	1210249	1202843	1212132	1208408	0.41	cps
Dysprosium	156-1	83	58	100	81	26.03	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	3	23	3	10	115.51	cps
Gadolinium	160-1	108	117	117	114	4.22	cps
Gadolinium	160-2	7	20	10	12	56.76	cps
Holmium	165-1	9290717	9187337	9153895	9210650	0.77	cps
Holmium	165-2	2190969	2232893	2253577	2225813	1.43	cps
Indium	115-1	7022513	6967023	6921515	6970350	0.73	cps
Indium	115-2	313355	322873	323418	319882	1.77	cps
Iron	56-2	57077444	56863337	57022415	56987732	0.20	cps
Iron	57-2	1472932	1463785	1468959	1468559	0.31	cps
Krypton	83-1	330	367	367	354	5.97	cps
Lead	206-1	2379302	2387628	2362676	2376535	0.53	cps
Lead	207-1	2189896	2168602	2205439	2187979	0.85	cps
Lead	208-1	9780786	9787114	9761059	9776319	0.14	cps
Lithium	6-1	1515198	1503103	1505510	1507937	0.42	cps
Magnesium	24-2	6160725	6129880	6151140	6147248	0.26	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:29:33	DataFile Name :	020CCV_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	192858	190753	192585	192065	0.60	cps
Molybdenum	94-1	6137164	6140431	6087159	6121585	0.49	cps
Molybdenum	95-1	7518100	7436039	7502964	7485701	0.58	cps
Molybdenum	96-1	8332911	8316464	8382183	8343853	0.41	cps
Molybdenum	97-1	4767186	4784719	4729715	4760540	0.59	cps
Molybdenum	98-1	12020392	11972804	12025502	12006233	0.24	cps
Neodymium	150-1	167	160	180	169	6.03	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	212705	214505	215798	214336	0.72	cps
Phosphorus	31-2	3492	3351	3326	3389	2.65	cps
Potassium	39-2	1637199	1625511	1621241	1627984	0.51	cps
Rhodium	103-1	6455006	6388234	6402698	6415313	0.55	cps
Rhodium	103-2	1846759	1930032	1914502	1897098	2.33	cps
Scandium	45-1	4440118	4369447	4400106	4403223	0.80	cps
Scandium	45-2	33610	34827	34676	34371	1.93	cps
Selenium	77-2	300	267	377	314	17.94	cps
Selenium	78-2	944	952	922	940	1.64	cps
Selenium	82-1	47566	47682	47874	47707	0.33	cps
Silicon	28-1	1978898	1988745	2018675	1995439	1.04	cps
Silver	109-1	3576414	3555816	3558454	3563561	0.31	cps
Silver	107-1	3678465	3699323	3661953	3679914	0.51	cps
Sodium	23-2	14225691	14016620	14181609	14141307	0.78	cps
Strontium	86-1	937783	941107	936392	938427	0.26	cps
Strontium	88-1	8191237	8102174	8089846	8127752	0.68	cps
Sulfur	34-1	612756	611171	617308	613745	0.52	cps
Terbium	159-1	9543319	9429793	9253889	9409000	1.55	cps
Terbium	159-2	2049221	2151277	2095370	2098622	2.44	cps
Thallium	203-1	2954667	2942156	2944704	2947176	0.22	cps
Thallium	205-1	6981567	6924928	6924079	6943525	0.47	cps
Tin	118-1	2511859	2507766	2487258	2502295	0.53	cps
Titanium	47-1	2110940	2092246	2115937	2106374	0.59	cps
Uranium	238-1	9585731	9715805	9616604	9639380	0.71	cps
Vanadium	51-2	252542	250739	253217	252166	0.51	cps
Yttrium	89-1	7477452	7436079	7345284	7419605	0.91	cps
Yttrium	89-2	237755	246947	245454	243385	2.03	cps
Zinc	66-2	110787	110321	111325	110811	0.45	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:29:33	DataFile Name :	020CCV_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5204252	5151280	5196355	5183962	0.55	cps
Zirconium	91-1	1142183	1137125	1133423	1137577	0.39	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 15:35:05 DataFile Name : 021CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	30	23	23	26.98	cps
Antimony	121-1	3509	3301	3559	3456	3.97	cps
Arsenic	75-2	9	7	6	7	24.97	cps
Barium	135-1	67	75	100	81	21.54	cps
Barium	137-1	125	175	158	153	16.66	cps
Beryllium	9-1	333	428	367	376	12.74	cps
Bismuth	209-1	6598916	6508610	6427682	6511736	1.32	cps
Bismuth	209-2	2041548	1944679	1989209	1991812	2.43	cps
Boron	10-1	1942	1892	1884	1906	1.66	cps
Boron	11-1	9420	8428	8620	8823	5.97	cps
Cadmium	111-1	1263	1281	1300	1282	1.42	cps
Cadmium	106-1	1742	1784	1834	1786	2.57	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	733	567	633	644	13.02	cps
Calcium	44-1	20833	20624	20315	20591	1.26	cps
Chromium	52-2	460	537	443	480	10.37	cps
Cobalt	59-2	50	63	53	56	12.50	cps
Copper	63-2	607	553	617	592	5.75	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	75	25	47	53.91	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	92	108	50	83	36.06	cps
Gadolinium	160-2	0	0	10	3	173.21	cps
Holmium	165-1	9791316	9611722	9636626	9679888	1.01	cps
Holmium	165-2	2402843	2316805	2344787	2354812	1.86	cps
Indium	115-1	7867507	7765122	7727768	7786799	0.93	cps
Indium	115-2	365678	354550	356956	359062	1.63	cps
Iron	56-2	3184	2806	3012	3000	6.31	cps
Iron	57-2	83	100	33	72	48.04	cps
Krypton	83-1	397	317	297	337	15.72	cps
Lead	206-1	517	472	556	515	8.10	cps
Lead	207-1	489	517	472	493	4.56	cps
Lead	208-1	2095	2095	2083	2091	0.31	cps
Lithium	6-1	1682929	1657991	1656079	1665666	0.90	cps
Magnesium	24-2	358	400	408	389	6.89	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 15:35:05 DataFile Name : 021CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	97	87	90	6.41	cps
Molybdenum	94-1	1392	1375	1258	1342	5.42	cps
Molybdenum	95-1	1350	1533	1634	1506	9.55	cps
Molybdenum	96-1	1775	2067	1892	1911	7.68	cps
Molybdenum	97-1	1092	967	1133	1064	8.15	cps
Molybdenum	98-1	2667	2675	2425	2589	5.49	cps
Neodymium	150-1	7	40	0	16	137.75	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	727	683	693	701	3.24	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3059	3226	3226	3170	3.04	cps
Rhodium	103-1	7355381	7356303	7129234	7280306	1.80	cps
Rhodium	103-2	2223520	2141752	2134910	2166727	2.28	cps
Scandium	45-1	4787759	4762439	4673749	4741316	1.26	cps
Scandium	45-2	37911	35508	37413	36944	3.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-63	33	29	0	-11844.16	cps
Silicon	28-1	322394	320076	319378	320616	0.49	cps
Silver	109-1	250	150	292	231	31.58	cps
Silver	107-1	292	200	283	258	19.62	cps
Sodium	23-2	10404	10905	10838	10716	2.54	cps
Strontium	86-1	483	542	425	483	12.07	cps
Strontium	88-1	267	217	183	222	18.88	cps
Sulfur	34-1	363639	370264	368273	367392	0.93	cps
Terbium	159-1	10042542	9942674	9804294	9929837	1.20	cps
Terbium	159-2	2262190	2194873	2208598	2221887	1.60	cps
Thallium	203-1	875	808	808	831	4.63	cps
Thallium	205-1	2025	2150	2100	2092	3.01	cps
Tin	118-1	1459	1492	1467	1472	1.18	cps
Titanium	47-1	208	117	133	153	31.96	cps
Uranium	238-1	100	125	108	111	11.46	cps
Vanadium	51-2	7	13	10	10	33.30	cps
Yttrium	89-1	8221076	8081894	8016405	8106459	1.29	cps
Yttrium	89-2	268110	258051	262309	262824	1.92	cps
Zinc	66-2	130	227	217	191	27.82	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:35:05	DataFile Name :	021CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1267	1125	875	1089	18.21	cps
Zirconium	91-1	208	183	200	197	6.45	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:38:27	DataFile Name :	022LLCC_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	128	138	150	138	8.15	cps
Antimony	121-1	16019	16477	16119	16205	1.49	cps
Arsenic	75-2	80	69	93	80	15.01	cps
Barium	135-1	14892	14851	14951	14898	0.34	cps
Barium	137-1	24649	26085	25626	25453	2.88	cps
Beryllium	9-1	1506	1406	1439	1450	3.51	cps
Bismuth	209-1	6159619	6087920	6039384	6095641	0.99	cps
Bismuth	209-2	1858038	1908600	1922683	1896440	1.79	cps
Boron	10-1	4251	4242	4343	4279	1.30	cps
Boron	11-1	20073	20657	20866	20532	2.00	cps
Cadmium	111-1	2662	2775	2805	2747	2.75	cps
Cadmium	106-1	1700	1859	1884	1814	5.48	cps
Cadmium	108-1	100	150	150	133	21.65	cps
Calcium	43-1	8536	8578	8495	8536	0.49	cps
Calcium	44-1	151383	149144	149902	150143	0.76	cps
Chromium	52-2	2100	2094	1904	2032	5.50	cps
Cobalt	59-2	1550	1600	1527	1559	2.40	cps
Copper	63-2	3117	3417	3060	3198	5.99	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	42	33	44	28.65	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	75	83	108	89	19.52	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	9297166	9171296	9154646	9207702	0.85	cps
Holmium	165-2	2217489	2271128	2311607	2266741	2.08	cps
Indium	115-1	7416669	7347447	7335105	7366407	0.60	cps
Indium	115-2	334501	343853	349546	342633	2.22	cps
Iron	56-2	26904	26531	26325	26587	1.10	cps
Iron	57-2	744	650	628	674	9.19	cps
Krypton	83-1	370	360	303	344	10.44	cps
Lead	206-1	5062	5346	5135	5181	2.84	cps
Lead	207-1	4368	4779	4584	4577	4.49	cps
Lead	208-1	20429	21130	21119	20893	1.92	cps
Lithium	6-1	1608025	1588030	1602308	1599454	0.64	cps
Magnesium	24-2	13807	13098	12239	13048	6.02	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:38:27	DataFile Name :	022LLCC_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	263	327	310	300	10.94	cps
Molybdenum	94-1	14200	14016	14291	14169	0.99	cps
Molybdenum	95-1	15151	15151	15426	15243	1.04	cps
Molybdenum	96-1	18205	16870	17871	17648	3.94	cps
Molybdenum	97-1	9237	10321	9562	9707	5.73	cps
Molybdenum	98-1	25583	24807	25158	25183	1.54	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	1217	1093	1210	1173	5.91	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	9195	9379	10137	9570	5.22	cps
Rhodium	103-1	6987583	6909837	6835383	6910935	1.10	cps
Rhodium	103-2	2012596	2075347	2088799	2058914	1.98	cps
Scandium	45-1	4585601	4506052	4480919	4524191	1.21	cps
Scandium	45-2	34449	36384	36397	35743	3.14	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	9	13	22	15	45.07	cps
Selenium	82-1	413	418	535	455	15.19	cps
Silicon	28-1	395723	394256	395874	395284	0.23	cps
Silver	109-1	7352	7753	7169	7425	4.02	cps
Silver	107-1	7836	8586	7728	8050	5.81	cps
Sodium	23-2	38913	38227	39506	38882	1.65	cps
Strontium	86-1	2450	2250	2384	2361	4.31	cps
Strontium	88-1	16853	16711	16277	16614	1.81	cps
Sulfur	34-1	377329	380865	379600	379265	0.47	cps
Terbium	159-1	9438744	9365470	9376699	9393638	0.42	cps
Terbium	159-2	2116293	2137497	2202705	2152165	2.09	cps
Thallium	203-1	6627	6544	6660	6610	0.91	cps
Thallium	205-1	15235	15418	15343	15332	0.60	cps
Tin	118-1	25233	25834	24507	25191	2.64	cps
Titanium	47-1	4618	4326	4151	4365	5.40	cps
Uranium	238-1	18732	18122	18515	18456	1.67	cps
Vanadium	51-2	2590	2444	2500	2511	2.95	cps
Yttrium	89-1	7707955	7621541	7558949	7629482	0.98	cps
Yttrium	89-2	248718	254524	257642	253628	1.79	cps
Zinc	66-2	697	607	657	653	6.90	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:38:27	DataFile Name :	022LLCC_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15209	14834	14750	14931	1.64	cps
Zirconium	91-1	3000	3476	3075	3184	8.02	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112040BL	Instrumnet Name :	P8
Client Sample ID :	PB112040BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:41:49	DataFile Name :	023CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	18	18	16	18.23	cps
Antimony	121-1	958	925	975	953	2.67	cps
Arsenic	75-2	4	9	6	6	45.85	cps
Barium	135-1	50	33	92	58	51.51	cps
Barium	137-1	142	92	58	97	43.14	cps
Beryllium	9-1	172	239	172	194	19.79	cps
Bismuth	209-1	6749589	6648354	6627712	6675218	0.98	cps
Bismuth	209-2	1986329	2064694	2011239	2020754	1.98	cps
Boron	10-1	1208	1050	1083	1114	7.49	cps
Boron	11-1	5601	5701	5043	5448	6.51	cps
Cadmium	111-1	1313	1300	1196	1270	5.04	cps
Cadmium	106-1	1850	1809	1700	1786	4.34	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Calcium	43-1	658	733	658	683	6.34	cps
Calcium	44-1	19973	19523	20866	20121	3.40	cps
Chromium	52-2	440	557	457	484	13.03	cps
Cobalt	59-2	70	70	30	57	40.75	cps
Copper	63-2	547	640	453	547	17.07	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	50	92	83	75	29.40	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	9905625	9861493	9841961	9869693	0.33	cps
