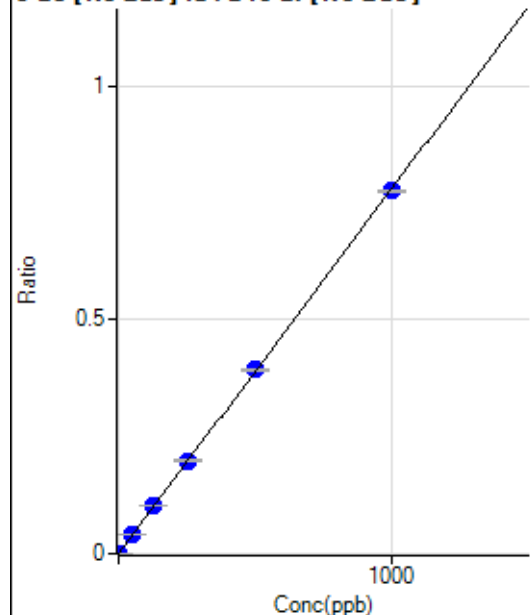


Batch Folder: D:\ICP-MS Data\P7071019MS.b\
Analysis File: P7071019MS.batch.bin
DA Date-Time: 2019-07-10 15:58:19
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2019-07-10 12:07:59
2			
3	007CAL.S.d	S02	2019-07-10 12:15:51
4	008CAL.S.d	S03	2019-07-10 12:19:57
5	009CAL.S.d	S04	2019-07-10 12:24:18
6	010CAL.S.d	S05	2019-07-10 12:28:22
7	011CAL.S.d	S06	2019-07-10 12:32:21
8	012CAL.S.d	S07	2019-07-10 12:36:19
9	013CAL.S.d	S08	2019-07-10 12:40:16

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	26.8
2	☐	0.100					
3	☐	1.000	1.039	1832.36	0.0008	P	3.3
4	☐	50.000	54.643	94294.79	0.0426	P	1.6
5	☐	125.000	132.575	227159.86	0.1033	P	2.1
6	☐	250.000	255.280	393431.39	0.1990	P	0.8
7	☐	500.000	504.736	785144.70	0.3934	P	0.6
8	☐	1000.000	995.133	1545992.05	0.7756	P	0.5
9	☐			340.01	0.0002	P	28.2

$$y = 7.7934\text{E-}004 * x + 1.4830\text{E-}005$$

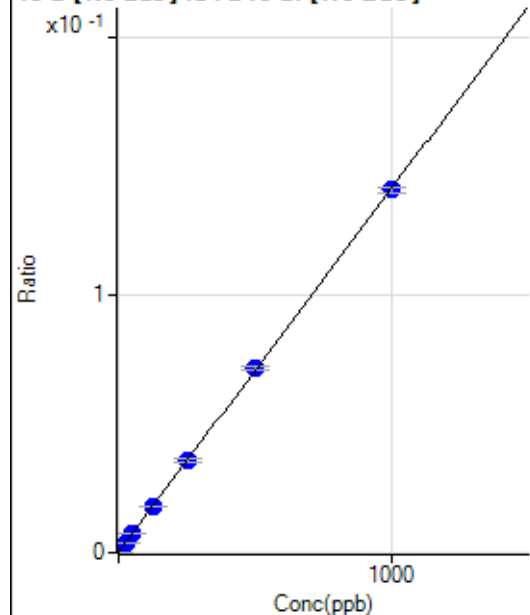
$$R = 0.9999$$

$$DL = 0.0153$$

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	586.14	0.0003	P	8.1
2	☐	2.500					
3	☐	25.000	24.542	8269.24	0.0037	P	2.0
4	☐	50.000	51.870	16765.44	0.0076	P	1.1
5	☐	125.000	125.290	39402.31	0.0179	P	2.1
6	☐	250.000	253.372	71165.75	0.0360	P	3.4
7	☐	500.000	506.061	142923.17	0.0716	P	1.2
8	☐	1000.000	996.008	280417.28	0.1407	P	1.7
9	☐			13984.74	0.0077	P	7.9

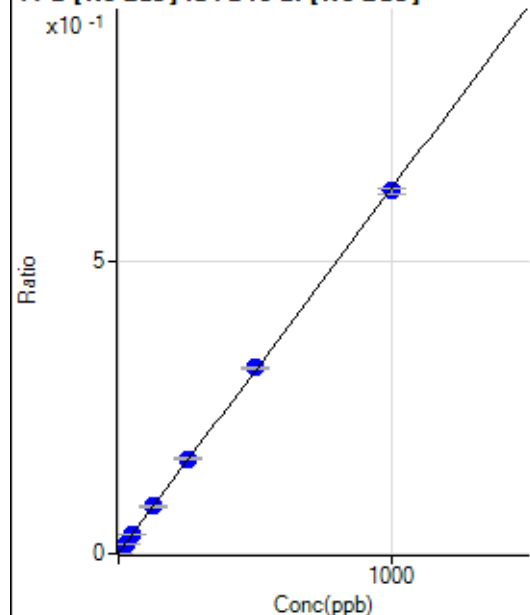
$$y = 1.4098\text{E-}004 * x + 2.6059\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.4507$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2972.64	0.0013	P	7.3
2	☐	2.500					
3	☐	25.000	25.005	37600.52	0.0169	P	0.9
4	☐	50.000	51.959	74659.96	0.0337	P	2.2
5	☐	125.000	128.057	178484.67	0.0812	P	2.5
6	☐	250.000	257.551	320296.51	0.1620	P	1.5
7	☐	500.000	509.064	636397.46	0.3189	P	1.2
8	☐	1000.000	993.100	1237382.36	0.6208	P	1.8
9	☐			60893.60	0.0335	P	8.9

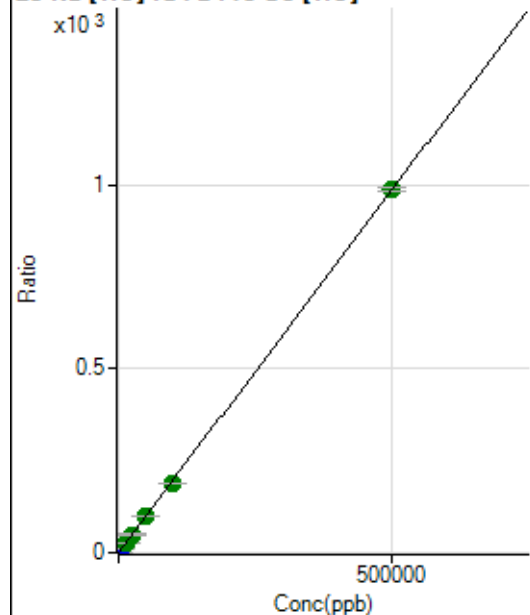
$$y = 6.2375E-004 * x + 0.0013$$

$$R = 0.9999$$

$$DL = 0.4617$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7657.80	0.0484	P	4.3
2	☐	50.000					
3	☐	500.000	524.499	168656.74	1.0801	P	0.3
4	☐	5000.000	5166.614	1585979.47	10.2117	P	1.2
5	☐	12500.000	12753.822	3698177.29	25.1365	A	1.2
6	☐	25000.000	25195.988	6645995.59	49.6116	A	1.4
7	☐	50000.000	50230.672	13391457.42	98.8575	A	0.6
8	☐	100000.00	95379.645	27831073.89	187.6703	A	0.8
9	☐	500000.00	500883.16	139501794.7	985.3391	A	1.0

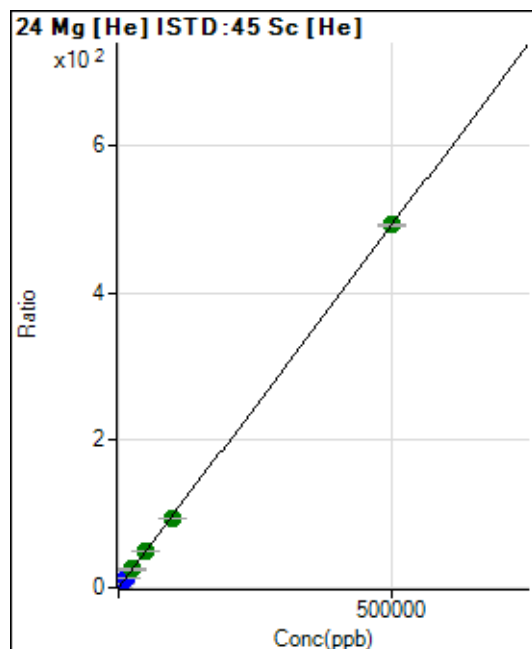
$$y = 0.0020 * x + 0.0484$$

$$R = 0.9999$$

$$DL = 3.146$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0004	P	38.7
2	☐	50.000					
3	☐	500.000	543.634	83516.10	0.5349	P	0.6
4	☐	5000.000	5272.220	805127.43	5.1839	P	1.3
5	☐	12500.000	12834.467	1856567.25	12.6190	P	1.2
6	☐	25000.000	25335.954	3337059.93	24.9103	A	1.2
7	☐	50000.000	50503.655	6726096.12	49.6549	A	0.1
8	☐	100000.00	95819.437	13971220.97	94.2087	A	0.5
9	☐	500000.00	500757.82	69704428.64	492.3386	A	0.9