Holmium	165-2	2363751	2400932	2377862	2380848	0.79	cps
Indium	115-1	7951704	7937254	7896444	7928467	0.36	cps
Indium	115-2	355985	364018	360225	360076	1.12	cps
Iron	56-2	2606	2734	2567	2636	3.31	cps
Iron	57-2	78	72	72	74	4.33	cps
Krypton	83-1	317	353	320	330	6.14	cps
Lead	206-1	439	411	372	407	8.22	cps
Lead	207-1	361	344	433	380	12.45	cps
Lead	208-1	1795	1778	1617	1730	5.68	cps
Lithium	6-1	1693969	1690403	1718811	1701061	0.91	cps
Magnesium	24-2	308	492	425	408	22.73	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112040BL	Instrumnet Name :	P8
Client Sample ID :	PB112040BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:41:49	DataFile Name :	023CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	110	70	81	31.12	cps
Molybdenum	94-1	500	592	650	581	13.03	cps
Molybdenum	95-1	633	550	592	592	7.04	cps
Molybdenum	96-1	650	692	650	664	3.62	cps
Molybdenum	97-1	333	283	333	317	9.12	cps
Molybdenum	98-1	817	825	842	828	1.54	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	803	820	710	778	7.62	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	2900	3009	2775	2895	4.04	cps
Rhodium	103-1	7467067	7434101	7457366	7452845	0.23	cps
Rhodium	103-2	2150062	2182212	2177842	2170039	0.80	cps
Scandium	45-1	4955472	4928404	4917149	4933675	0.40	cps
Scandium	45-2	36477	38092	37259	37276	2.17	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	30	18	24	24	24.62	cps
Silicon	28-1	324479	322223	321613	322772	0.47	cps
Silver	109-1	150	108	167	142	21.21	cps
Silver	107-1	175	183	150	169	10.24	cps
Sodium	23-2	10037	9820	9954	9937	1.10	cps
Strontium	86-1	558	600	483	547	10.80	cps
Strontium	88-1	142	308	267	239	36.31	cps
Sulfur	34-1	376524	373127	374523	374725	0.46	cps
Terbium	159-1	10230782	10201414	10135093	10189096	0.48	cps
Terbium	159-2	2239585	2287794	2259187	2262189	1.07	cps
Thallium	203-1	567	550	517	544	4.68	cps
Thallium	205-1	1233	1400	1025	1220	15.41	cps
Tin	118-1	833	975	792	867	11.09	cps
Titanium	47-1	158	117	217	164	30.65	cps
Uranium	238-1	117	108	75	100	22.05	cps
Vanadium	51-2	3	17	13	11	62.48	cps
Yttrium	89-1	8301130	8161392	8137159	8199894	1.08	cps
Yttrium	89-2	264242	270354	266042	266880	1.18	cps
Zinc	66-2	233	257	257	249	5.41	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112040BL	Instrumnet Name :	P8
Client Sample ID :	PB112040BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:41:49	DataFile Name :	023CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	683	833	817	778	10.57	cps
Zirconium	91-1	158	300	167	208	38.16	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112040BS	Instrumnet Name :	P8
Client Sample ID :	PB112040BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:45:10	DataFile Name :	024LCS6_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223	240	225	229	4.13	cps
Antimony	121-1	30444	31906	31196	31182	2.34	cps
Arsenic	75-2	154	233	174	187	22.12	cps
Barium	135-1	31380	31229	31271	31293	0.25	cps
Barium	137-1	55894	56161	55501	55852	0.59	cps
Beryllium	9-1	2523	2589	2645	2586	2.37	cps
Bismuth	209-1	6434632	6417147	6330507	6394095	0.87	cps
Bismuth	209-2	2005552	2047630	2017888	2023690	1.07	cps
Boron	10-1	7002	6885	6685	6857	2.34	cps
Boron	11-1	33264	34259	34350	33958	1.77	cps
Cadmium	111-1	4634	4373	4514	4507	2.90	cps
Cadmium	106-1	2034	2117	2125	2092	2.42	cps
Cadmium	108-1	254	246	225	242	6.21	cps
Calcium	43-1	18363	17795	17220	17793	3.21	cps
Calcium	44-1	300368	303218	305202	302930	0.80	cps
Chromium	52-2	3554	3574	3791	3639	3.61	cps
Cobalt	59-2	3454	3437	3374	3422	1.23	cps
Copper	63-2	6061	6038	6168	6089	1.14	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	92	42	69	36.66	cps
Erbium	164-2	27	10	13	17	52.93	cps
Gadolinium	160-1	75	58	83	72	17.62	cps
Gadolinium	160-2	17	17	7	13	43.29	cps
Holmium	165-1	9589395	9665304	9568101	9607600	0.53	cps
Holmium	165-2	2384636	2410957	2360474	2385356	1.06	cps
Indium	115-1	7712368	7787508	7792148	7764008	0.58	cps
Indium	115-2	364657	362881	361350	362963	0.46	cps
Iron	56-2	263114	262357	261008	262160	0.41	cps
Iron	57-2	6529	6641	6763	6644	1.76	cps
Krypton	83-1	300	303	373	326	12.72	cps
Lead	206-1	10710	10254	10327	10431	2.35	cps
Lead	207-1	9793	9382	9376	9517	2.51	cps
Lead	208-1	43269	42986	43381	43212	0.47	cps
Lithium	6-1	1665510	1671226	1677644	1671460	0.36	cps
Magnesium	24-2	28363	27494	26208	27355	3.96	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112040BS	Instrumnet Name :	P8
Client Sample ID :	PB112040BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:45:10	DataFile Name :	024LCS6_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	620	593	603	606	2.22	cps
Molybdenum	94-1	27028	26619	27738	27128	2.09	cps
Molybdenum	95-1	32030	30961	32933	31975	3.09	cps
Molybdenum	96-1	36149	35030	36434	35871	2.07	cps
Molybdenum	97-1	19765	20667	19607	20013	2.86	cps
Molybdenum	98-1	51700	52059	51005	51588	1.04	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1910	1914	1700	1841	6.64	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	16827	17520	17687	17345	2.63	cps
Rhodium	103-1	7433428	7266701	7296168	7332099	1.21	cps
Rhodium	103-2	2179726	2173300	2212212	2188413	0.95	cps
Scandium	45-1	4817866	4760309	4771420	4783198	0.64	cps
Scandium	45-2	38249	38730	37975	38318	1.00	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	28	24	15	22	30.06	cps
Selenium	82-1	1117	1058	1022	1066	4.52	cps
Silicon	28-1	440106	436674	437184	437988	0.42	cps
Silver	109-1	15493	16695	16027	16071	3.75	cps
Silver	107-1	16845	16853	16536	16744	1.08	cps
Sodium	23-2	70768	71379	71095	71081	0.43	cps
Strontium	86-1	4993	4584	4543	4707	5.29	cps
Strontium	88-1	35957	35389	34762	35369	1.69	cps
Sulfur	34-1	379715	377342	380270	379109	0.41	cps
Terbium	159-1	9905065	9838572	9954859	9899499	0.59	cps
Terbium	159-2	2249298	2263792	2282888	2265326	0.74	cps
Thallium	203-1	12173	12724	12390	12429	2.23	cps
Thallium	205-1	31674	30262	30204	30713	2.71	cps
Tin	118-1	53291	51759	53851	52967	2.04	cps
Titanium	47-1	9020	8728	9379	9042	3.60	cps
Uranium	238-1	40074	39297	38318	39230	2.24	cps
Vanadium	51-2	5181	5458	5458	5366	2.98	cps
Yttrium	89-1	8036687	8080382	8035624	8050898	0.32	cps
Yttrium	89-2	269722	266732	265543	267332	0.81	cps
Zinc	66-2	777	833	780	797	3.99	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112040BS	Instrumnet Name :	P8
Client Sample ID :	PB112040BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 15:45:10	DataFile Name :	024LCS6_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	23763	23454	24715	23977	2.74	cps
Zirconium	91-1	5110	5018	5726	5285	7.29	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:26:57	DataFile Name :	025CCV_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	272727	270197	269802	270909	0.59	cps
Antimony	121-1	3550179	3593021	3576704	3573301	0.61	cps
Arsenic	75-2	40355	40067	39954	40125	0.52	cps
Barium	135-1	3762382	3762254	3821332	3781989	0.90	cps
Barium	137-1	6505842	6534039	6544517	6528133	0.31	cps
Beryllium	9-1	568328	565006	561749	565028	0.58	cps
Bismuth	209-1	5794959	5773946	5768465	5779123	0.24	cps
Bismuth	209-2	1702220	1745209	1786742	1744723	2.42	cps
Boron	10-1	62612	66463	65458	64844	3.08	cps
Boron	11-1	294753	305114	308798	302888	2.40	cps
Cadmium	111-1	735342	735555	733055	734650	0.19	cps
Cadmium	106-1	79611	80129	78663	79468	0.94	cps
Cadmium	108-1	52761	53272	53477	53170	0.69	cps
Calcium	43-1	4109636	4074627	4039179	4074481	0.86	cps
Calcium	44-1	65465622	65651435	65691470	65602842	0.18	cps
Chromium	52-2	345317	342634	339919	342623	0.79	cps
Cobalt	59-2	710535	705582	704031	706716	0.48	cps
Copper	63-2	1176613	1172037	1171002	1173217	0.25	cps
Dysprosium	156-1	125	108	92	108	15.39	cps
Dysprosium	156-2	20	20	7	16	49.47	cps
Erbium	164-1	33	67	50	50	33.34	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	92	67	50	69	30.20	cps
Gadolinium	160-2	17	33	10	20	60.08	cps
Holmium	165-1	8958956	9053647	9248934	9087179	1.63	cps
Holmium	165-2	2203668	2171688	2196310	2190555	0.76	cps
Indium	115-1	6896215	6918929	6945228	6920124	0.35	cps
Indium	115-2	312707	315294	318918	315640	0.99	cps
Iron	56-2	56290418	56080398	55948221	56106346	0.31	cps
Iron	57-2	1440415	1400333	1427366	1422705	1.44	cps
Krypton	83-1	337	290	333	320	8.14	cps
Lead	206-1	2370149	2366676	2334206	2357010	0.84	cps
Lead	207-1	2163293	2165005	2123202	2150500	1.10	cps
Lead	208-1	9689273	9695099	9581851	9655408	0.66	cps
Lithium	6-1	1503830	1508291	1511330	1507817	0.25	cps
Magnesium	24-2	6077458	6055074	6045157	6059230	0.27	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:26:57	DataFile Name :	025CCV_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	188435	189104	187851	188464	0.33	cps
Molybdenum	94-1	6075288	6167548	6089571	6110802	0.81	cps
Molybdenum	95-1	7365658	7447551	7382901	7398703	0.58	cps
Molybdenum	96-1	8250282	8215163	8279720	8248388	0.39	cps
Molybdenum	97-1	4755175	4745670	4768384	4756410	0.24	cps
Molybdenum	98-1	11846897	11908373	11899170	11884813	0.28	cps
Neodymium	150-1	200	173	240	204	16.41	cps
Neodymium	150-2	10	0	10	7	86.60	cps
Nickel	60-2	208875	209260	208293	208809	0.23	cps
Phosphorus	31-2	3342	3334	3151	3276	3.31	cps
Potassium	39-2	1605784	1589251	1592475	1595837	0.55	cps
Rhodium	103-1	6291271	6294667	6318936	6301625	0.24	cps
Rhodium	103-2	1855327	1872460	1876461	1868083	0.60	cps
Scandium	45-1	4410053	4372367	4399554	4393991	0.44	cps
Scandium	45-2	33554	33376	34616	33849	1.98	cps
Selenium	77-2	240	237	280	252	9.56	cps
Selenium	78-2	1022	943	894	953	6.77	cps
Selenium	82-1	47658	47276	47100	47344	0.60	cps
Silicon	28-1	1998780	2016109	2030288	2015059	0.78	cps
Silver	109-1	3549140	3570154	3464963	3528085	1.58	cps
Silver	107-1	3655048	3688308	3638765	3660707	0.69	cps
Sodium	23-2	14084460	13856216	13867848	13936175	0.92	cps
Strontium	86-1	928875	929332	926957	928388	0.14	cps
Strontium	88-1	8065221	8153544	8014061	8077609	0.87	cps
Sulfur	34-1	626880	628556	621732	625722	0.57	cps
Terbium	159-1	9211327	9194542	9236514	9214128	0.23	cps
Terbium	159-2	2038835	2089112	2091733	2073227	1.44	cps
Thallium	203-1	2904073	2890248	2928605	2907642	0.67	cps
Thallium	205-1	6837417	6858847	6828813	6841692	0.23	cps
Tin	118-1	2468143	2481805	2466772	2472240	0.34	cps
Titanium	47-1	2098241	2086640	2086809	2090563	0.32	cps
Uranium	238-1	9438258	9552674	9566571	9519168	0.74	cps
Vanadium	51-2	249329	248723	248590	248881	0.16	cps
Yttrium	89-1	7382999	7463053	7338045	7394699	0.86	cps
Yttrium	89-2	236776	240276	241603	239552	1.04	cps
Zinc	66-2	108449	107308	108030	107929	0.54	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:26:57	DataFile Name :	025CCV_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5106127	5192111	5135224	5144487	0.85	cps
Zirconium	91-1	1126376	1134866	1119938	1127060	0.66	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:30:08	DataFile Name :	026CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	15	13	17	31.25	cps
Antimony	121-1	7844	7269	6619	7244	8.47	cps
Arsenic	75-2	6	7	9	7	24.97	cps
Barium	135-1	200	117	83	133	45.07	cps
Barium	137-1	283	300	250	278	9.16	cps
Beryllium	9-1	394	339	311	348	12.19	cps
Bismuth	209-1	6456963	6484892	6549386	6497080	0.73	cps
Bismuth	209-2	1950116	1965014	1988304	1967811	0.98	cps
Boron	10-1	2425	2034	2225	2228	8.79	cps
Boron	11-1	11263	9804	9078	10048	11.08	cps
Cadmium	111-1	1183	1284	1411	1293	8.82	cps