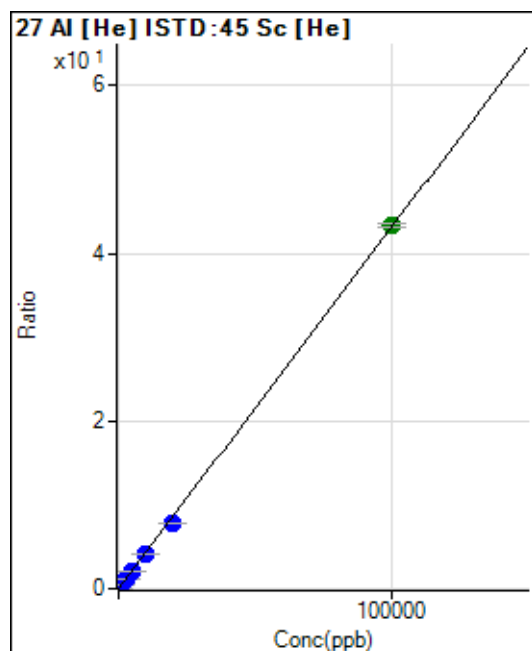
$$y = 9.8319\text{E-}004 * x + 3.6944\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.4366$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0001	P	114.
2	☐	2.000					
3	☐	20.000	19.697	1336.23	0.0086	P	9.6
4	☐	1000.000	980.840	65666.59	0.4228	P	1.9
5	☐	2500.000	2487.974	157774.23	1.0724	P	2.0
6	☐	5000.000	4796.229	276968.81	2.0673	P	0.6
7	☐	10000.000	9548.274	557474.00	4.1155	P	0.6
8	☐	20000.000	18336.020	1172064.65	7.9031	P	0.1
9	☐	100000.00	100388.64	6125848.62	43.2685	A	1.1

$$y = 4.3101\text{E-}004 * x + 7.0739\text{E-}005$$

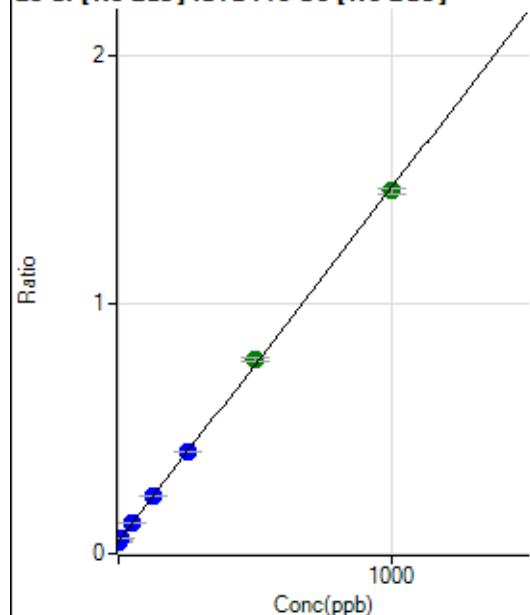
$$R = 0.9998$$

$$DL = 0.5651$$

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	167622.59	0.0499	P	1.7
2	☐	1.000					
3	☐	10.000	8.207	208430.95	0.0615	P	0.7
4	☐	50.000	51.793	413328.09	0.1233	P	0.8
5	☐	125.000	126.356	751652.57	0.2290	P	0.5
6	☐	250.000	254.039	1187315.46	0.4100	P	0.4
7	☐	500.000	515.208	2339175.60	0.7803	A	1.8
8	☐	1000.000	991.145	4567102.40	1.4550	A	1.7
9	☐			259436.43	0.0900	P	2.5

$$y = 0.0014 * x + 0.0499$$

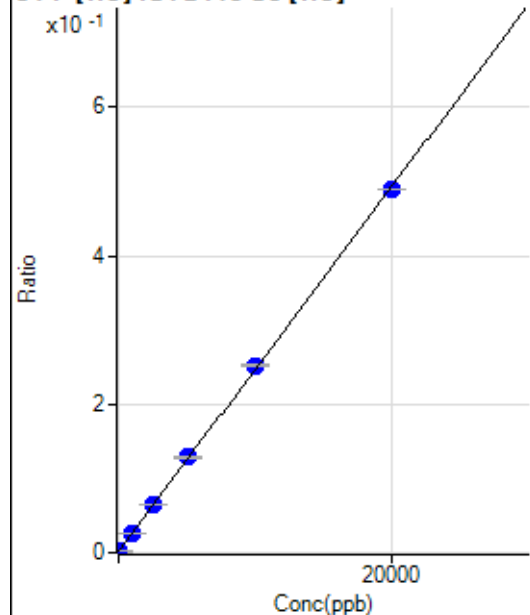
$$R = 0.9998$$

$$DL = 1.793$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-34.221	113.90	0.0007	P	16.7
2	☐	0.000					
3	☐	0.000	34.221	375.02	0.0024	P	13.2
4	☐	1000.000	1003.367	4070.17	0.0262	P	2.7
5	☐	2500.000	2576.123	9539.53	0.0648	P	2.9
6	☐	5000.000	5159.758	17188.29	0.1283	P	1.5
7	☐	10000.000	10218.111	34215.05	0.2526	P	1.8
8	☐	20000.000	19841.321	72515.58	0.4890	P	0.2
9	☐			172.23	0.0012	P	18.4

$$y = 2.4565E-005 * x + 0.0016$$

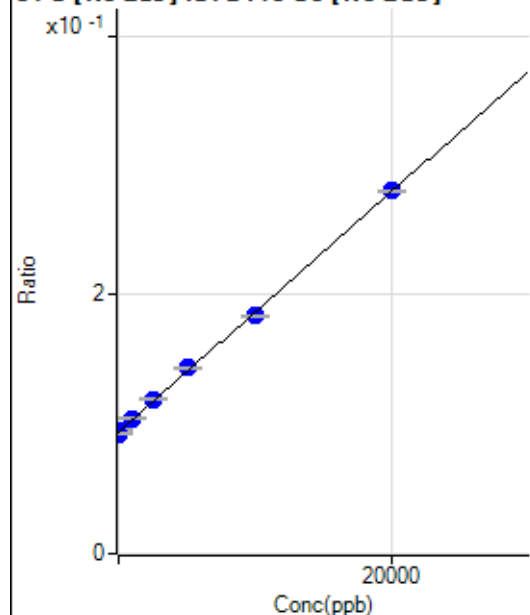
$$R = 0.9999$$

$$DL = 26.73$$

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	132.046	320559.98	0.0954	P	1.6
2	☐	0.000					
3	☐	0.000	-132.046	314842.35	0.0929	P	1.9
4	☐	1000.000	1091.923	349581.94	0.1043	P	1.3
5	☐	2500.000	2710.314	391674.32	0.1193	P	0.9
6	☐	5000.000	5323.683	415777.48	0.1436	P	1.8
7	☐	10000.000	9664.769	551505.66	0.1840	P	0.7
8	☐	20000.000	20055.809	880611.96	0.2805	P	0.4
9	☐			219175.24	0.0760	P	2.2

$$y = 9.2947\text{E-}006 * x + 0.0941$$

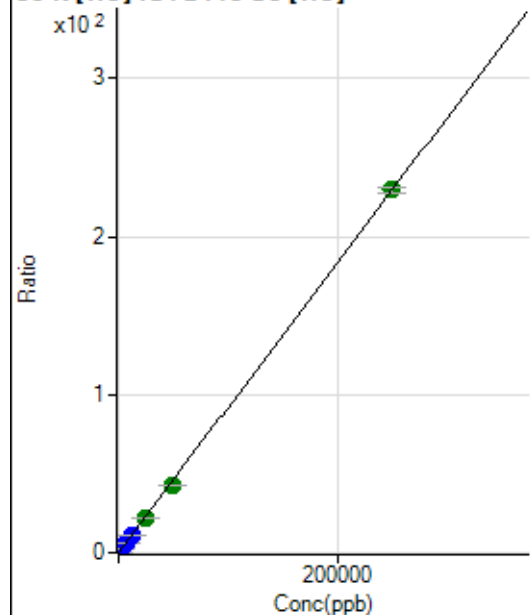
$$R = 0.9996$$

$$DL = 526.9$$

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	13387.02	0.0846	P	2.0
2	☐	50.000					
3	☐	500.000	493.455	83683.19	0.5359	P	0.6
4	☐	2500.000	2516.284	370589.18	2.3861	P	1.3
5	☐	6250.000	6255.641	854275.89	5.8064	P	0.6
6	☐	12500.000	12120.530	1496591.82	11.1708	P	0.6
7	☐	25000.000	24106.805	2998280.58	22.1342	A	0.2
8	☐	50000.000	46544.419	6325955.52	42.6571	A	0.7
9	☐	250000.00	250799.11	32489174.34	229.4817	A	1.3