Cadmium	106-1	1592	1750	1967	1770	10.64	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Calcium	43-1	650	608	692	650	6.41	cps
Calcium	44-1	21200	20733	20399	20777	1.94	cps
Chromium	52-2	460	390	423	424	8.25	cps
Cobalt	59-2	53	23	67	48	46.46	cps
Copper	63-2	590	440	507	512	14.67	cps
Dysprosium	156-1	0	50	25	25	100.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	58	8	31	83.33	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	50	17	83	50	66.67	cps
Gadolinium	160-2	3	17	13	11	62.48	cps
Holmium	165-1	9529004	9784942	9621792	9645246	1.34	cps
Holmium	165-2	2328162	2317099	2314978	2320080	0.31	cps
Indium	115-1	7655716	7711049	7732575	7699780	0.51	cps
Indium	115-2	351676	355534	350404	352538	0.76	cps
Iron	56-2	3456	3312	3095	3288	5.53	cps
Iron	57-2	94	83	83	87	7.37	cps
Krypton	83-1	353	367	297	339	10.97	cps
Lead	206-1	594	611	511	572	9.36	cps
Lead	207-1	517	533	489	513	4.38	cps
Lead	208-1	2478	2389	2195	2354	6.16	cps
Lithium	6-1	1654959	1673949	1644601	1657837	0.90	cps
Magnesium	24-2	517	492	308	439	25.92	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:30:08	DataFile Name :	026CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	87	77	79	8.80	cps
Molybdenum	94-1	2442	2059	1625	2042	20.01	cps
Molybdenum	95-1	3059	2875	2550	2828	9.10	cps
Molybdenum	96-1	3484	3476	3084	3348	6.83	cps
Molybdenum	97-1	2192	1984	1508	1895	18.49	cps
Molybdenum	98-1	5060	4409	4142	4537	10.40	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	733	647	620	667	8.89	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3109	2959	2984	3017	2.66	cps
Rhodium	103-1	7220979	7309017	7281507	7270501	0.62	cps
Rhodium	103-2	2127547	2116980	2093339	2112622	0.83	cps
Scandium	45-1	4687576	4786596	4727579	4733917	1.05	cps
Scandium	45-2	36905	36254	36411	36523	0.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-3	-36	18	-7	-400.27	cps
Silicon	28-1	321346	316091	450885	362774	21.05	cps
Silver	109-1	300	225	200	242	21.54	cps
Silver	107-1	333	192	258	261	27.14	cps
Sodium	23-2	10563	10988	10663	10738	2.07	cps
Strontium	86-1	583	592	625	600	3.68	cps
Strontium	88-1	292	317	350	319	9.16	cps
Sulfur	34-1	367434	373075	365690	368733	1.05	cps
Terbium	159-1	9878061	9921226	9978585	9925957	0.51	cps
Terbium	159-2	2204358	2221059	2157644	2194354	1.50	cps
Thallium	203-1	1042	1150	933	1042	10.40	cps
Thallium	205-1	2417	2217	2217	2284	5.06	cps
Tin	118-1	2217	2025	1800	2014	10.36	cps
Titanium	47-1	200	225	192	206	8.44	cps
Uranium	238-1	375	308	342	342	9.76	cps
Vanadium	51-2	10	3	20	11	75.52	cps
Yttrium	89-1	7967423	8072499	7997441	8012454	0.68	cps
Yttrium	89-2	258443	258934	253247	256875	1.23	cps
Zinc	66-2	277	197	230	234	17.14	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:30:08	DataFile Name :	026CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1592	1417	1217	1408	13.32	cps
Zirconium	91-1	225	267	375	289	26.80	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : PB112220BL Instrumnet Name : P8
 Client Sample ID : PB112220BL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:33:30 DataFile Name : 027CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	13	20	18	28.41	cps
Antimony	121-1	2150	1875	1759	1928	10.43	cps
Arsenic	75-2	11	6	4	7	56.78	cps
Barium	135-1	67	17	33	39	65.47	cps
Barium	137-1	75	108	58	81	31.60	cps
Beryllium	9-1	211	206	178	198	9.01	cps
Bismuth	209-1	6542182	6326713	6473246	6447380	1.71	cps
Bismuth	209-2	1975403	1950515	1964256	1963391	0.63	cps
Boron	10-1	1175	1158	1000	1111	8.69	cps
Boron	11-1	4509	4834	4893	4745	4.35	cps
Cadmium	111-1	1211	1155	1048	1138	7.31	cps
Cadmium	106-1	1717	1625	1475	1606	7.60	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Calcium	43-1	558	525	567	550	4.01	cps
Calcium	44-1	18179	18446	18914	18513	2.01	cps
Chromium	52-2	533	477	447	486	9.07	cps
Cobalt	59-2	43	43	50	46	8.45	cps
Copper	63-2	470	497	480	482	2.79	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	42	75	33	50	44.10	cps
Gadolinium	160-2	13	0	10	8	89.21	cps
Holmium	165-1	9688903	9335708	9693514	9572708	2.14	cps
Holmium	165-2	2322445	2297052	2309572	2309690	0.55	cps
Indium	115-1	7737151	7567194	7793677	7699341	1.53	cps
Indium	115-2	353648	346809	350007	350155	0.98	cps
Iron	56-2	2056	2350	2189	2198	6.71	cps
Iron	57-2	56	44	61	54	15.80	cps
Krypton	83-1	390	397	340	376	8.25	cps
Lead	206-1	389	356	306	350	11.98	cps
Lead	207-1	306	361	350	339	8.67	cps
Lead	208-1	1650	1517	1606	1591	4.27	cps
Lithium	6-1	1674117	1632268	1636465	1647616	1.40	cps
Magnesium	24-2	308	392	367	356	12.03	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112220BL	Instrumnet Name :	P8
Client Sample ID :	PB112220BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:33:30	DataFile Name :	027CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	107	93	82	38.32	cps
Molybdenum	94-1	900	808	775	828	7.82	cps
Molybdenum	95-1	825	925	750	833	10.54	cps
Molybdenum	96-1	1033	975	950	986	4.34	cps
Molybdenum	97-1	475	483	567	508	9.97	cps
Molybdenum	98-1	1317	1075	1275	1222	10.57	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	767	783	787	779	1.38	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2775	2584	2909	2756	5.93	cps
Rhodium	103-1	7262466	7087984	7276537	7208996	1.46	cps
Rhodium	103-2	2117163	2133849	2105531	2118847	0.67	cps
Scandium	45-1	4789295	4595023	4781970	4722096	2.33	cps
Scandium	45-2	36962	36000	36274	36412	1.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-48	-24	-13	-28	-63.77	cps
Silicon	28-1	319432	315202	318254	317629	0.69	cps
Silver	109-1	117	133	67	106	32.87	cps
Silver	107-1	175	175	117	156	21.65	cps
Sodium	23-2	9795	9495	9795	9695	1.79	cps
Strontium	86-1	633	600	542	592	7.84	cps
Strontium	88-1	175	183	150	169	10.24	cps
Sulfur	34-1	372698	372916	372102	372572	0.11	cps
Terbium	159-1	9926609	9675294	9996047	9865984	1.71	cps
Terbium	159-2	2179049	2205444	2165532	2183341	0.93	cps
Thallium	203-1	492	550	575	539	7.94	cps
Thallium	205-1	1092	1225	1217	1178	6.34	cps
Tin	118-1	1042	992	942	992	5.04	cps
Titanium	47-1	125	100	100	108	13.33	cps
Uranium	238-1	33	33	158	75	96.23	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Yttrium	89-1	8019234	7806779	8015264	7947092	1.53	cps
Yttrium	89-2	258670	258414	256935	258006	0.36	cps
Zinc	66-2	180	193	197	190	4.64	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112220BL	Instrumnet Name :	P8
Client Sample ID :	PB112220BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:33:30	DataFile Name :	027CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1075	1208	858	1047	16.87	cps
Zirconium	91-1	275	183	133	197	36.43	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112220BS	Instrumnet Name :	P8
Client Sample ID :	PB112220BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:36:51	DataFile Name :	028LCS6_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52793	53132	52966	52963	0.32	cps
Antimony	121-1	3681258	3728081	3714919	3708086	0.65	cps
Arsenic	75-2	42876	42448	42478	42601	0.56	cps
Barium	135-1	3852263	3891159	3877761	3873728	0.51	cps
Barium	137-1	6689927	6707783	6685681	6694464	0.18	cps
Beryllium	9-1	578808	577873	576275	577652	0.22	cps
Bismuth	209-1	6236014	5972241	6198522	6135592	2.33	cps
Bismuth	209-2	1895845	1942219	1898615	1912227	1.36	cps
Boron	10-1	63592	65918	67098	65536	2.72	cps
Boron	11-1	294737	305948	310382	303689	2.66	cps
Cadmium	111-1	773746	776675	782230	777550	0.55	cps
Cadmium	106-1	84004	84540	83642	84062	0.54	cps
Cadmium	108-1	57141	56690	55322	56384	1.68	cps
Calcium	43-1	835134	839088	832267	835496	0.41	cps
Calcium	44-1	13605298	13646425	13591319	13614347	0.21	cps
Chromium	52-2	347966	347171	347373	347503	0.12	cps
Cobalt	59-2	752214	752416	745396	750009	0.53	cps
Copper	63-2	1280830	1281721	1279235	1280595	0.10	cps
Dysprosium	156-1	83	83	50	72	26.65	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	50	33	42	42	19.99	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	75	67	58	67	12.49	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	9318101	9121618	9464514	9301411	1.85	cps
Holmium	165-2	2309363	2314370	2297021	2306918	0.39	cps
Indium	115-1	7295368	7186000	7414052	7298474	1.56	cps
Indium	115-2	337026	340962	336380	338123	0.73	cps
Iron	56-2	11837971	11810260	11725695	11791308	0.50	cps
Iron	57-2	295290	294684	295579	295184	0.15	cps
Krypton	83-1	343	443	357	381	14.25	cps
Lead	206-1	2450452	2412663	2395877	2419664	1.16	cps
Lead	207-1	2238054	2240455	2227854	2235454	0.30	cps
Lead	208-1	10013016	9940467	9973343	9975609	0.36	cps
Lithium	6-1	1589388	1583730	1608147	1593755	0.80	cps
Magnesium	24-2	1341447	1350165	1351411	1347675	0.40	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112220BS	Instrumnet Name :	P8
Client Sample ID :	PB112220BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:36:51	DataFile Name :	028LCS6_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	198681	197099	197163	197648	0.45	cps
Molybdenum	94-1	6214004	6230717	6181014	6208578	0.41	cps
Molybdenum	95-1	7542010	7664131	7626966	7611036	0.82	cps
Molybdenum	96-1	8364397	8491580	8456697	8437558	0.78	cps
Molybdenum	97-1	4814242	4852272	4828919	4831811	0.40	cps
Molybdenum	98-1	12009538	12167207	12110604	12095783	0.66	cps
Neodymium	150-1	180	167	187	178	5.73	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	218936	219678	217450	218688	0.52	cps
Phosphorus	31-2	3392	3834	3609	3612	6.12	cps
Potassium	39-2	336159	339049	334327	336512	0.71	cps
Rhodium	103-1	6801309	6694986	6827007	6774434	1.03	cps
Rhodium	103-2	2023431	2014352	2006629	2014804	0.42	cps
Scandium	45-1	4563074	4483695	4587528	4544766	1.19	cps
Scandium	45-2	36411	36785	35445	36214	1.91	cps
Selenium	77-2	287	287	317	297	5.84	cps
Selenium	78-2	1017	932	965	971	4.42	cps
Selenium	82-1	49135	48764	49257	49052	0.52	cps
Silicon	28-1	2186872	2179577	2171107	2179185	0.36	cps
Silver	109-1	3717581	3748052	3729730	3731788	0.41	cps
Silver	107-1	3853623	3876682	3887924	3872743	0.45	cps
Sodium	23-2	3057486	2976174	3004540	3012733	1.37	cps
Strontium	86-1	942887	950664	955974	949842	0.69	cps
Strontium	88-1	8217672	8185068	8318322	8240354	0.84	cps
Sulfur	34-1	637965	632322	628822	633036	0.73	cps
Terbium	159-1	9543329	9383082	9641113	9522508	1.37	cps
Terbium	159-2	2210857	2206353	2160961	2192724	1.26	cps
Thallium	203-1	2971555	2992567	2965007	2976376	0.48	cps
Thallium	205-1	7096107	6999763	7055438	7050436	0.69	cps
Tin	118-1	2531628	2567094	2561469	2553397	0.75	cps
Titanium	47-1	2130446	2130421	2152971	2137946	0.61	cps
Uranium	238-1	9610941	9511296	9586728	9569655	0.54	cps
Vanadium	51-2	259575	259304	258132	259004	0.30	cps
Yttrium	89-1	7626760	7609161	7801540	7679154	1.38	cps
Yttrium	89-2	253187	253846	250363	252466	0.73	cps
Zinc	66-2	117643	116249	116763	116885	0.60	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	PB112220BS	Instrumnet Name :	P8
Client Sample ID :	PB112220BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:36:51	DataFile Name :	028LCS6_P8082118- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5263373	5287182	5254509	5268354	0.32	cps
Zirconium	91-1	1131692	1144167	1150130	1141996	0.82	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-01 Instrumnet Name : P8
 Client Sample ID : KY037MW097-180815 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:40:04 DataFile Name : 029SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	25	45	37	28.38	cps
Antimony	121-1	24557	23046	23163	23588	3.56	cps
Arsenic	75-2	565	489	469	507	10.00	cps
Barium	135-1	140000	139689	138696	139462	0.49	cps
Barium	137-1	244430	245268	245013	244904	0.18	cps
Beryllium	9-1	450	344	328	374	17.72	cps
Bismuth	209-1	6161284	6247948	6344754	6251329	1.47	cps
Bismuth	209-2	1750828	1666599	1665692	1694373	2.89	cps
Boron	10-1	49219	49026	50716	49654	1.86	cps
Boron	11-1	237241	230194	234968	234135	1.54	cps
Cadmium	111-1	1515	1522	1411	1483	4.18	cps
Cadmium	106-1	1592	1584	1609	1595	0.80	cps
Cadmium	108-1	58	46	63	56	15.62	cps
Calcium	43-1	1817113	1808670	1782466	1802750	1.00	cps
Calcium	44-1	29257909	28933343	28415981	28869078	1.47	cps
Chromium	52-2	1013	850	873	912	9.68	cps
Cobalt	59-2	1303	1077	1033	1138	12.75	cps
Copper	63-2	6155	6165	6111	6144	0.46	cps
Dysprosium	156-1	8	75	33	39	86.61	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	100	33	108	81	51.03	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	108	50	58	72	43.68	cps
Gadolinium	160-2	3	17	10	10	66.70	cps
Holmium	165-1	8772315	9214220	9263246	9083260	2.98	cps
Holmium	165-2	2052659	2028698	2005080	2028812	1.17	cps
Indium	115-1	6990321	7107670	7029466	7042486	0.85	cps
Indium	115-2	283725	280912	281707	282115	0.51	cps
Iron	56-2	581980	572161	566850	573664	1.34	cps
Iron	57-2	14636	14430	14163	14410	1.64	cps
Krypton	83-1	420	467	413	433	6.71	cps
Lead	206-1	2978	2378	2211	2523	15.99	cps
Lead	207-1	2645	2206	2111	2321	12.27	cps
Lead	208-1	12130	9885	9107	10374	15.13	cps
Lithium	6-1	1865833	1884495	1894672	1881667	0.78	cps
Magnesium	24-2	409671	397188	388137	398332	2.71	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-01	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:40:04	DataFile Name :	029SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67275	65349	65362	65995	1.68	cps
Molybdenum	94-1	35614	34503	35397	35171	1.67	cps
Molybdenum	95-1	57188	58728	56511	57476	1.98	cps
Molybdenum	96-1	62470	61884	60586	61647	1.56	cps
Molybdenum	97-1	36993	36032	36659	36562	1.33	cps
Molybdenum	98-1	93723	92809	90526	92353	1.78	cps
Neodymium	150-1	47	53	40	47	14.29	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1410	1420	1510	1447	3.81	cps
Phosphorus	31-2	17	25	17	19	24.73	cps
Potassium	39-2	29206	27586	27486	28093	3.44	cps
Rhodium	103-1	6333090	6475755	6432300	6413715	1.14	cps
Rhodium	103-2	1762526	1737121	1746911	1748853	0.73	cps
Scandium	45-1	4122303	4155389	4097832	4125175	0.70	cps
Scandium	45-2	28021	26645	26318	26995	3.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	43	-9	22	19	137.27	cps
Silicon	28-1	31287167	30592262	30462272	30780567	1.44	cps
Silver	109-1	9262	8978	8011	8750	7.49	cps
Silver	107-1	10079	9170	7894	9048	12.13	cps
Sodium	23-2	2702478	2677404	2597235	2659039	2.07	cps
Strontium	86-1	1308897	1310748	1310109	1309918	0.07	cps
Strontium	88-1	11397653	11386655	11386315	11390208	0.06	cps
Sulfur	34-1	833594	811038	802740	815791	1.96	cps
Terbium	159-1	9208275	9423109	9467810	9366398	1.48	cps
Terbium	159-2	1932541	1909052	1915978	1919190	0.63	cps
Thallium	203-1	12615	8195	5602	8804	40.28	cps
Thallium	205-1	29887	19608	13892	21129	38.36	cps
Tin	118-1	18355	18005	16769	17710	4.70	cps
Titanium	47-1	1100	742	700	847	25.96	cps
Uranium	238-1	25460	26437	26187	26028	1.95	cps
Vanadium	51-2	97	123	83	101	20.14	cps
Yttrium	89-1	7118156	7198141	7252841	7189713	0.94	cps
Yttrium	89-2	202995	200408	199095	200833	0.99	cps
Zinc	66-2	2144	2017	2067	2076	3.07	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-01	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:40:04	DataFile Name :	029SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6994	6652	5652	6432	10.84	cps
Zirconium	91-1	1634	1475	1208	1439	14.93	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-02 Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:43:24 DataFile Name : 030SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	38	35	38	9.96	cps
Antimony	121-1	14534	14417	14851	14600	1.54	cps
Arsenic	75-2	583	563	541	562	3.79	cps
Barium	135-1	152628	155084	155731	154481	1.06	cps
Barium	137-1	266149	269850	270830	268943	0.92	cps
Beryllium	9-1	261	233	222	239	8.39	cps
Bismuth	209-1	6293975	6306811	6311749	6304178	0.15	cps
Bismuth	209-2	1633559	1630611	1637849	1634007	0.22	cps
Boron	10-1	45331	46727	47220	46426	2.11	cps
Boron	11-1	214303	217872	219663	217279	1.26	cps
Cadmium	111-1	1117	997	1156	1090	7.57	cps
Cadmium	106-1	1433	1308	1508	1417	7.13	cps
Cadmium	108-1	17	21	13	17	24.99	cps
Calcium	43-1	1733900	1727094	1702328	1721107	0.97	cps
Calcium	44-1	27661925	27725184	27972019	27786376	0.59	cps
Chromium	52-2	827	893	793	838	6.08	cps
Cobalt	59-2	370	403	370	381	5.05	cps
Copper	63-2	5721	6045	6438	6068	5.92	cps
Dysprosium	156-1	67	100	75	81	21.53	cps
Dysprosium	156-2	33	10	17	20	60.08	cps
Erbium	164-1	42	83	83	69	34.64	cps
Erbium	164-2	23	23	33	27	21.65	cps
Gadolinium	160-1	158	117	108	128	20.96	cps
Gadolinium	160-2	47	27	27	33	34.64	cps
Holmium	165-1	9209696	9390530	9358415	9319547	1.04	cps
Holmium	165-2	2015187	1996222	2013273	2008227	0.52	cps
Indium	115-1	6778272	6941869	6927645	6882595	1.32	cps
Indium	115-2	270512	272831	269844	271063	0.58	cps
Iron	56-2	829465	829812	827251	828843	0.17	cps
Iron	57-2	20432	21139	21217	20929	2.07	cps
Krypton	83-1	383	307	347	346	11.10	cps
Lead	206-1	2784	2600	2856	2747	4.80	cps
Lead	207-1	2222	2084	2334	2213	5.66	cps
Lead	208-1	10580	10313	10847	10580	2.52	cps
Lithium	6-1	1900382	1909768	1936798	1915649	0.99	cps
Magnesium	24-2	535564	533186	532181	533643	0.33	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:43:24	DataFile Name :	030SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	41792	40331	41880	41334	2.10	cps
Molybdenum	94-1	3609	3742	3492	3615	3.46	cps
Molybdenum	95-1	4418	3884	3976	4092	6.97	cps
Molybdenum	96-1	4818	4601	4576	4665	2.85	cps
Molybdenum	97-1	2709	2725	2900	2778	3.82	cps
Molybdenum	98-1	7111	6677	7244	7010	4.23	cps
Neodymium	150-1	107	127	113	116	8.81	cps
Neodymium	150-2	7	13	17	12	41.65	cps
Nickel	60-2	833	943	813	863	8.11	cps
Phosphorus	31-2	50	67	58	58	14.29	cps
Potassium	39-2	21175	21501	21859	21512	1.59	cps
Rhodium	103-1	6223008	6245797	6323533	6264113	0.84	cps
Rhodium	103-2	1691958	1676199	1698863	1689007	0.69	cps
Scandium	45-1	3844543	3947850	3864999	3885798	1.41	cps
Scandium	45-2	25126	24976	25196	25099	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	2	2	114.63	cps
Selenium	82-1	46	96	39	60	51.62	cps
Silicon	28-1	29180355	29399304	29028473	29202710	0.64	cps
Silver	109-1	2809	2850	2667	2775	3.46	cps
Silver	107-1	3167	3309	2925	3134	6.19	cps
Sodium	23-2	2478827	2454545	2454852	2462741	0.57	cps
Strontium	86-1	1319363	1325545	1337855	1327588	0.71	cps
Strontium	88-1	11644395	11594275	11658422	11632364	0.29	cps
Sulfur	34-1	397778	397530	394020	396443	0.53	cps
Terbium	159-1	9283332	9434757	9471173	9396421	1.06	cps
Terbium	159-2	1884832	1894092	1895817	1891581	0.31	cps
Thallium	203-1	892	900	775	856	8.17	cps
Thallium	205-1	2242	2242	2042	2175	5.31	cps
Tin	118-1	13374	14016	13824	13738	2.40	cps
Titanium	47-1	975	975	817	922	9.91	cps
Uranium	238-1	133416	133376	135262	134018	0.80	cps
Vanadium	51-2	190	147	163	167	13.11	cps
Yttrium	89-1	6924958	7046560	6982125	6984548	0.87	cps
Yttrium	89-2	191954	193479	191014	192149	0.65	cps
Zinc	66-2	2284	2267	2430	2327	3.86	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:43:24	DataFile Name :	030SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3392	3134	3226	3251	4.03	cps
Zirconium	91-1	900	617	700	739	19.71	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-02DUP Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815DL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:46:46 DataFile Name : 031SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	23	33	21	60.40	cps
Antimony	121-1	13649	13950	14926	14175	4.71	cps
Arsenic	75-2	537	600	611	583	6.86	cps
Barium	135-1	157637	157298	157678	157538	0.13	cps
Barium	137-1	277461	280527	276913	278300	0.70	cps
Beryllium	9-1	211	239	211	220	7.28	cps
Bismuth	209-1	6364783	6308384	6352086	6341751	0.47	cps
Bismuth	209-2	1600948	1593291	1602559	1598933	0.31	cps
Boron	10-1	45908	47722	47019	46883	1.95	cps
Boron	11-1	213972	219461	221068	218167	1.71	cps
Cadmium	111-1	1071	946	1101	1039	7.90	cps
Cadmium	106-1	1417	1267	1467	1383	7.52	cps
Cadmium	108-1	13	17	25	18	35.25	cps
Calcium	43-1	1744044	1758513	1763417	1755325	0.57	cps
Calcium	44-1	27814482	28139520	28292248	28082083	0.87	cps
Chromium	52-2	710	747	727	728	2.52	cps
Cobalt	59-2	403	367	423	398	7.23	cps
Copper	63-2	6008	6252	6292	6184	2.48	cps
Dysprosium	156-1	75	108	50	78	37.63	cps
Dysprosium	156-2	17	23	13	18	28.64	cps
Erbium	164-1	108	125	92	108	15.39	cps
Erbium	164-2	30	20	13	21	39.75	cps
Gadolinium	160-1	133	142	158	144	8.81	cps
Gadolinium	160-2	37	17	23	26	39.85	cps
Holmium	165-1	9293566	9318416	9288531	9300171	0.17	cps
Holmium	165-2	1951491	1967786	1968583	1962620	0.49	cps
Indium	115-1	6892411	6915219	6961052	6922894	0.50	cps
Indium	115-2	264707	261810	264907	263808	0.66	cps
Iron	56-2	827415	829004	825897	827439	0.19	cps
Iron	57-2	21339	20888	20861	21029	1.28	cps
Krypton	83-1	270	270	380	307	20.71	cps
Lead	206-1	2539	2356	2284	2393	5.51	cps
Lead	207-1	2000	2184	1961	2048	5.79	cps
Lead	208-1	9752	9668	9235	9552	2.91	cps
Lithium	6-1	1923241	1935742	1988470	1949151	1.78	cps
Magnesium	24-2	525446	528668	528879	527664	0.36	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-02DUP Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815DL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:46:46 DataFile Name : 031SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40960	40716	40562	40746	0.49	cps
Molybdenum	94-1	3000	3042	3134	3059	2.23	cps
Molybdenum	95-1	3609	3909	3634	3717	4.48	cps
Molybdenum	96-1	4176	4376	4201	4251	2.56	cps
Molybdenum	97-1	2309	2550	2484	2448	5.10	cps
Molybdenum	98-1	6277	6935	6552	6588	5.02	cps
Neodymium	150-1	93	67	113	91	25.70	cps
Neodymium	150-2	13	3	27	14	81.07	cps
Nickel	60-2	873	867	830	857	2.72	cps
Phosphorus	31-2	33	42	50	42	19.99	cps
Potassium	39-2	21075	21509	21601	21395	1.31	cps
Rhodium	103-1	6228786	6217055	6272386	6239409	0.47	cps
Rhodium	103-2	1648524	1658176	1646503	1651068	0.38	cps
Scandium	45-1	3771165	3827567	3863489	3820740	1.22	cps
Scandium	45-2	24431	24108	24265	24268	0.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	98	110	0	69	86.76	cps
Silicon	28-1	29336540	29379267	29407679	29374495	0.12	cps
Silver	109-1	2017	1859	1825	1900	5.39	cps
Silver	107-1	1967	1825	1867	1886	3.86	cps
Sodium	23-2	2465235	2438590	2418400	2440741	0.96	cps
Strontium	86-1	1345237	1353663	1358176	1352359	0.49	cps
Strontium	88-1	11771201	11918082	11847876	11845719	0.62	cps
Sulfur	34-1	394441	393645	394948	394345	0.17	cps
Terbium	159-1	9448565	9548423	9399373	9465453	0.80	cps
Terbium	159-2	1860283	1848570	1869494	1859449	0.56	cps
Thallium	203-1	492	417	392	433	12.01	cps
Thallium	205-1	892	900	833	875	4.15	cps
Tin	118-1	12306	12757	12949	12670	2.60	cps
Titanium	47-1	1050	875	875	933	10.83	cps
Uranium	238-1	136974	140149	141489	139537	1.66	cps
Vanadium	51-2	157	167	173	166	5.07	cps
Yttrium	89-1	6946195	7029303	6914997	6963498	0.85	cps
Yttrium	89-2	186159	185447	186501	186036	0.29	cps