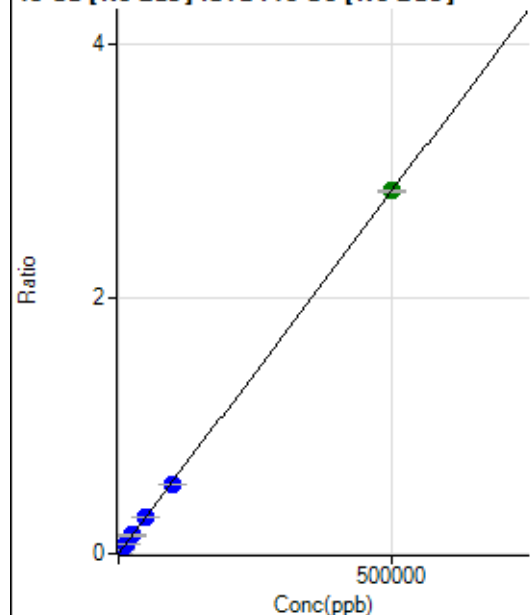
$$y = 9.1466\text{E-}004 * x + 0.0846$$

$$R = 0.9999$$

$$DL = 5.438$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	17.0
2	☐	50.000					
3	☐	500.000	470.117	9125.41	0.0027	P	2.0
4	☐	5000.000	5122.392	97648.89	0.0291	P	1.0
5	☐	12500.000	12682.191	236578.57	0.0721	P	0.9
6	☐	25000.000	25260.205	415675.97	0.1435	P	0.6
7	☐	50000.000	50402.761	858587.57	0.2864	P	0.4
8	☐	100000.00	96145.883	1714781.14	0.5463	P	0.5
9	☐	500000.00	500711.78	8202315.81	2.8449	A	0.4

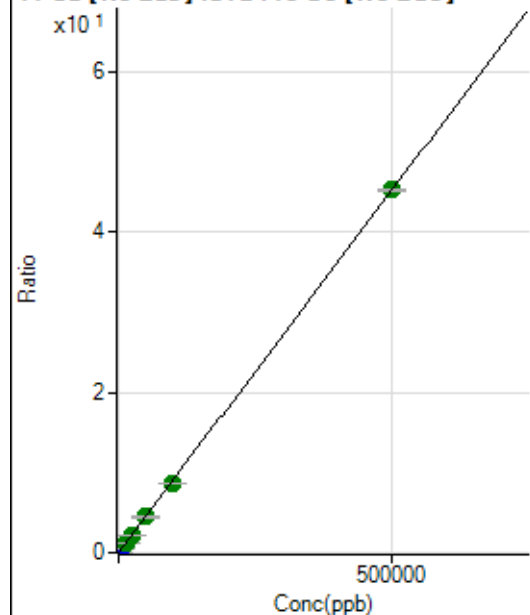
$$y = 5.6817\text{E-}006 * x + 2.1471\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.932$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8349.93	0.0025	P	3.9
2	☐	50.000					
3	☐	500.000	480.886	155698.99	0.0459	P	1.2
4	☐	5000.000	4965.782	1512885.22	0.4513	P	0.5
5	☐	12500.000	12271.448	3648419.05	1.1115	A	0.4
6	☐	25000.000	24458.532	6407544.06	2.2129	A	0.6
7	☐	50000.000	49136.740	13320064.71	4.4431	A	0.3
8	☐	100000.00	95386.850	27066575.61	8.6228	A	0.7
9	☐	500000.00	501042.10	130560620.9	45.2829	A	0.6

$$y = 9.0372\text{E-}005 * x + 0.0025$$

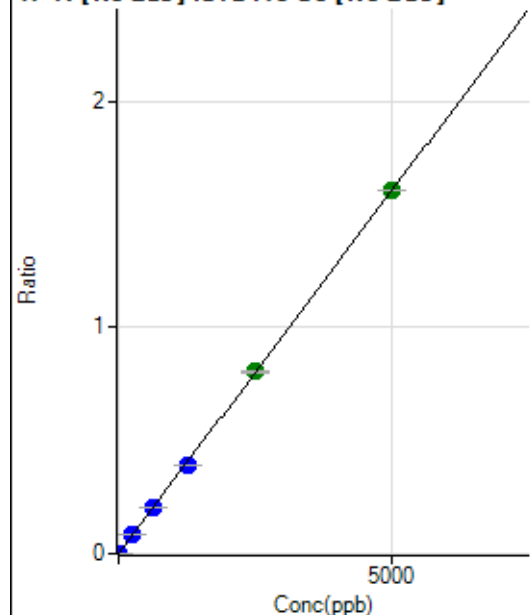
$$R = 1.0000$$

$$DL = 3.24$$

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	61.11	0.0000	P	44.4
2	☐	0.500					
3	☐	5.000	3.852	4245.23	0.0013	P	2.6
4	☐	250.000	252.564	271420.19	0.0810	P	0.2
5	☐	625.000	625.788	658334.67	0.2006	P	0.7
6	☐	1250.000	1216.318	1128690.26	0.3898	P	1.0
7	☐	2500.000	2511.848	2413316.12	0.8050	A	1.3
8	☐	5000.000	5002.271	5032168.65	1.6031	A	0.1
9	☐			1216.77	0.0004	P	25.6

$$y = 3.2047\text{E-}004 * x + 1.8201\text{E-}005$$

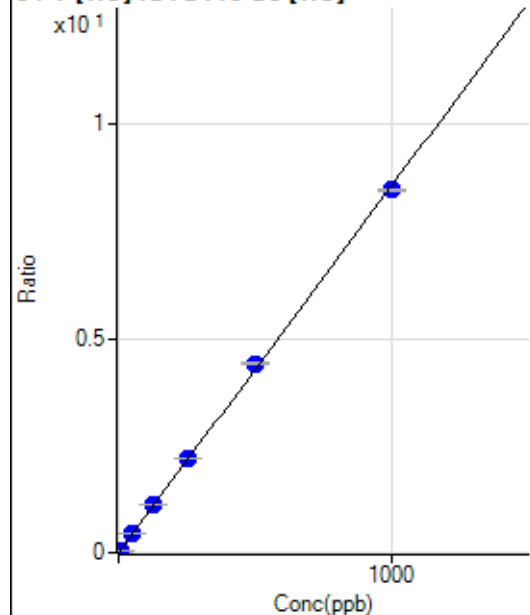
$$R = 1.0000$$

$$DL = 0.07561$$

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	10.00	0.0001	P	88.5
2	☐	0.500					
3	☐	5.000	5.335	7142.95	0.0457	P	1.7
4	☐	50.000	51.722	68782.77	0.4429	P	0.3
5	☐	125.000	130.369	164226.56	1.1162	P	0.3
6	☐	250.000	257.484	295354.09	2.2045	P	0.5
7	☐	500.000	515.928	598313.51	4.4171	P	0.6
8	☐	1000.000	989.406	1256274.40	8.4707	P	0.2
9	☐			204.45	0.0014	P	5.6

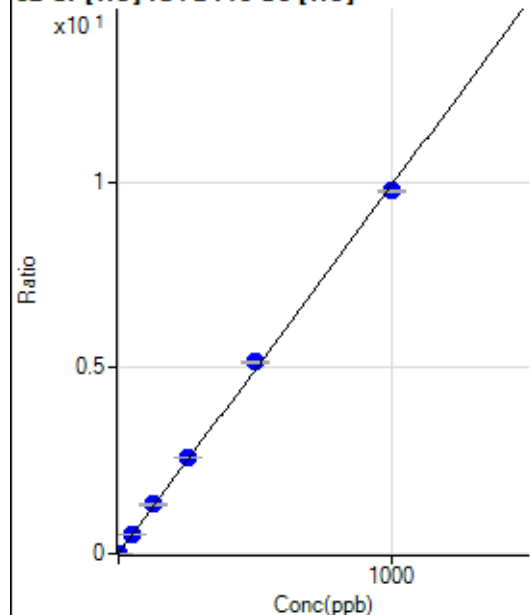
$$y = 0.0086 * x + 6.3141\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.01959$$

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	493.35	0.0031	P	3.0
2	☐	0.200					
3	☐	2.000	2.152	3812.78	0.0244	P	1.4
4	☐	50.000	52.443	81092.53	0.5221	P	1.5
5	☐	125.000	133.236	194466.28	1.3217	P	0.4
6	☐	250.000	261.514	347192.85	2.5913	P	0.1
7	☐	500.000	520.636	698367.46	5.1558	P	0.7
8	☐	1000.000	985.652	1447240.27	9.7581	P	0.6
9	☐			14699.70	0.1038	P	0.7

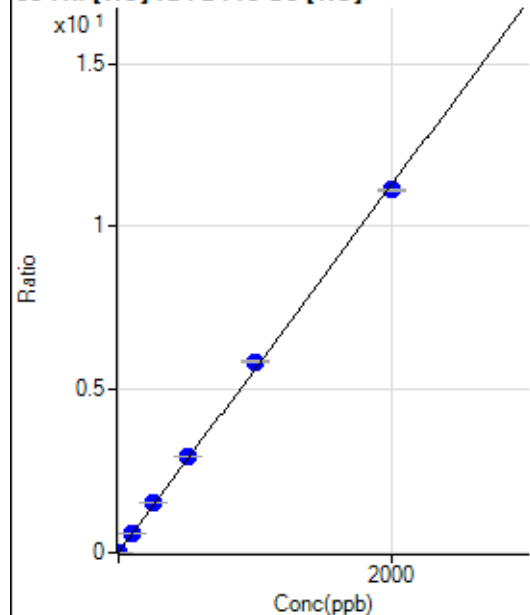
$$y = 0.0099 * x + 0.0031$$

$$R = 0.9996$$

$$DL = 0.02823$$

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	694.47	0.0044	P	8.5
2	☐	0.100					
3	☐	1.000	0.902	1478.98	0.0095	P	3.8
4	☐	100.000	105.270	92825.02	0.5977	P	2.1
5	☐	250.000	267.254	222256.95	1.5106	P	0.4
6	☐	500.000	520.114	393331.12	2.9357	P	0.4
7	☐	1000.000	1038.934	793742.00	5.8598	P	0.5
8	☐	2000.000	1973.084	1649903.48	11.1247	P	0.5
9	☐			4867.55	0.0344	P	2.7

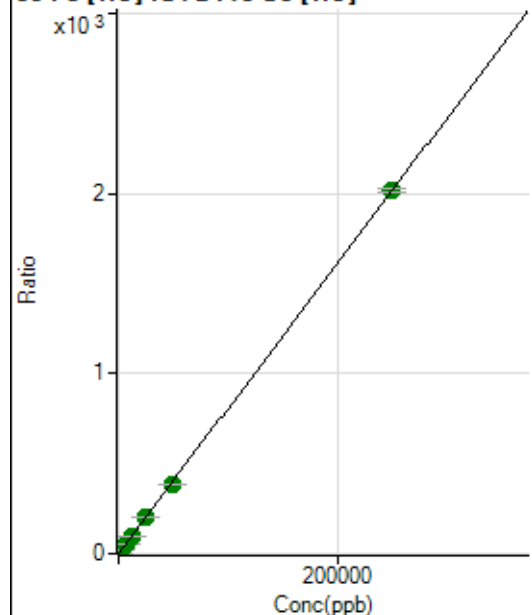
$$y = 0.0056 * x + 0.0044$$

$$R = 0.9996$$

$$DL = 0.1994$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2644.75	0.0167	P	5.6
2	☐	5.000					
3	☐	50.000	51.575	67410.12	0.4317	P	1.1
4	☐	2500.000	2502.841	3130332.82	20.1554	A	1.5
5	☐	6250.000	6348.083	7517526.50	51.0956	A	0.9
6	☐	12500.000	12514.295	13491460.14	100.7111	A	1.3
7	☐	25000.000	24984.957	27234320.29	201.0544	A	0.3
8	☐	50000.000	47829.117	57076542.02	384.8666	A	0.9
9	☐	250000.00	250432.48	285292024.8	2,015.084	A	1.1

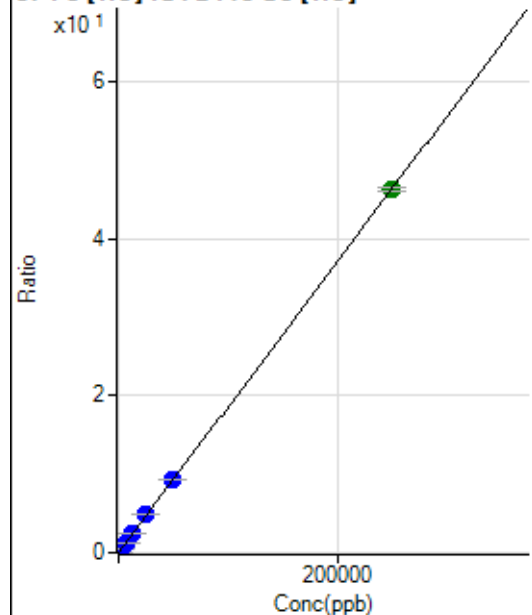
$$y = 0.0080 * x + 0.0167$$

$$R = 1.0000$$

$$DL = 0.3499$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0010	P	3.5
2	☐	5.000					
3	☐	50.000	57.044	1803.86	0.0116	P	5.7
4	☐	2500.000	2591.170	74747.41	0.4813	P	2.4
5	☐	6250.000	6638.355	181184.48	1.2315	P	0.5
6	☐	12500.000	12971.797	322245.33	2.4054	P	1.1
7	☐	25000.000	25998.689	652903.04	4.8201	P	0.4
8	☐	50000.000	50546.052	1389660.71	9.3702	P	0.2
9	☐	250000.00	249756.70	6554451.59	46.2959	A	1.0

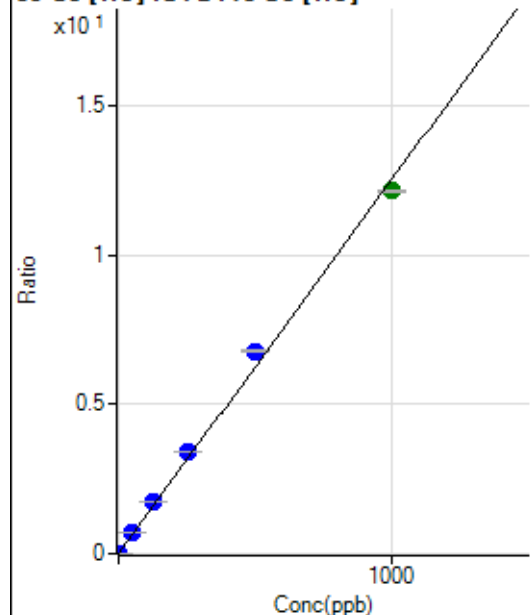
$$y = 1.8536E-004 * x + 9.8281E-004$$

$$R = 1.0000$$

$$DL = 0.5574$$

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	34.45	0.0002	P	47.9
2	☐	0.100					
3	☐	1.000	1.129	2244.65	0.0144	P	1.8
4	☐	50.000	54.922	106963.01	0.6887	P	1.3
5	☐	125.000	139.340	257034.26	1.7470	P	0.3
6	☐	250.000	274.252	460642.99	3.4382	P	0.5
7	☐	500.000	542.135	920607.49	6.7964	P	0.8
8	☐	1000.000	970.831	1804891.01	12.1705	A	0.5
9	☐			23228.58	0.1641	P	1.1

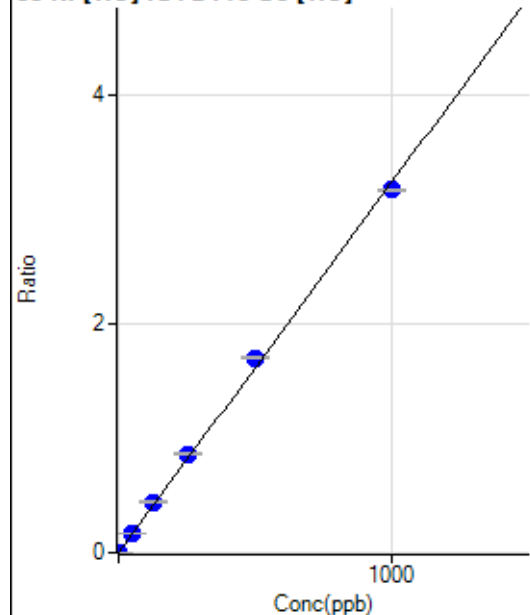
$$y = 0.0125 * x + 2.1712E-004$$

$$R = 0.9983$$

$$DL = 0.02491$$

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	27.78	0.0002	P	55.3
2	☐	0.100					
3	☐	1.000	1.061	563.35	0.0036	P	2.6
4	☐	50.000	53.436	26882.62	0.1731	P	1.2
5	☐	125.000	137.430	65457.39	0.4449	P	0.7
6	☐	250.000	266.641	115617.98	0.8630	P	1.2
7	☐	500.000	527.280	231145.06	1.7065	P	0.6
8	☐	1000.000	980.474	470595.21	3.1730	P	0.7
9	☐			6809.45	0.0481	P	2.2