Zinc	66-2	843	830	833	836	0.83	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02DUP	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815DL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:46:46	DataFile Name :	031SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2767	2175	2500	2481	11.95	cps
Zirconium	91-1	558	533	500	531	5.52	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-02LX5 Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815L Dilution Factor : 5
 Date & Time Acquired :: 2018-08-21 16:50:07 DataFile Name : 032SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	30	21	56.72	cps
Antimony	121-1	2634	2384	2384	2467	5.85	cps
Arsenic	75-2	154	148	122	141	11.89	cps
Barium	135-1	32349	32307	32641	32432	0.56	cps
Barium	137-1	55651	56187	56715	56184	0.95	cps
Beryllium	9-1	211	233	139	194	25.40	cps
Bismuth	209-1	6938632	6693906	6727836	6786792	1.95	cps
Bismuth	209-2	1590070	1864916	1913879	1789622	9.75	cps
Boron	10-1	11855	12047	11980	11961	0.81	cps
Boron	11-1	55190	56010	56027	55743	0.86	cps
Cadmium	111-1	1075	1030	1062	1056	2.21	cps
Cadmium	106-1	1517	1433	1492	1481	2.89	cps
Cadmium	108-1	17	4	17	13	57.72	cps
Calcium	43-1	368383	364815	366660	366619	0.49	cps
Calcium	44-1	6018395	6027825	6006894	6017705	0.17	cps
Chromium	52-2	613	487	560	553	11.49	cps
Cobalt	59-2	137	140	107	128	14.37	cps
Copper	63-2	2017	2010	1967	1998	1.36	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	83	33	53	50.76	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	75	100	108	94	18.37	cps
Gadolinium	160-2	20	17	3	13	66.16	cps
Holmium	165-1	10093637	9985036	9992584	10023752	0.60	cps
Holmium	165-2	1896124	2202437	2255840	2118134	9.16	cps
Indium	115-1	7707452	7647166	7550568	7635062	1.04	cps
Indium	115-2	263722	305885	314039	294549	9.17	cps
Iron	56-2	188196	186395	186124	186905	0.60	cps
Iron	57-2	4590	4757	4757	4701	2.05	cps
Krypton	83-1	337	387	313	346	10.84	cps
Lead	206-1	683	694	667	682	2.05	cps
Lead	207-1	567	506	606	559	9.01	cps
Lead	208-1	2606	2545	2567	2572	1.20	cps
Lithium	6-1	1733256	1739912	1681024	1718064	1.88	cps
Magnesium	24-2	121204	119296	119406	119969	0.89	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02LX5	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815L	Dilution Factor :	5
Date & Time Acquired ::	2018-08-21 16:50:07	DataFile Name :	032SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9470	9563	9443	9492	0.66	cps
Molybdenum	94-1	950	942	875	922	4.46	cps
Molybdenum	95-1	1017	1000	1042	1020	2.06	cps
Molybdenum	96-1	1225	1233	1383	1281	6.96	cps
Molybdenum	97-1	692	717	642	683	5.59	cps
Molybdenum	98-1	1900	1675	1642	1739	8.08	cps
Neodymium	150-1	27	47	13	29	58.08	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	633	597	710	647	8.94	cps
Phosphorus	31-2	25	0	8	11	114.58	cps
Potassium	39-2	7252	6052	6585	6630	9.07	cps
Rhodium	103-1	7143874	7030821	7066790	7080495	0.82	cps
Rhodium	103-2	1646567	1918438	1937856	1834287	8.88	cps
Scandium	45-1	4350714	4381899	4311610	4348074	0.81	cps
Scandium	45-2	24793	28619	29545	27652	9.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	40	-42	51	16	314.66	cps
Silicon	28-1	6662039	6558465	6616855	6612453	0.79	cps
Silver	109-1	983	725	817	842	15.56	cps
Silver	107-1	817	883	1025	908	11.71	cps
Sodium	23-2	548151	533814	543934	541967	1.36	cps
Strontium	86-1	284023	280756	282128	282302	0.58	cps
Strontium	88-1	2527748	2506103	2519740	2517864	0.43	cps
Sulfur	34-1	350493	348571	351167	350077	0.38	cps
Terbium	159-1	10302153	10185650	10179321	10222375	0.68	cps
Terbium	159-2	1790078	2067125	2126868	1994690	9.01	cps
Thallium	203-1	233	200	183	206	12.38	cps
Thallium	205-1	383	350	467	400	15.02	cps
Tin	118-1	1600	1608	1684	1631	2.82	cps
Titanium	47-1	267	258	325	283	12.82	cps
Uranium	238-1	28066	27623	26563	27417	2.82	cps
Vanadium	51-2	57	37	30	41	33.76	cps
Yttrium	89-1	7799960	7731691	7694444	7742031	0.69	cps
Yttrium	89-2	187601	219369	224375	210449	9.48	cps
Zinc	66-2	963	973	793	910	11.12	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02LX5	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815L	Dilution Factor :	5
Date & Time Acquired ::	2018-08-21 16:50:07	DataFile Name :	032SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	725	825	808	786	6.82	cps
Zirconium	91-1	167	158	225	183	19.81	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-03 Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815M DataFile Name : 033SMPL_P8082118- M
 Date & Time Acquired :: 2018-08-21 16:53:27

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33691	33571	33247	33503	0.68	cps
Antimony	121-1	3350369	3364144	3348547	3354353	0.25	cps
Arsenic	75-2	30233	30383	30161	30259	0.38	cps
Barium	135-1	3655360	3685048	3710365	3683591	0.75	cps
Barium	137-1	6307214	6366696	6306141	6326684	0.55	cps
Beryllium	9-1	436607	437610	437904	437374	0.16	cps
Bismuth	209-1	6250377	6222657	6160961	6211332	0.74	cps
Bismuth	209-2	1558979	1557782	1564831	1560530	0.24	cps
Boron	10-1	91801	92674	93487	92654	0.91	cps
Boron	11-1	419662	433200	440141	431001	2.42	cps
Cadmium	111-1	670065	681470	683400	678312	1.06	cps
Cadmium	106-1	72344	72696	72889	72643	0.38	cps
Cadmium	108-1	47952	49098	47939	48330	1.38	cps
Calcium	43-1	2413071	2370310	2419416	2400933	1.11	cps
Calcium	44-1	38243644	38271662	38639418	38384908	0.58	cps
Chromium	52-2	241863	242863	245412	243379	0.75	cps
Cobalt	59-2	541828	542450	543399	542559	0.15	cps
Copper	63-2	952446	952604	950041	951697	0.15	cps
Dysprosium	156-1	125	125	133	128	3.76	cps
Dysprosium	156-2	20	23	20	21	9.11	cps
Erbium	164-1	167	108	83	119	35.80	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	125	158	158	147	13.07	cps
Gadolinium	160-2	40	27	30	32	21.53	cps
Holmium	165-1	9178484	9236775	9229783	9215014	0.35	cps
Holmium	165-2	1952090	1932871	1944069	1943010	0.50	cps
Indium	115-1	6612417	6660725	6579474	6617539	0.62	cps
Indium	115-2	250874	250198	248535	249869	0.48	cps
Iron	56-2	9071464	8984342	8911498	8989101	0.89	cps
Iron	57-2	224658	223920	225297	224625	0.31	cps
Krypton	83-1	387	363	350	367	5.06	cps
Lead	206-1	2406735	2418697	2420556	2415329	0.31	cps
Lead	207-1	2122733	2112676	2157827	2131079	1.11	cps
Lead	208-1	9715301	9702007	9814247	9743852	0.63	cps
Lithium	6-1	1834303	1850976	1880105	1855128	1.25	cps
Magnesium	24-2	1426735	1413332	1405767	1415278	0.75	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-03 Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815M9 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:53:27 DataFile Name : 033SMPL_P8082118- M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	171649	170009	169790	170483	0.60	cps
Molybdenum	94-1	5365189	5383098	5427357	5391881	0.59	cps
Molybdenum	95-1	6605762	6575855	6683066	6621561	0.84	cps
Molybdenum	96-1	7325353	7394095	7332188	7350546	0.52	cps
Molybdenum	97-1	4274472	4274362	4244409	4264414	0.41	cps
Molybdenum	98-1	10618987	10562602	10602736	10594775	0.27	cps
Neodymium	150-1	220	227	187	211	10.15	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Nickel	60-2	162030	162306	161430	161922	0.28	cps
Phosphorus	31-2	33	58	25	39	44.62	cps
Potassium	39-2	228787	227790	226014	227530	0.62	cps
Rhodium	103-1	6060143	6124689	6061945	6082259	0.60	cps
Rhodium	103-2	1604000	1614533	1589252	1602595	0.79	cps
Scandium	45-1	3717182	3709873	3692957	3706671	0.34	cps
Scandium	45-2	23720	23680	23897	23766	0.49	cps
Selenium	77-2	163	173	230	189	19.03	cps
Selenium	78-2	722	672	637	677	6.32	cps
Selenium	82-1	41016	41879	41970	41622	1.27	cps
Silicon	28-1	29842212	29713543	29859172	29804976	0.27	cps
Silver	109-1	3228641	3243723	3250629	3240998	0.35	cps
Silver	107-1	3313316	3398972	3332223	3348170	1.34	cps
Sodium	23-2	4411774	4426436	4373369	4403859	0.62	cps
Strontium	86-1	2176291	2198316	2226528	2200378	1.14	cps
Strontium	88-1	18719938	19067042	19010982	18932654	0.98	cps
Sulfur	34-1	389537	390025	386015	388526	0.56	cps
Terbium	159-1	9308262	9392764	9329623	9343550	0.47	cps
Terbium	159-2	1845012	1846338	1824528	1838626	0.67	cps
Thallium	203-1	2975622	2982603	3022502	2993576	0.84	cps
Thallium	205-1	7011694	7069606	7086333	7055878	0.56	cps
Tin	118-1	2139850	2205186	2187651	2177562	1.55	cps
Titanium	47-1	1665946	1676119	1665464	1669176	0.36	cps
Uranium	238-1	10093140	10089927	10130695	10104587	0.22	cps
Vanadium	51-2	180442	179010	178970	179474	0.47	cps
Yttrium	89-1	6700171	6785561	6736432	6740721	0.64	cps
Yttrium	89-2	180671	180150	180155	180325	0.17	cps
Zinc	66-2	80653	80183	80156	80331	0.35	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-03	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815M	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:53:27	DataFile Name :	033SMPL_P8082118- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4502471	4527362	4570388	4533407	0.76	cps
Zirconium	91-1	985341	992420	1007709	995157	1.15	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-04	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815M	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:56:41	DataFile Name :	034SMPL_P8082118- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32016	31981	32275	32091	0.50	cps
Antimony	121-1	3288361	3286740	3296758	3290620	0.16	cps
Arsenic	75-2	29374	29118	29520	29337	0.69	cps
Barium	135-1	3574474	3594815	3608532	3592607	0.48	cps
Barium	137-1	6212167	6222995	6204311	6213158	0.15	cps
Beryllium	9-1	428712	425077	424257	426015	0.56	cps
Bismuth	209-1	6206224	6200222	6233111	6213186	0.28	cps
Bismuth	209-2	1555996	1553349	1555028	1554791	0.09	cps
Boron	10-1	90551	91164	93260	91659	1.55	cps
Boron	11-1	415282	423462	429453	422732	1.68	cps
Cadmium	111-1	660340	668887	667508	665578	0.69	cps
Cadmium	106-1	69731	71909	71398	71012	1.60	cps
Cadmium	108-1	47667	47601	47145	47471	0.60	cps
Calcium	43-1	2288150	2321087	2310285	2306507	0.73	cps
Calcium	44-1	37139023	36887545	37078335	37034967	0.35	cps
Chromium	52-2	234745	237459	235086	235763	0.63	cps
Cobalt	59-2	526520	528411	524699	526543	0.35	cps
Copper	63-2	925648	928217	926175	926680	0.15	cps
Dysprosium	156-1	125	142	108	125	13.33	cps
Dysprosium	156-2	23	30	13	22	37.76	cps
Erbium	164-1	67	108	133	103	32.77	cps
Erbium	164-2	37	17	20	24	43.83	cps
Gadolinium	160-1	92	133	100	108	20.35	cps
Gadolinium	160-2	20	33	23	26	27.15	cps
Holmium	165-1	9160007	9291554	9395576	9282379	1.27	cps
Holmium	165-2	1916096	1930163	1959445	1935234	1.14	cps
Indium	115-1	6551845	6673216	6642387	6622483	0.95	cps
Indium	115-2	250696	248700	248545	249314	0.48	cps
Iron	56-2	8783449	8740971	8657176	8727198	0.74	cps
Iron	57-2	220408	219530	217373	219104	0.71	cps
Krypton	83-1	293	337	360	330	10.25	cps
Lead	206-1	2374520	2368954	2378502	2373992	0.20	cps
Lead	207-1	2110563	2105506	2128159	2114743	0.56	cps
Lead	208-1	9529644	9636669	9643057	9603123	0.66	cps
Lithium	6-1	1836286	1849701	1848974	1844987	0.41	cps
Magnesium	24-2	1369389	1367876	1340196	1359154	1.21	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-04	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815M	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:56:41	DataFile Name :	034SMPL_P8082118- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	164934	164963	162468	164122	0.87	cps
Molybdenum	94-1	5231995	5269633	5288777	5263468	0.55	cps
Molybdenum	95-1	6420832	6445235	6438489	6434852	0.20	cps