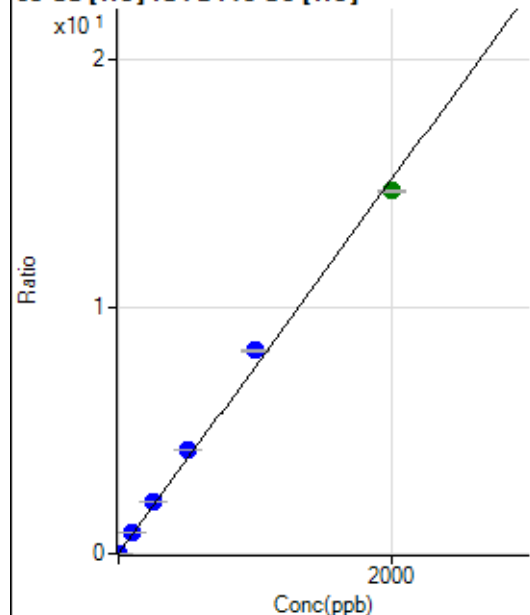
$$y = 0.0032 * x + 1.7531E-004$$

$$R = 0.9992$$

$$DL = 0.08987$$

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	315.01	0.0020	P	12.1
2	☐	0.200					
3	☐	2.000	2.197	2907.34	0.0186	P	4.6
4	☐	100.000	110.621	130432.56	0.8398	P	1.0
5	☐	250.000	281.809	314321.83	2.1364	P	0.4
6	☐	500.000	552.572	560951.02	4.1871	P	0.8
7	☐	1000.000	1084.723	1113048.06	8.2176	P	1.4
8	☐	2000.000	1939.988	2179369.26	14.6953	A	0.2
9	☐			2176.05	0.0154	P	3.8

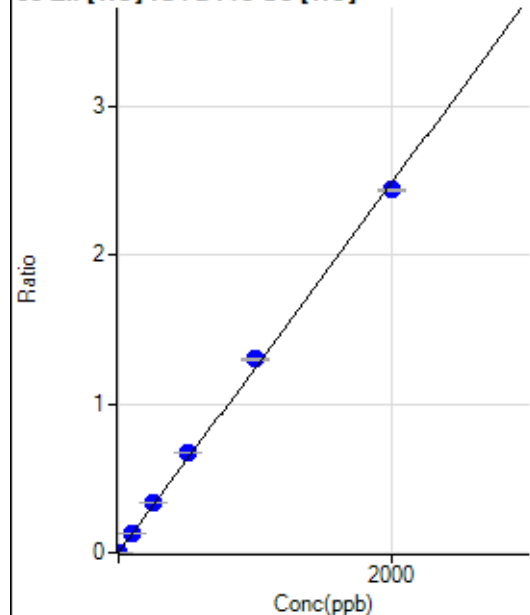
$$y = 0.0076 * x + 0.0020$$

$$R = 0.9982$$

$$DL = 0.09514$$

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	78.89	0.0005	P	28.7
2	☐	0.200					
3	☐	2.000	2.029	471.13	0.0030	P	5.4
4	☐	100.000	106.377	20590.28	0.1326	P	2.9
5	☐	250.000	274.099	50148.21	0.3408	P	0.6
6	☐	500.000	538.514	89650.64	0.6692	P	0.7
7	☐	1000.000	1046.123	176014.63	1.2994	P	0.4
8	☐	2000.000	1963.979	361749.25	2.4391	P	0.7
9	☐			2714.73	0.0192	P	1.4

$$y = 0.0012 * x + 4.9903E-004$$

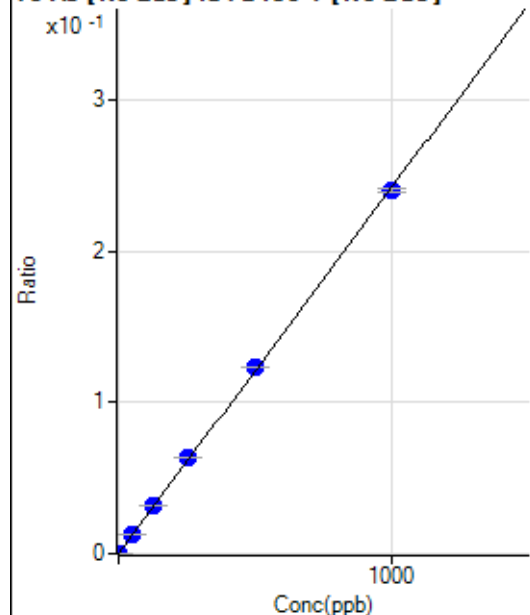
$$R = 0.9994$$

$$DL = 0.3459$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.73	0.0001	P	39.5
2	☐	0.100					
3	☐	1.000	0.910	1119.84	0.0003	P	4.9
4	☐	50.000	52.310	46952.73	0.0128	P	2.0
5	☐	125.000	132.102	116049.01	0.0321	P	1.3
6	☐	250.000	260.808	204602.52	0.0633	P	0.2
7	☐	500.000	509.724	415357.99	0.1236	P	0.5
8	☐	1000.000	991.433	839332.96	0.2402	P	1.2
9	☐			1551.43	0.0005	P	8.5

$$y = 2.4223\text{E-}004 * x + 8.0963\text{E-}005$$

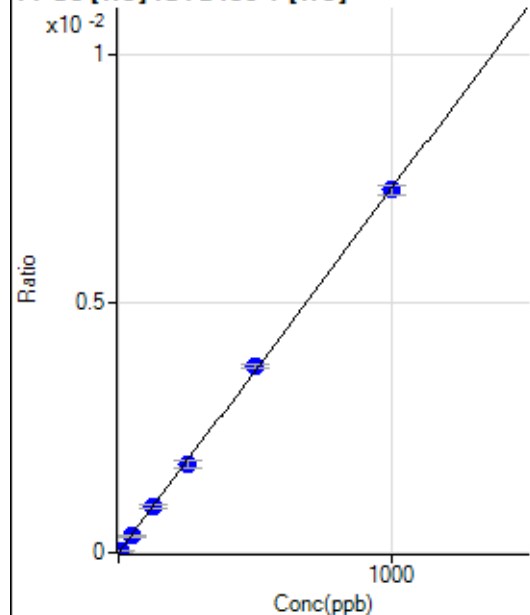
$$R = 0.9999$$

$$DL = 0.3962$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.983	21.11	0.0000	P	17.1
4	☐	50.000	45.292	183.34	0.0003	P	5.5
5	☐	125.000	124.397	487.80	0.0009	P	9.3
6	☐	250.000	243.124	861.15	0.0018	P	7.5
7	☐	500.000	511.418	1837.93	0.0037	P	1.8
8	☐	1000.000	996.321	3855.02	0.0073	P	2.3
9	☐			2.22	0.0000	P	86.6

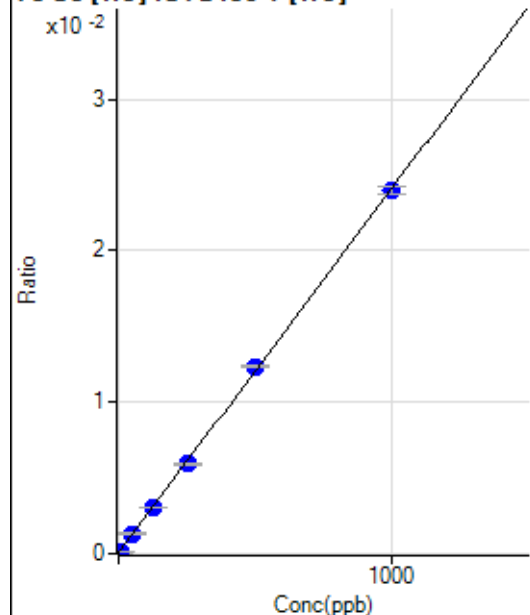
$$y = 7.2966\text{E-}006 * x + 2.0047\text{E-}006$$

$$R = 0.9999$$

$$DL = 1.428$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.57	0.0001	P	38.5
2	☐	0.500					
3	☐	5.000	3.935	86.42	0.0002	P	16.1
4	☐	50.000	52.605	731.51	0.0013	P	11.5
5	☐	125.000	124.990	1643.31	0.0031	P	1.0
6	☐	250.000	245.701	2892.29	0.0060	P	2.1
7	☐	500.000	512.551	6090.83	0.0124	P	2.0
8	☐	1000.000	994.675	12693.90	0.0240	P	2.1
9	☐			38.27	0.0001	P	15.3

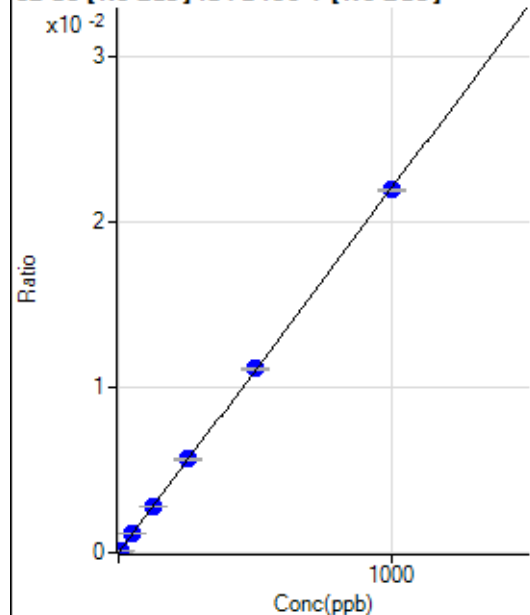
$$y = 2.4018\text{E-}005 * x + 6.2571\text{E-}005$$

$$R = 0.9999$$

$$DL = 3.007$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.59	0.0000	P	189.
2	☐	0.500					
3	☐	5.000	4.881	418.90	0.0001	P	3.0
4	☐	50.000	50.893	4139.17	0.0011	P	1.5
5	☐	125.000	128.738	10258.55	0.0028	P	0.4
6	☐	250.000	256.706	18272.45	0.0056	P	0.9
7	☐	500.000	504.233	37285.65	0.0111	P	0.9
8	☐	1000.000	995.696	76500.96	0.0219	P	0.4
9	☐			54.20	0.0000	P	50.4

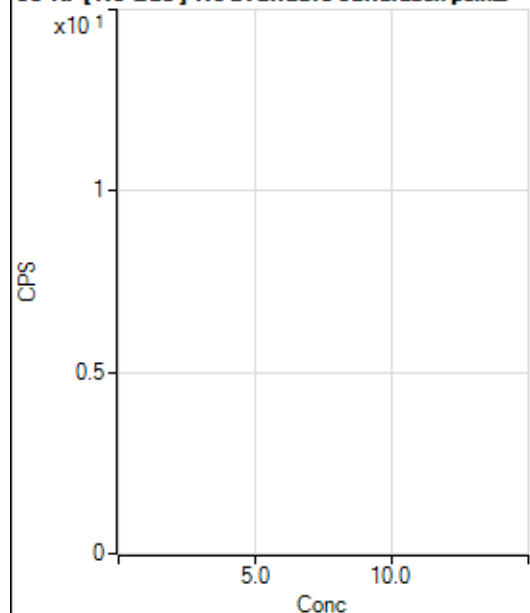
$$y = 2.1985\text{E-}005 * x + 5.4373\text{E-}006$$

$$R = 1.0000$$

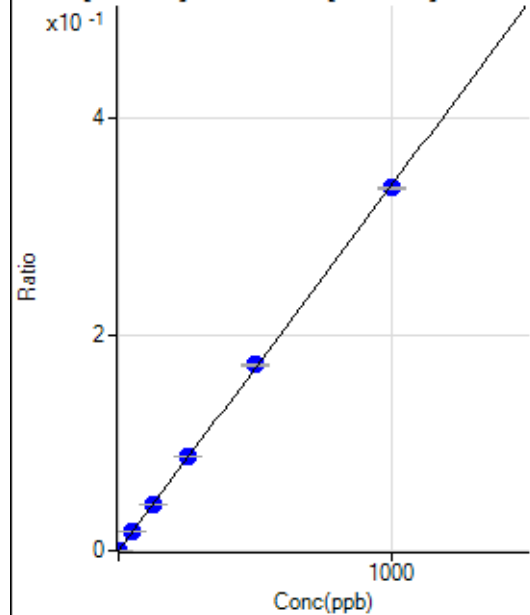
$$DL = 1.403$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			135.56		P	19.1
2	☐						
3	☐			125.56		P	18.1
4	☐			124.45		P	28.6
5	☐			152.23		P	16.4
6	☐			124.45		P	11.1
7	☐			126.67		P	30.3
8	☐			138.89		P	15.4
9	☐			165.56		P	16.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	233.35	0.0001	P	29.4
2	☐	0.100					
3	☐	1.000	0.960	1447.35	0.0004	P	2.7
4	☐	50.000	51.432	64291.56	0.0175	P	1.1
5	☐	125.000	127.759	156567.68	0.0433	P	1.3
6	☐	250.000	256.122	280428.75	0.0867	P	0.6
7	☐	500.000	509.262	579320.95	0.1723	P	1.4
8	☐	1000.000	993.422	1174280.80	0.3361	P	0.4
9	☐			4934.37	0.0015	P	8.9

$$y = 3.3827E-004 * x + 6.4817E-005$$

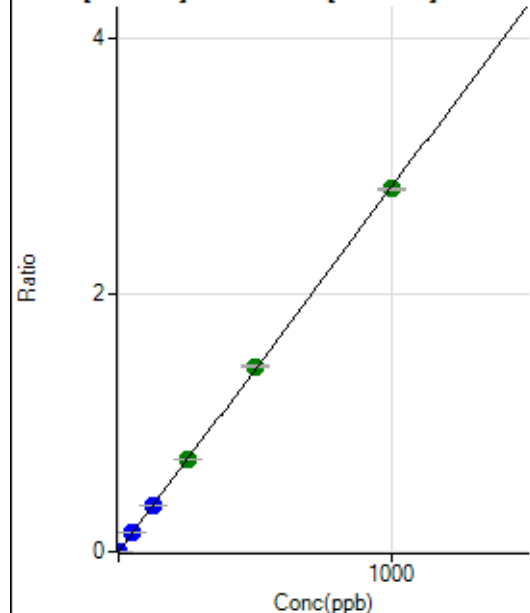
$$R = 0.9999$$

$$DL = 0.169$$

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	44.45	0.0000	P	28.8
2	☐	0.100					
3	☐	1.000	0.979	10368.01	0.0028	P	2.5
4	☐	50.000	51.507	538354.62	0.1462	P	0.4
5	☐	125.000	127.943	1313908.97	0.3632	P	1.1
6	☐	250.000	251.470	2309018.85	0.7139	A	0.4
7	☐	500.000	508.499	4852847.59	1.4436	A	1.4
8	☐	1000.000	994.940	9868140.93	2.8245	A	0.5
9	☐			40878.61	0.0128	P	1.0

$$y = 0.0028 * x + 1.2346E-005$$

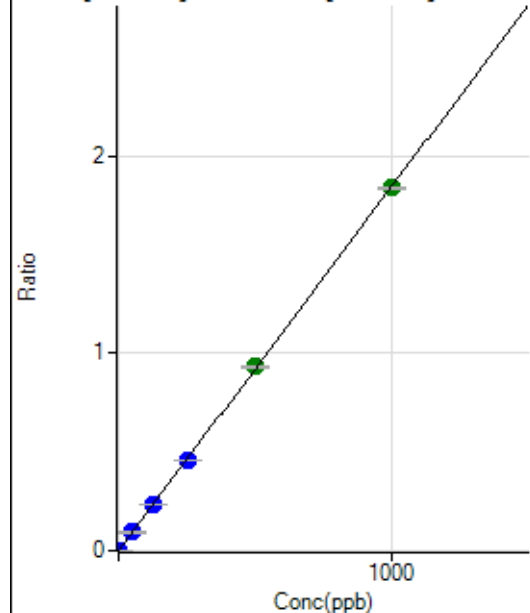
$$R = 0.9999$$

$$DL = 0.003758$$

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	305.57	0.0001	P	22.2
2	☐	0.100					
3	☐	1.000	0.936	6729.63	0.0018	P	1.7
4	☐	50.000	50.356	342286.30	0.0930	P	1.2
5	☐	125.000	125.407	837142.87	0.2314	P	0.9
6	☐	250.000	248.949	1485610.78	0.4593	P	0.3
7	☐	500.000	505.944	3137781.60	0.9334	A	1.0
8	☐	1000.000	997.222	6427311.82	1.8396	A	0.2
9	☐			2428.09	0.0008	P	14.7