Molybdenum	96-1	7135012	7185938	7203764	7174905	0.50	cps
Molybdenum	97-1	4099467	4130958	4135071	4121832	0.47	cps
Molybdenum	98-1	10367221	10372065	10288426	10342570	0.45	cps
Neodymium	150-1	227	213	153	198	19.75	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	158113	157748	157121	157661	0.32	cps
Phosphorus	31-2	33	17	33	28	34.64	cps
Potassium	39-2	221438	221560	217651	220216	1.01	cps
Rhodium	103-1	6109376	6131895	6040181	6093817	0.78	cps
Rhodium	103-2	1598235	1603601	1598694	1600176	0.19	cps
Scandium	45-1	3712887	3679385	3688586	3693619	0.47	cps
Scandium	45-2	23881	23927	23724	23844	0.45	cps
Selenium	77-2	200	170	203	191	9.61	cps
Selenium	78-2	720	659	646	675	5.86	cps
Selenium	82-1	40680	40465	40953	40700	0.60	cps
Silicon	28-1	28258561	28500724	28615024	28458103	0.64	cps
Silver	109-1	3149400	3160914	3152300	3154205	0.19	cps
Silver	107-1	3248183	3296252	3273963	3272800	0.74	cps
Sodium	23-2	4243441	4197907	4187292	4209547	0.71	cps
Strontium	86-1	2101044	2135970	2139812	2125609	1.00	cps
Strontium	88-1	18033792	18358839	18368117	18253583	1.04	cps
Sulfur	34-1	378655	375209	373076	375647	0.75	cps
Terbium	159-1	9378365	9355284	9413374	9382341	0.31	cps
Terbium	159-2	1811644	1839711	1833657	1828337	0.81	cps
Thallium	203-1	2913306	2952633	2969852	2945264	0.98	cps
Thallium	205-1	6870193	6923482	6984447	6926041	0.83	cps
Tin	118-1	2109901	2128238	2149369	2129169	0.93	cps
Titanium	47-1	1606041	1623274	1628737	1619351	0.73	cps
Uranium	238-1	9901220	10040481	10100376	10014026	1.02	cps
Vanadium	51-2	174150	174777	172931	173953	0.54	cps
Yttrium	89-1	6702814	6785814	6811111	6766580	0.84	cps
Yttrium	89-2	182380	182161	180988	181843	0.41	cps
Zinc	66-2	77079	78863	77994	77979	1.14	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-04	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815M	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:56:41	DataFile Name :	034SMPL_P8082118- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4388734	4452418	4446376	4429176	0.79	cps
Zirconium	91-1	960022	976401	981660	972694	1.16	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-02A Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815A Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:59:55 DataFile Name : 035SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32701	32505	32390	32532	0.48	cps
Antimony	121-1	3330621	3308374	3360163	3333052	0.78	cps
Arsenic	75-2	29262	29815	29218	29432	1.13	cps
Barium	135-1	3668992	3652617	3642919	3654843	0.36	cps
Barium	137-1	6313201	6298529	6282563	6298098	0.24	cps
Beryllium	9-1	429504	431254	428052	429603	0.37	cps
Bismuth	209-1	6212145	6191896	6245566	6216535	0.44	cps
Bismuth	209-2	1545064	1524138	1574698	1547966	1.64	cps
Boron	10-1	91500	92615	94006	92707	1.35	cps
Boron	11-1	419887	432737	439132	430585	2.28	cps
Cadmium	111-1	674604	670402	676274	673760	0.45	cps
Cadmium	106-1	70326	71994	70132	70817	1.44	cps
Cadmium	108-1	47797	48600	47601	47999	1.10	cps
Calcium	43-1	2323269	2334029	2374675	2343991	1.16	cps
Calcium	44-1	37440798	37603249	37733768	37592605	0.39	cps
Chromium	52-2	239852	237506	239324	238894	0.52	cps
Cobalt	59-2	535643	527227	530604	531158	0.80	cps
Copper	63-2	941761	935914	931471	936382	0.55	cps
Dysprosium	156-1	117	100	83	100	16.66	cps
Dysprosium	156-2	23	17	23	21	18.21	cps
Erbium	164-1	150	108	133	131	16.06	cps
Erbium	164-2	27	13	23	21	32.88	cps
Gadolinium	160-1	183	117	117	139	27.71	cps
Gadolinium	160-2	40	27	33	33	20.00	cps
Holmium	165-1	9276818	9195178	9418990	9296995	1.22	cps
Holmium	165-2	1927350	1905024	1974561	1935645	1.83	cps
Indium	115-1	6639980	6658181	6737524	6678561	0.78	cps
Indium	115-2	248854	240875	249656	246462	1.97	cps
Iron	56-2	8835522	8746651	8741361	8774511	0.60	cps
Iron	57-2	220438	220094	219436	219989	0.23	cps
Krypton	83-1	323	293	363	327	10.75	cps
Lead	206-1	2422903	2434573	2393616	2417031	0.87	cps
Lead	207-1	2136841	2140815	2165766	2147807	0.73	cps
Lead	208-1	9756307	9733792	9772004	9754034	0.20	cps
Lithium	6-1	1807633	1816175	1849740	1824516	1.22	cps
Magnesium	24-2	1364368	1384288	1386766	1378474	0.89	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-02A Instrumnet Name : P8
 Client Sample ID : KY070MW233-180815A Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 16:59:55 DataFile Name : 035SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	166468	165800	164813	165694	0.50	cps
Molybdenum	94-1	5402816	5289078	5310537	5334144	1.13	cps
Molybdenum	95-1	6539152	6536188	6534120	6536487	0.04	cps
Molybdenum	96-1	7286285	7247718	7314569	7282857	0.46	cps
Molybdenum	97-1	4196964	4239257	4202126	4212782	0.55	cps
Molybdenum	98-1	10467309	10552915	10527756	10515993	0.42	cps
Neodymium	150-1	160	247	193	200	21.86	cps
Neodymium	150-2	17	17	23	19	20.36	cps
Nickel	60-2	158928	159161	157297	158462	0.64	cps
Phosphorus	31-2	33	33	25	31	15.75	cps
Potassium	39-2	222406	219399	218724	220176	0.89	cps
Rhodium	103-1	6080851	6138211	6177255	6132106	0.79	cps
Rhodium	103-2	1600618	1565642	1601937	1589399	1.30	cps
Scandium	45-1	3617805	3682084	3705052	3668313	1.23	cps
Scandium	45-2	23861	22505	23944	23436	3.45	cps
Selenium	77-2	210	163	160	178	15.73	cps
Selenium	78-2	661	707	591	653	9.00	cps
Selenium	82-1	41166	41063	41259	41163	0.24	cps
Silicon	28-1	28977552	28845989	28995198	28939579	0.28	cps
Silver	109-1	3224066	3190016	3207955	3207346	0.53	cps
Silver	107-1	3316048	3329090	3332646	3325928	0.26	cps
Sodium	23-2	4280768	4311708	4245146	4279207	0.78	cps
Strontium	86-1	2168044	2180472	2188473	2178997	0.47	cps
Strontium	88-1	18546333	18676307	18580156	18600932	0.36	cps
Sulfur	34-1	373743	375517	375455	374905	0.27	cps
Terbium	159-1	9448210	9384060	9520914	9451062	0.72	cps
Terbium	159-2	1814596	1808817	1853256	1825556	1.32	cps
Thallium	203-1	2992829	2995869	2987391	2992030	0.14	cps
Thallium	205-1	7095557	7050792	7087859	7078069	0.34	cps
Tin	118-1	2163426	2158883	2166902	2163071	0.19	cps
Titanium	47-1	1622141	1623355	1641700	1629065	0.67	cps
Uranium	238-1	10151008	10264272	10207390	10207556	0.55	cps
Vanadium	51-2	176453	173853	174403	174903	0.78	cps
Yttrium	89-1	6800389	6833285	6780283	6804653	0.39	cps
Yttrium	89-2	179985	176016	182260	179420	1.76	cps
Zinc	66-2	78725	77726	78282	78245	0.64	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-02A	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-180815A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 16:59:55	DataFile Name :	035SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4500354	4525942	4436671	4487656	1.02	cps
Zirconium	91-1	986799	992586	986703	988696	0.34	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-05 Instrumnet Name : P8
 Client Sample ID : SS039MW002-180815 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 17:03:42 DataFile Name : 036SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	5	18	18	71.44	cps
Antimony	121-1	12656	12924	13499	13026	3.31	cps
Arsenic	75-2	6676	6370	6372	6473	2.72	cps
Barium	135-1	155100	155781	155292	155391	0.23	cps
Barium	137-1	275712	272972	274667	274450	0.50	cps
Beryllium	9-1	450	422	389	420	7.28	cps
Bismuth	209-1	6351623	6371930	6350883	6358145	0.19	cps
Bismuth	209-2	1593438	1571265	1564527	1576410	0.96	cps
Boron	10-1	24998	24814	24914	24909	0.37	cps
Boron	11-1	112464	113580	113276	113107	0.51	cps
Cadmium	111-1	1052	1125	984	1054	6.67	cps
Cadmium	106-1	1317	1492	1300	1370	7.75	cps
Cadmium	108-1	17	4	25	15	68.61	cps
Calcium	43-1	1364761	1358786	1377707	1367085	0.71	cps
Calcium	44-1	21970192	22038795	21891169	21966719	0.34	cps
Chromium	52-2	743	807	683	744	8.28	cps
Cobalt	59-2	453	500	497	483	5.39	cps
Copper	63-2	5111	5348	5098	5185	2.71	cps
Dysprosium	156-1	33	8	67	36	81.06	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	25	58	31	83.33	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	25	83	58	56	52.68	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	9149512	9208500	9406179	9254731	1.45	cps
Holmium	165-2	1917921	1917137	1900501	1911853	0.51	cps
Indium	115-1	6687528	6826314	6845626	6786489	1.27	cps
Indium	115-2	254399	251387	247497	251094	1.38	cps
Iron	56-2	2943915	2958195	2922656	2941588	0.61	cps
Iron	57-2	73287	72885	72583	72918	0.48	cps
Krypton	83-1	303	303	300	302	0.64	cps
Lead	206-1	767	733	856	785	8.05	cps
Lead	207-1	767	633	667	689	10.07	cps
Lead	208-1	3134	3056	3084	3091	1.28	cps
Lithium	6-1	1797584	1799142	1820488	1805738	0.71	cps
Magnesium	24-2	216414	216422	212785	215207	0.97	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-05	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:03:42	DataFile Name :	036SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	94399	94389	94929	94573	0.33	cps
Molybdenum	94-1	6027	5626	5343	5665	6.06	cps
Molybdenum	95-1	6944	7035	7411	7130	3.47	cps
Molybdenum	96-1	8286	9037	8261	8528	5.17	cps
Molybdenum	97-1	4268	4659	4718	4548	5.38	cps
Molybdenum	98-1	11789	12131	11622	11847	2.19	cps
Neodymium	150-1	13	20	33	22	45.83	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	597	483	553	544	10.50	cps
Phosphorus	31-2	125	100	142	122	17.16	cps
Potassium	39-2	23454	24247	22703	23468	3.29	cps
Rhodium	103-1	6085313	6175826	6186646	6149262	0.90	cps
Rhodium	103-2	1626125	1599115	1571653	1598964	1.70	cps
Scandium	45-1	3632896	3660346	3715951	3669731	1.15	cps
Scandium	45-2	23233	23467	23193	23297	0.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	72	35	53	53	34.73	cps
Silicon	28-1	33036281	33178128	33305291	33173233	0.41	cps
Silver	109-1	1000	933	875	936	6.68	cps
Silver	107-1	925	1025	933	961	5.77	cps
Sodium	23-2	1503328	1504276	1498204	1501936	0.22	cps
Strontium	86-1	812780	818384	824712	818625	0.73	cps
Strontium	88-1	7182543	7179174	7200110	7187275	0.16	cps
Sulfur	34-1	399193	397432	399304	398643	0.26	cps
Terbium	159-1	9243176	9443085	9576759	9421007	1.78	cps
Terbium	159-2	1838857	1805096	1797057	1813670	1.22	cps
Thallium	203-1	1175	1075	808	1020	18.59	cps
Thallium	205-1	2617	2434	2434	2495	4.24	cps
Tin	118-1	27095	25951	26494	26513	2.16	cps
Titanium	47-1	1033	1000	1083	1039	4.04	cps
Uranium	238-1	475	625	533	544	13.89	cps
Vanadium	51-2	73	87	113	91	22.35	cps
Yttrium	89-1	6715848	6742217	6834709	6764258	0.92	cps
Yttrium	89-2	178851	175961	175661	176824	1.00	cps
Zinc	66-2	987	1090	1143	1073	7.42	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-05	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:03:42	DataFile Name :	036SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5385	4634	4009	4676	14.73	cps
Zirconium	91-1	1200	1225	925	1117	14.91	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:18:03	DataFile Name :	037CCV_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	241852	242468	240243	241521	0.48	cps
Antimony	121-1	3607867	3614972	3573411	3598750	0.62	cps
Arsenic	75-2	37543	37495	37343	37461	0.28	cps
Barium	135-1	3858335	3854645	3798949	3837310	0.87	cps
Barium	137-1	6734950	6629659	6539517	6634709	1.47	cps
Beryllium	9-1	527509	528258	527358	527708	0.09	cps
Bismuth	209-1	6185477	6184055	6204848	6191460	0.19	cps
Bismuth	209-2	1795487	1784813	1741602	1773968	1.61	cps
Boron	10-1	59332	60937	62763	61011	2.81	cps
Boron	11-1	281145	287202	290553	286300	1.67	cps
Cadmium	111-1	740373	742890	743450	742238	0.22	cps
Cadmium	106-1	79987	79828	79275	79697	0.47	cps
Cadmium	108-1	53590	54180	53238	53669	0.89	cps
Calcium	43-1	3868169	3861302	3844147	3857872	0.32	cps
Calcium	44-1	62937181	62760316	62480853	62726117	0.37	cps
Chromium	52-2	316439	316401	316542	316461	0.02	cps
Cobalt	59-2	664760	663412	666813	664995	0.26	cps
Copper	63-2	1121635	1117138	1120023	1119598	0.20	cps
Dysprosium	156-1	67	108	75	83	26.46	cps
Dysprosium	156-2	20	10	7	12	56.76	cps
Erbium	164-1	50	17	33	33	50.00	cps
Erbium	164-2	7	17	13	12	41.65	cps
Gadolinium	160-1	133	83	75	97	32.45	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	9452421	9480066	9453933	9462140	0.16	cps
Holmium	165-2	2201703	2165089	2139708	2168833	1.44	cps
Indium	115-1	7063621	7040771	6983291	7029228	0.59	cps
Indium	115-2	304571	301582	294391	300181	1.74	cps
Iron	56-2	52136061	51830575	52037636	52001424	0.30	cps
Iron	57-2	1304816	1299261	1295905	1299994	0.35	cps
Krypton	83-1	417	380	300	366	16.32	cps
Lead	206-1	2498510	2495867	2507055	2500477	0.23	cps
Lead	207-1	2308991	2275052	2274010	2286018	0.87	cps
Lead	208-1	10179504	10180932	10227563	10196000	0.27	cps
Lithium	6-1	1447536	1456740	1459412	1454563	0.43	cps
Magnesium	24-2	5520623	5502806	5382877	5468769	1.37	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:18:03	DataFile Name :	037CCV_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173127	172469	169888	171828	1.00	cps
Molybdenum	94-1	6099877	6139624	6016581	6085361	1.03	cps
Molybdenum	95-1	7485730	7476060	7493953	7485248	0.12	cps
Molybdenum	96-1	8331129	8317075	8231432	8293212	0.65	cps
Molybdenum	97-1	4801612	4814462	4754476	4790183	0.66	cps
Molybdenum	98-1	12031483	11946856	11968514	11982284	0.37	cps
Neodymium	150-1	167	227	140	178	24.97	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	196232	196015	196765	196337	0.20	cps
Phosphorus	31-2	3201	3117	2900	3073	5.04	cps
Potassium	39-2	1433632	1428544	1420226	1427467	0.47	cps
Rhodium	103-1	6460617	6459862	6452479	6457653	0.07	cps
Rhodium	103-2	1818884	1827567	1773382	1806611	1.61	cps
Scandium	45-1	4260504	4238427	4246210	4248380	0.26	cps
Scandium	45-2	30403	30650	30206	30420	0.73	cps
Selenium	77-2	227	303	270	267	14.42	cps
Selenium	78-2	791	898	813	834	6.80	cps
Selenium	82-1	46496	46504	46634	46545	0.17	cps
Silicon	28-1	1886756	1896986	1877265	1887002	0.52	cps
Silver	109-1	3556254	3528782	3544357	3543131	0.39	cps
Silver	107-1	3732811	3662008	3686812	3693877	0.97	cps
Sodium	23-2	12555444	12480168	12560568	12532060	0.36	cps
Strontium	86-1	929677	917200	917397	921425	0.78	cps
Strontium	88-1	8130559	8053154	8011222	8064978	0.75	cps
Sulfur	34-1	584836	583693	578220	582249	0.61	cps
Terbium	159-1	9763762	9644186	9614916	9674288	0.82	cps
Terbium	159-2	2076256	2069117	2029208	2058194	1.23	cps
Thallium	203-1	3051753	3058140	3048462	3052785	0.16	cps
Thallium	205-1	7219505	7256113	7186579	7220732	0.48	cps
Tin	118-1	2517195	2500866	2498260	2505440	0.41	cps
Titanium	47-1	2006393	2018889	2002977	2009420	0.42	cps
Uranium	238-1	10214460	10131948	10328887	10225098	0.97	cps
Vanadium	51-2	227794	229149	226128	227691	0.66	cps
Yttrium	89-1	7450429	7384511	7431054	7421998	0.46	cps
Yttrium	89-2	225570	224434	219142	223049	1.54	cps
Zinc	66-2	100551	102082	100632	101088	0.85	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:18:03	DataFile Name :	037CCV_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5149385	5085180	5085731	5106765	0.72	cps
Zirconium	91-1	1128493	1126051	1114518	1123021	0.66	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P8
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 17:25:07 DataFile Name : 038CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	23	15	20	21.67	cps
Antimony	121-1	1842	2159	2342	2114	11.97	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	75	75	50	67	21.65	cps
Barium	137-1	133	133	133	133	0.00	cps
Beryllium	9-1	350	344	278	324	12.40	cps
Bismuth	209-1	6376267	6601357	6804532	6594052	3.25	cps
Bismuth	209-2	1948428	1980130	1960456	1963004	0.82	cps
Boron	10-1	1892	1592	1750	1745	8.60	cps
Boron	11-1	7844	7877	7586	7769	2.06	cps
Cadmium	111-1	1074	1146	1065	1095	4.05	cps
Cadmium	106-1	1483	1559	1467	1503	3.25	cps
Cadmium	108-1	21	17	17	18	13.30	cps
Calcium	43-1	617	683	583	628	8.11	cps
Calcium	44-1	18864	19314	19381	19186	1.47	cps
Chromium	52-2	440	440	480	453	5.09	cps
Cobalt	59-2	30	43	53	42	27.72	cps
Copper	63-2	620	767	703	697	10.56	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	33	42	75	50	44.10	cps
Gadolinium	160-2	17	0	3	7	132.33	cps
Holmium	165-1	9225944	9917131	9950257	9697777	4.22	cps
Holmium	165-2	2301238	2299392	2250663	2283764	1.26	cps
Indium	115-1	7170873	7608709	7770659	7516747	4.13	cps
Indium	115-2	330885	331953	328731	330523	0.50	cps
Iron	56-2	1739	1989	1817	1848	6.92	cps
Iron	57-2	61	50	61	57	11.17	cps
Krypton	83-1	447	407	387	413	7.39	cps
Lead	206-1	367	322	322	337	7.61	cps
Lead	207-1	283	278	272	278	2.00	cps
Lead	208-1	1239	1339	1272	1283	3.97	cps
Lithium	6-1	1484241	1553037	1576037	1537772	3.11	cps
Magnesium	24-2	308	275	308	297	6.48	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:25:07	DataFile Name :	038CCBE_P8082118- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	63	80	71	11.80	cps
Molybdenum	94-1	1025	933	892	950	7.18	cps
Molybdenum	95-1	750	825	800	792	4.82	cps
Molybdenum	96-1	1217	1133	917	1089	14.22	cps
Molybdenum	97-1	642	533	525	567	11.49	cps
Molybdenum	98-1	1517	1375	1325	1406	7.07	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	637	587	537	587	8.52	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2284	2000	2017	2100	7.57	cps
Rhodium	103-1	6766623	7072754	7177472	7005617	3.05	cps
Rhodium	103-2	2052397	2043444	2030468	2042103	0.54	cps
Scandium	45-1	4234047	4525388	4487744	4415726	3.59	cps
Scandium	45-2	32224	32524	31796	32181	1.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-120	-66	-57	-81	-41.81	cps
Silicon	28-1	290527	285442	286666	287545	0.92	cps
Silver	109-1	308	517	483	436	25.66	cps
Silver	107-1	475	617	375	489	24.84	cps
Sodium	23-2	6085	5927	6260	6090	2.74	cps
Strontium	86-1	633	642	533	603	10.00	cps
Strontium	88-1	367	392	333	364	8.04	cps
Sulfur	34-1	341341	336996	340518	339618	0.68	cps
Terbium	159-1	9547853	10076992	10072232	9899026	3.07	cps
Terbium	159-2	2124496	2184409	2158991	2155966	1.39	cps
Thallium	203-1	483	458	517	486	6.02	cps
Thallium	205-1	1275	1025	1008	1103	13.55	cps
Tin	118-1	1017	1059	983	1020	3.69	cps
Titanium	47-1	100	108	67	92	24.05	cps
Uranium	238-1	142	142	125	136	7.07	cps
Vanadium	51-2	33	3	13	17	91.67	cps
Yttrium	89-1	7255348	7781649	7847840	7628279	4.26	cps
Yttrium	89-2	236597	239748	235309	237218	0.96	cps
Zinc	66-2	203	227	230	220	6.60	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:25:07	DataFile Name :	038CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1092	1042	892	1008	10.32	cps
Zirconium	91-1	125	200	183	169	23.24	cps

LB Number : LB97456 Operator : Jaswal
 Lab Sample ID : J4541-06 Instrumnet Name : P8
 Client Sample ID : KY070MW236-180815 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-21 17:28:29 DataFile Name : 039SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483	435	430	449	6.45	cps
Antimony	121-1	10780	11147	10771	10899	1.97	cps
Arsenic	75-2	950	832	937	906	7.17	cps
Barium	135-1	179645	182517	180660	180940	0.80	cps
Barium	137-1	311053	317431	318230	315571	1.25	cps
Beryllium	9-1	411	378	344	378	8.82	cps
Bismuth	209-1	6432655	6353404	6362367	6382809	0.68	cps
Bismuth	209-2	1572320	1573022	1573407	1572916	0.04	cps
Boron	10-1	42389	43784	43918	43364	1.95	cps
Boron	11-1	198376	203532	205375	202428	1.79	cps
Cadmium	111-1	1431	1472	1403	1436	2.42	cps
Cadmium	106-1	1408	1533	1442	1461	4.43	cps
Cadmium	108-1	54	38	63	51	24.77	cps
Calcium	43-1	2301160	2309055	2280769	2296994	0.64	cps
Calcium	44-1	36943683	36963303	37040161	36982382	0.14	cps
Chromium	52-2	10167	10030	9954	10050	1.08	cps
Cobalt	59-2	2844	2760	2877	2827	2.13	cps
Copper	63-2	11225	10981	11482	11229	2.23	cps
Dysprosium	156-1	758	908	975	881	12.60	cps
Dysprosium	156-2	153	113	120	129	16.63	cps
Erbium	164-1	400	550	458	469	16.11	cps
Erbium	164-2	73	77	87	79	8.80	cps
Gadolinium	160-1	633	725	683	681	6.74	cps
Gadolinium	160-2	203	130	130	154	27.42	cps
Holmium	165-1	9065392	9132732	9165097	9121074	0.56	cps
Holmium	165-2	1918000	1933152	1941201	1930784	0.61	cps
Indium	115-1	6742226	6859412	6783884	6795174	0.87	cps
Indium	115-2	254449	254014	253409	253957	0.21	cps
Iron	56-2	1728093	1681993	1696069	1702051	1.39	cps
Iron	57-2	43229	41707	42014	42316	1.90	cps
Krypton	83-1	367	320	287	324	12.39	cps
Lead	206-1	5090	4862	4579	4844	5.29	cps
Lead	207-1	4023	4129	4301	4151	3.38	cps
Lead	208-1	19390	19212	19145	19249	0.66	cps
Lithium	6-1	1716384	1804447	1803153	1774661	2.84	cps
Magnesium	24-2	461527	452296	453511	455778	1.10	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-06	Instrumnet Name :	P8
Client Sample ID :	KY070MW236-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:28:29	DataFile Name :	039SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	49772	49320	49307	49466	0.53	cps
Molybdenum	94-1	9796	9137	7903	8945	10.74	cps
Molybdenum	95-1	5927	5701	5410	5679	4.56	cps
Molybdenum	96-1	7586	7019	6677	7094	6.47	cps
Molybdenum	97-1	3767	3767	3784	3773	0.26	cps
Molybdenum	98-1	10037	9854	9787	9893	1.31	cps
Neodymium	150-1	793	793	873	820	5.63	cps
Neodymium	150-2	93	77	83	84	9.94	cps
Nickel	60-2	6105	6078	5775	5986	3.06	cps
Phosphorus	31-2	150	108	142	133	16.54	cps
Potassium	39-2	23921	23737	24105	23921	0.77	cps
Rhodium	103-1	6157614	6164665	6186480	6169586	0.24	cps
Rhodium	103-2	1635428	1615947	1612372	1621249	0.77	cps
Scandium	45-1	3794396	3752458	3756107	3767654	0.62	cps
Scandium	45-2	23971	23597	23804	23790	0.79	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	0	0	2	173.21	cps
Selenium	82-1	351	420	442	404	11.76	cps
Silicon	28-1	27084811	27298488	26972566	27118622	0.61	cps
Silver	109-1	3367	2867	2750	2995	10.94	cps
Silver	107-1	3342	3151	2809	3101	8.72	cps
Sodium	23-2	2096777	2058028	2031816	2062207	1.58	cps
Strontium	86-1	1294505	1306138	1311820	1304154	0.68	cps
Strontium	88-1	11362900	11524198	11515730	11467609	0.79	cps
Sulfur	34-1	356831	354926	350029	353929	0.99	cps
Terbium	159-1	9285922	9282870	9403584	9324125	0.74	cps
Terbium	159-2	1792841	1823187	1813829	1809952	0.86	cps
Thallium	203-1	1575	1158	992	1242	24.20	cps
Thallium	205-1	3309	3026	2442	2925	15.11	cps
Tin	118-1	25909	24974	23672	24852	4.52	cps
Titanium	47-1	2659	2759	2842	2753	3.33	cps
Uranium	238-1	12148	12857	12615	12540	2.87	cps
Vanadium	51-2	1470	1527	1337	1445	6.75	cps
Yttrium	89-1	6878228	6857352	6836748	6857443	0.30	cps
Yttrium	89-2	180664	181512	180512	180896	0.30	cps
Zinc	66-2	31673	32445	32000	32039	1.21	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-06	Instrumnet Name :	P8
Client Sample ID :	KY070MW236-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:28:29	DataFile Name :	039SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15927	14108	14361	14799	6.66	cps
Zirconium	91-1	4453	3326	2742	3507	24.80	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-07	Instrumnet Name :	P8
Client Sample ID :	DUP-0496-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:31:49	DataFile Name :	040SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	30	30	30	0.00	cps
Antimony	121-1	10154	10354	11606	10705	7.35	cps
Arsenic	75-2	6765	6887	6746	6799	1.13	cps