$$y = 0.0018 * x + 8.4865E-005$$

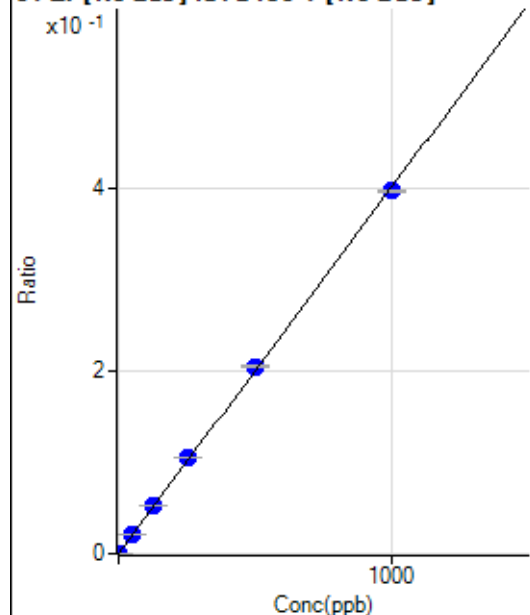
$$R = 1.0000$$

$$DL = 0.0306$$

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	63.89	0.0000	P	19.9
2	☐	0.100					
3	☐	1.000	0.948	1475.14	0.0004	P	1.0
4	☐	50.000	51.637	76152.76	0.0207	P	1.4
5	☐	125.000	131.027	189768.37	0.0525	P	0.9
6	☐	250.000	263.563	341220.20	0.1055	P	0.9
7	☐	500.000	510.618	687072.68	0.2044	P	1.5
8	☐	1000.000	990.465	1385081.06	0.3964	P	0.4
9	☐			500.03	0.0002	P	18.5

$$y = 4.0024\text{E-}004 * x + 1.7740\text{E-}005$$

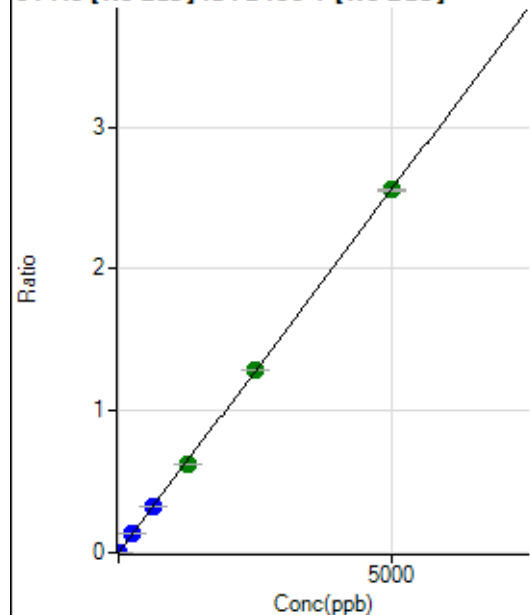
$$R = 0.9998$$

$$DL = 0.02647$$

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	105.56	0.0000	P	32.7
2	☐	0.500					
3	☐	5.000	4.157	8008.15	0.0022	P	1.0
4	☐	250.000	254.679	479741.56	0.1303	P	1.1
5	☐	625.000	636.411	1177804.83	0.3256	P	1.0
6	☐	1250.000	1229.539	2034508.05	0.6290	A	0.3
7	☐	2500.000	2513.736	4323088.46	1.2860	A	0.8
8	☐	5000.000	4996.588	8930372.42	2.5561	A	0.9
9	☐			4467.57	0.0014	P	9.6

$$y = 5.1156\text{E-}004 * x + 2.9302\text{E-}005$$

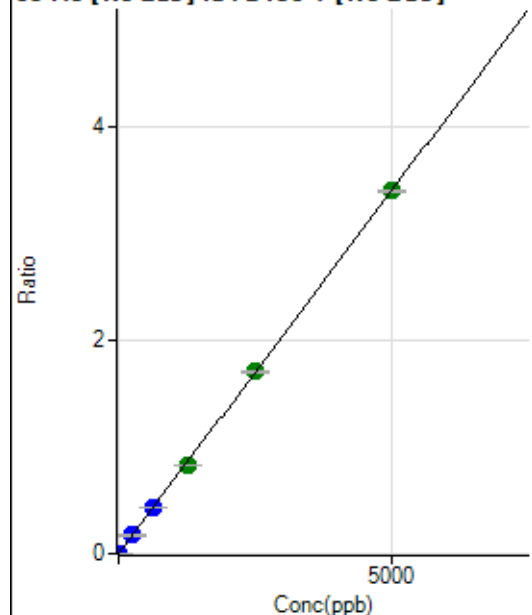
$$R = 1.0000$$

$$DL = 0.05624$$

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	103.
2	☐	0.500					
3	☐	5.000	3.946	9976.04	0.0027	P	3.5
4	☐	250.000	252.233	630032.80	0.1711	P	1.2
5	☐	625.000	627.938	1541144.81	0.4260	P	1.3
6	☐	1250.000	1224.091	2686132.79	0.8305	A	0.2
7	☐	2500.000	2512.774	5731093.44	1.7048	A	1.1
8	☐	5000.000	4999.612	11851012.24	3.3920	A	0.6
9	☐			6357.26	0.0020	P	10.5

$$y = 6.7846\text{E-}004 * x + 8.4718\text{E-}006$$

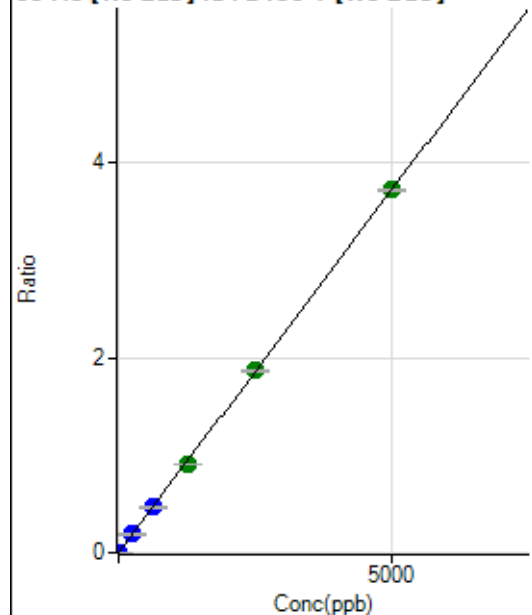
$$R = 1.0000$$

$$DL = 0.03861$$

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	41.67	0.0000	P	34.8
2	☐	0.500					
3	☐	5.000	4.037	11196.53	0.0030	P	2.9
4	☐	250.000	252.129	690323.24	0.1875	P	0.9
5	☐	625.000	624.557	1680225.07	0.4645	P	0.6
6	☐	1250.000	1217.164	2927828.84	0.9052	A	0.7
7	☐	2500.000	2508.593	6271598.40	1.8656	A	0.9
8	☐	5000.000	5003.862	13001408.19	3.7212	A	0.4
9	☐			9564.69	0.0030	P	6.0

$$y = 7.4367\text{E-}004 * x + 1.1576\text{E-}005$$

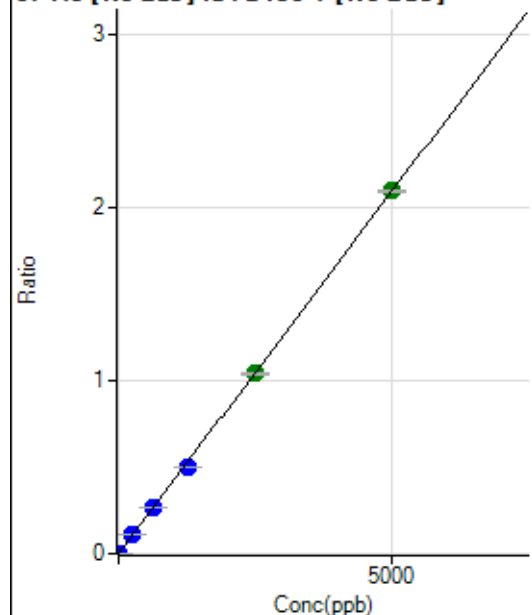
$$R = 1.0000$$

$$DL = 0.01625$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	33.4
2	☐	0.500					
3	☐	5.000	3.963	6171.01	0.0017	P	2.6
4	☐	250.000	254.072	390465.63	0.1061	P	0.6
5	☐	625.000	640.141	966573.67	0.2672	P	1.2
6	☐	1250.000	1198.430	1618051.61	0.5002	P	0.9
7	☐	2500.000	2493.287	3498535.19	1.0407	A	1.1
8	☐	5000.000	5014.154	7312206.24	2.0929	A	0.3
9	☐			3778.44	0.0012	P	10.8