Barium	135-1	154121	157021	156339	155827	0.97	cps
Barium	137-1	273504	274719	273534	273919	0.25	cps
Beryllium	9-1	233	256	167	219	21.17	cps
Bismuth	209-1	6322920	6323487	6271505	6305971	0.47	cps
Bismuth	209-2	1557620	1568143	1558233	1561332	0.38	cps
Boron	10-1	22552	22001	22744	22432	1.72	cps
Boron	11-1	104605	105470	106577	105550	0.94	cps
Cadmium	111-1	960	909	969	946	3.43	cps
Cadmium	106-1	1333	1250	1342	1308	3.87	cps
Cadmium	108-1	33	29	29	31	7.86	cps
Calcium	43-1	1383403	1373997	1393779	1383726	0.72	cps
Calcium	44-1	22242670	22136550	22206499	22195240	0.24	cps
Chromium	52-2	767	930	803	833	10.28	cps
Cobalt	59-2	543	450	500	498	9.38	cps
Copper	63-2	4884	5154	5021	5020	2.69	cps
Dysprosium	156-1	8	50	17	25	88.19	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	25	25	36	53.30	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	67	17	50	44	57.28	cps
Gadolinium	160-2	13	3	0	6	124.93	cps
Holmium	165-1	9165401	9173329	9126381	9155037	0.27	cps
Holmium	165-2	1890016	1887223	1887760	1888333	0.08	cps
Indium	115-1	6785124	6739719	6728002	6750949	0.45	cps
Indium	115-2	248515	249745	248998	249086	0.25	cps
Iron	56-2	2984646	2977003	2993821	2985157	0.28	cps
Iron	57-2	73264	72443	74102	73270	1.13	cps
Krypton	83-1	390	320	287	332	15.87	cps
Lead	206-1	694	756	722	724	4.23	cps
Lead	207-1	644	611	583	613	4.99	cps
Lead	208-1	2800	3006	2995	2934	3.94	cps
Lithium	6-1	1778504	1796175	1812738	1795806	0.95	cps
Magnesium	24-2	220390	217798	220162	219450	0.65	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-07	Instrumnet Name :	P8
Client Sample ID :	DUP-0496-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:31:49	DataFile Name :	040SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	94997	94627	95373	94999	0.39	cps
Molybdenum	94-1	4868	4759	5318	4982	5.95	cps
Molybdenum	95-1	6485	6560	6402	6482	1.22	cps
Molybdenum	96-1	7161	7219	7194	7191	0.41	cps
Molybdenum	97-1	3851	4676	4243	4256	9.70	cps
Molybdenum	98-1	10254	10530	10788	10524	2.54	cps
Neodymium	150-1	33	40	40	38	10.19	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	477	467	607	517	15.12	cps
Phosphorus	31-2	117	100	117	111	8.66	cps
Potassium	39-2	24138	23329	23504	23657	1.80	cps
Rhodium	103-1	6116364	6152592	6139360	6136106	0.30	cps
Rhodium	103-2	1597185	1596858	1591534	1595192	0.20	cps
Scandium	45-1	3679427	3679919	3668028	3675791	0.18	cps
Scandium	45-2	22996	23680	23256	23311	1.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-10	49	121	53	122.44	cps
Silicon	28-1	33554225	33599409	33663703	33605779	0.16	cps
Silver	109-1	1025	850	1192	1022	16.71	cps
Silver	107-1	1217	1142	1192	1183	3.23	cps
Sodium	23-2	1526727	1515399	1522755	1521627	0.38	cps
Strontium	86-1	825037	829778	830416	828410	0.35	cps
Strontium	88-1	7226344	7325785	7299300	7283810	0.71	cps
Sulfur	34-1	404215	401655	402800	402890	0.32	cps
Terbium	159-1	9268632	9401639	9292090	9320787	0.76	cps
Terbium	159-2	1794884	1795848	1805151	1798628	0.32	cps
Thallium	203-1	508	592	483	528	10.75	cps
Thallium	205-1	958	1167	1117	1081	10.07	cps
Tin	118-1	18889	19123	19373	19128	1.27	cps
Titanium	47-1	1300	1117	1000	1139	13.28	cps
Uranium	238-1	475	525	417	472	11.48	cps
Vanadium	51-2	67	63	80	70	12.60	cps
Yttrium	89-1	6732696	6762069	6770811	6755192	0.30	cps
Yttrium	89-2	174799	176007	176794	175867	0.57	cps
Zinc	66-2	997	1017	1153	1056	8.08	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	J4541-07	Instrumnet Name :	P8
Client Sample ID :	DUP-0496-180815	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:31:49	DataFile Name :	040SMPL_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4076	3784	3284	3715	10.78	cps
Zirconium	91-1	917	925	725	856	13.22	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:44:31	DataFile Name :	042CCV_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223933	226604	225743	225427	0.60	cps
Antimony	121-1	3330906	3369407	3402275	3367529	1.06	cps
Arsenic	75-2	35065	34242	35314	34874	1.61	cps
Barium	135-1	3588244	3630458	3584788	3601163	0.71	cps
Barium	137-1	6160933	6184682	6168683	6171433	0.20	cps
Beryllium	9-1	500222	497302	496408	497977	0.40	cps
Bismuth	209-1	6389693	6295119	6139509	6274774	2.01	cps
Bismuth	209-2	1753144	1774641	1797204	1774997	1.24	cps
Boron	10-1	56043	57893	58512	57482	2.23	cps
Boron	11-1	264180	268671	274376	269076	1.90	cps
Cadmium	111-1	692185	700149	694268	695534	0.59	cps
Cadmium	106-1	75561	75386	76350	75765	0.68	cps
Cadmium	108-1	51214	49616	49398	50076	1.98	cps
Calcium	43-1	3615563	3612302	3633046	3620304	0.31	cps
Calcium	44-1	57906462	58577147	58329693	58271101	0.58	cps
Chromium	52-2	293279	296449	294531	294753	0.54	cps
Cobalt	59-2	622286	620156	620307	620916	0.19	cps
Copper	63-2	1047084	1040941	1038143	1042056	0.44	cps
Dysprosium	156-1	50	75	92	72	29.04	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	50	50	33	44	21.66	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	75	75	58	69	13.85	cps
Gadolinium	160-2	17	17	3	12	63.01	cps
Holmium	165-1	9713014	9568242	9517107	9599454	1.06	cps
Holmium	165-2	2178366	2186244	2191605	2185405	0.30	cps
Indium	115-1	7126853	7068791	7043416	7079687	0.60	cps
Indium	115-2	295039	301348	302910	299766	1.39	cps
Iron	56-2	48410009	48395340	48425969	48410440	0.03	cps
Iron	57-2	1209338	1210036	1212666	1210680	0.14	cps
Krypton	83-1	367	337	387	363	6.93	cps
Lead	206-1	2325018	2364169	2315188	2334792	1.11	cps
Lead	207-1	2132515	2134346	2128543	2131801	0.14	cps
Lead	208-1	9605648	9620433	9526046	9584042	0.53	cps
Lithium	6-1	1475065	1480913	1478222	1478067	0.20	cps
Magnesium	24-2	5138371	5134026	5103743	5125380	0.37	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:44:31	DataFile Name :	042CCV_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	159943	159259	159215	159472	0.26	cps
Molybdenum	94-1	5652752	5649903	5644653	5649103	0.07	cps
Molybdenum	95-1	7026898	6954173	7023146	7001406	0.58	cps
Molybdenum	96-1	7847027	7752797	7700954	7766926	0.95	cps
Molybdenum	97-1	4434260	4425764	4443326	4434450	0.20	cps
Molybdenum	98-1	11218386	11149358	11104924	11157556	0.51	cps
Neodymium	150-1	207	200	193	200	3.33	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	183993	182525	183745	183421	0.43	cps
Phosphorus	31-2	3092	2959	2859	2970	3.94	cps
Potassium	39-2	1317209	1313946	1311955	1314370	0.20	cps
Rhodium	103-1	6508297	6508949	6419181	6478809	0.80	cps
Rhodium	103-2	1812099	1833838	1826049	1823995	0.60	cps
Scandium	45-1	4284729	4251549	4187890	4241389	1.16	cps
Scandium	45-2	29772	29708	30737	30072	1.92	cps
Selenium	77-2	273	227	243	248	9.54	cps
Selenium	78-2	824	837	833	832	0.80	cps
Selenium	82-1	43697	43725	43659	43694	0.08	cps
Silicon	28-1	1745017	1783652	1742841	1757170	1.31	cps
Silver	109-1	3313956	3344941	3300155	3319684	0.69	cps
Silver	107-1	3473233	3414702	3429749	3439228	0.88	cps
Sodium	23-2	11752752	11841590	11697261	11763868	0.62	cps
Strontium	86-1	849101	862028	852850	854660	0.78	cps
Strontium	88-1	7537764	7494242	7474696	7502234	0.43	cps
Sulfur	34-1	562458	556378	557504	558780	0.58	cps
Terbium	159-1	9848049	9771219	9690510	9769926	0.81	cps
Terbium	159-2	2050763	2100504	2067155	2072807	1.22	cps
Thallium	203-1	2866871	2880753	2846956	2864860	0.59	cps
Thallium	205-1	6791458	6767412	6758865	6772579	0.25	cps
Tin	118-1	2318934	2336926	2307668	2321176	0.64	cps
Titanium	47-1	1898125	1886169	1848967	1877754	1.37	cps
Uranium	238-1	9671812	9646756	9655677	9658081	0.13	cps
Vanadium	51-2	211586	211982	212552	212040	0.23	cps
Yttrium	89-1	7547077	7451600	7384657	7461111	1.09	cps
Yttrium	89-2	221458	222969	222698	222375	0.36	cps
Zinc	66-2	92801	93811	93721	93444	0.60	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:44:31	DataFile Name :	042CCV_P8082118- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4831433	4796170	4763970	4797191	0.70	cps
Zirconium	91-1	1051699	1048929	1045530	1048719	0.29	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:49:03	DataFile Name :	043CCBE_P8082118- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	15	13	13	10.83	cps
Antimony	121-1	4184	4409	4243	4279	2.73	cps
Arsenic	75-2	2	6	6	4	49.54	cps
Barium	135-1	50	50	75	58	24.74	cps
Barium	137-1	117	117	125	119	4.03	cps
Beryllium	9-1	317	400	356	357	11.67	cps
Bismuth	209-1	6571555	6905038	6873883	6783492	2.72	cps
Bismuth	209-2	1999173	1983703	1971166	1984681	0.71	cps
Boron	10-1	2067	2109	1859	2011	6.66	cps
Boron	11-1	10796	9704	9729	10076	6.19	cps
Cadmium	111-1	1114	1218	1107	1146	5.43	cps
Cadmium	106-1	1517	1675	1542	1578	5.39	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	592	667	567	608	8.55	cps
Calcium	44-1	19840	18847	18755	19147	3.14	cps
Chromium	52-2	477	483	537	499	6.59	cps
Cobalt	59-2	40	50	50	47	12.37	cps
Copper	63-2	713	607	650	657	8.17	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	58	39	44.62	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	58	58	83	67	21.65	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	9833642	10037955	9989582	9953726	1.07	cps
Holmium	165-2	2303807	2267183	2283340	2284777	0.80	cps
Indium	115-1	7672967	7856629	7748956	7759517	1.19	cps
Indium	115-2	330189	328032	327263	328495	0.46	cps
Iron	56-2	2484	2334	2322	2380	3.78	cps
Iron	57-2	67	78	56	67	16.66	cps
Krypton	83-1	333	300	330	321	5.72	cps
Lead	206-1	356	272	317	315	13.25	cps
Lead	207-1	267	250	239	252	5.55	cps
Lead	208-1	1278	1133	1267	1226	6.56	cps
Lithium	6-1	1569967	1596489	1563768	1576741	1.10	cps
Magnesium	24-2	308	333	300	314	5.53	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:49:03	DataFile Name :	043CCBE_P8082118- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	73	63	68	7.51	cps
Molybdenum	94-1	1342	1358	1283	1328	2.97	cps
Molybdenum	95-1	1792	1659	1317	1589	15.42	cps
Molybdenum	96-1	1684	2059	1784	1842	10.55	cps
Molybdenum	97-1	1158	1042	1008	1070	7.37	cps
Molybdenum	98-1	2859	2509	2300	2556	11.04	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	600	563	607	590	3.96	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2142	2200	2284	2209	3.22	cps
Rhodium	103-1	7134845	7320727	7289479	7248351	1.37	cps
Rhodium	103-2	2053565	2016088	2023396	2031016	0.98	cps
Scandium	45-1	4293200	4554501	4524420	4457374	3.21	cps
Scandium	45-2	32090	31930	31579	31866	0.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-7	12	-2	1	917.29	cps
Silicon	28-1	284710	284879	283545	284378	0.26	cps
Silver	109-1	458	400	475	444	8.86	cps
Silver	107-1	458	533	400	464	14.41	cps
Sodium	23-2	6560	6468	6460	6496	0.85	cps
Strontium	86-1	542	558	525	542	3.08	cps
Strontium	88-1	283	300	292	292	2.86	cps
Sulfur	34-1	339496	342589	340319	340801	0.47	cps
Terbium	159-1	10054685	10338268	10200382	10197778	1.39	cps
Terbium	159-2	2186725	2163821	2151186	2167244	0.83	cps
Thallium	203-1	892	667	500	686	28.65	cps
Thallium	205-1	1692	1625	1567	1628	3.84	cps
Tin	118-1	1517	1492	1342	1450	6.53	cps
Titanium	47-1	117	100	150	122	20.83	cps
Uranium	238-1	183	158	158	167	8.66	cps
Vanadium	51-2	20	7	3	10	88.20	cps
Yttrium	89-1	7744831	7937405	7818505	7833580	1.24	cps
Yttrium	89-2	238343	232997	233858	235066	1.22	cps
Zinc	66-2	253	210	263	242	11.70	cps

LB Number :	LB97456	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-21 17:49:03	DataFile Name :	043CCBE_P8082118- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	975	1208	1192	1125	11.57	cps
Zirconium	91-1	317	317	358	331	7.28	cps