$$y = 4.1740\text{E-}004 * x + 6.9419\text{E-}006$$

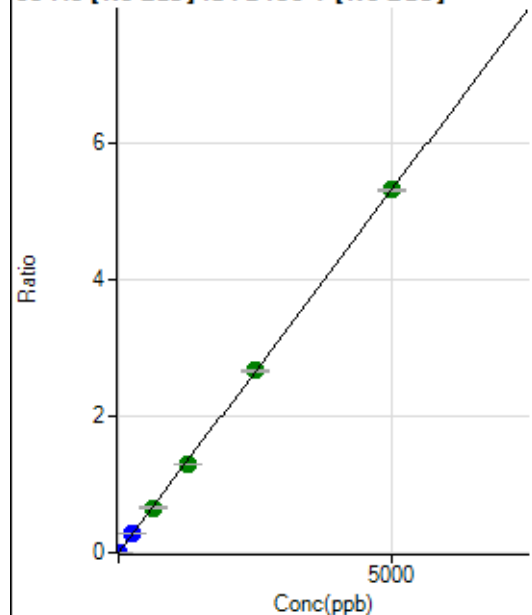
$$R = 0.9999$$

$$DL = 0.01664$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	47.9
2	☐	0.500					
3	☐	5.000	3.869	15330.98	0.0041	P	2.1
4	☐	250.000	254.300	996246.48	0.2706	P	0.6
5	☐	625.000	622.713	2396934.19	0.6626	A	0.8
6	☐	1250.000	1215.012	4181628.26	1.2928	A	0.5
7	☐	2500.000	2507.689	8969815.13	2.6683	A	2.0
8	☐	5000.000	5004.975	18606201.28	5.3255	A	0.7
9	☐			9781.54	0.0031	P	12.9

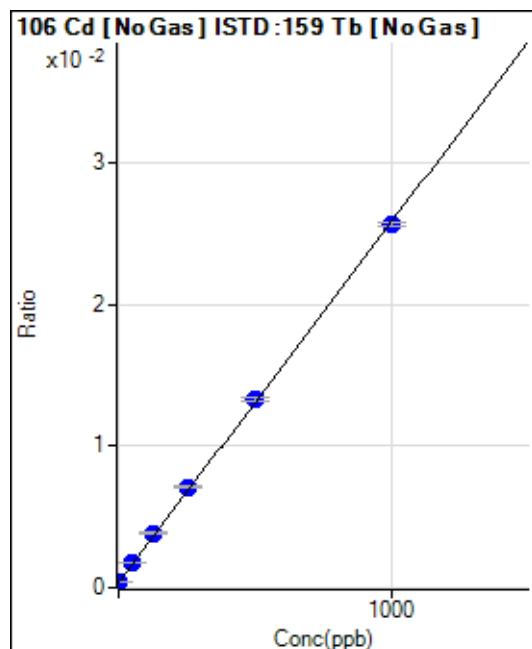
$$y = 0.0011 * x + 1.0023\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01354$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1336.24	0.0004	P	10.9
2	☐	0.100					
3	☐	1.000	1.972	1472.36	0.0004	P	5.2
4	☐	50.000	53.879	6246.05	0.0017	P	2.4
5	☐	125.000	137.302	13746.03	0.0039	P	2.0
6	☐	250.000	264.323	22866.47	0.0071	P	2.5
7	☐	500.000	506.927	44320.35	0.0133	P	1.5
8	☐	1000.000	991.223	88079.06	0.0256	P	1.1
9	☐			1252.88	0.0004	P	16.3

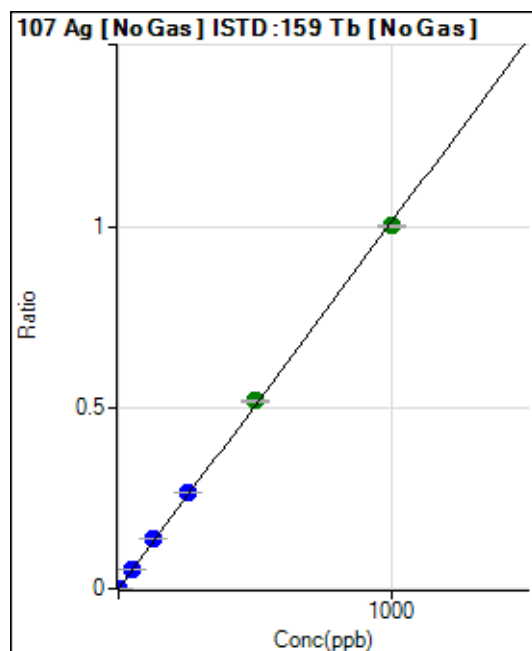
$$y = 2.5441\text{E-}005 * x + 3.6723\text{E-}004$$

$$R = 0.9998$$

$$DL = 4.702$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	47.7
2	☐	0.100					
3	☐	1.000	1.039	3745.09	0.0011	P	4.0
4	☐	50.000	54.530	198379.13	0.0552	P	0.6
5	☐	125.000	134.915	486286.54	0.1366	P	1.1
6	☐	250.000	263.664	860636.84	0.2669	P	0.8
7	☐	500.000	511.414	1729626.67	0.5176	A	0.6
8	☐	1000.000	989.411	3447469.00	1.0014	A	0.5
9	☐			491.70	0.0002	P	15.9

$$y = 0.0010 * x + 9.9219\text{E-}006$$

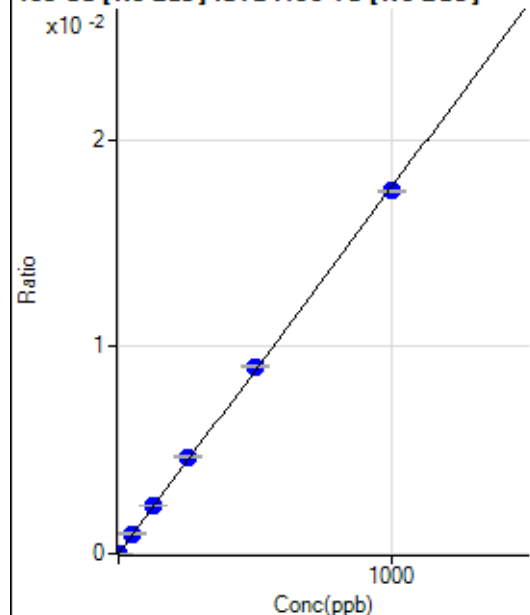
$$R = 0.9998$$

$$DL = 0.01403$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.17	0.0000	P	0.9
2	☐	0.100					
3	☐	1.000	0.937	62.50	0.0000	P	7.0
4	☐	50.000	54.828	3490.78	0.0010	P	2.6
5	☐	125.000	131.938	8319.27	0.0023	P	2.6
6	☐	250.000	262.967	15010.97	0.0047	P	2.0
7	☐	500.000	511.103	30225.50	0.0090	P	0.8
8	☐	1000.000	990.098	60321.14	0.0175	P	0.5
9	☐			27.78	0.0000	P	38.2

$$y = 1.7696\text{E-}005 * x + 1.1467\text{E-}006$$

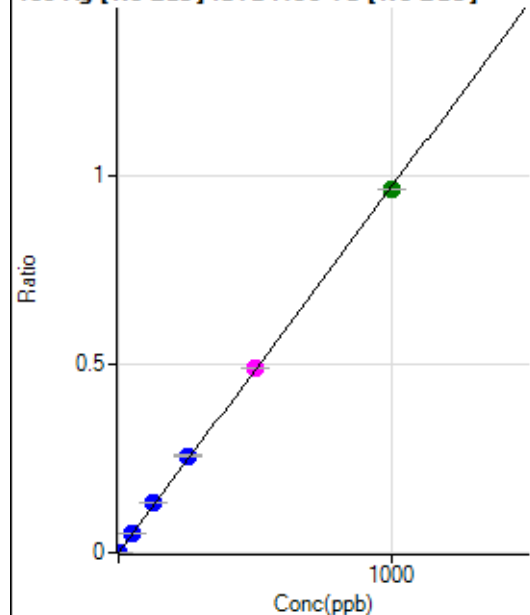
$$R = 0.9998$$

$$DL = 0.001684$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.8
2	☐	0.100					
3	☐	1.000	1.060	3636.74	0.0010	P	8.2
4	☐	50.000	54.241	188710.12	0.0525	P	0.7
5	☐	125.000	135.395	466729.54	0.1311	P	0.7
6	☐	250.000	264.351	825194.39	0.2559	P	1.4
7	☐	500.000	505.705	1635745.20	0.4895	M	0.5
8	☐	1000.000	992.048	3305985.19	0.9603	A	0.1
9	☐			416.69	0.0001	P	42.2

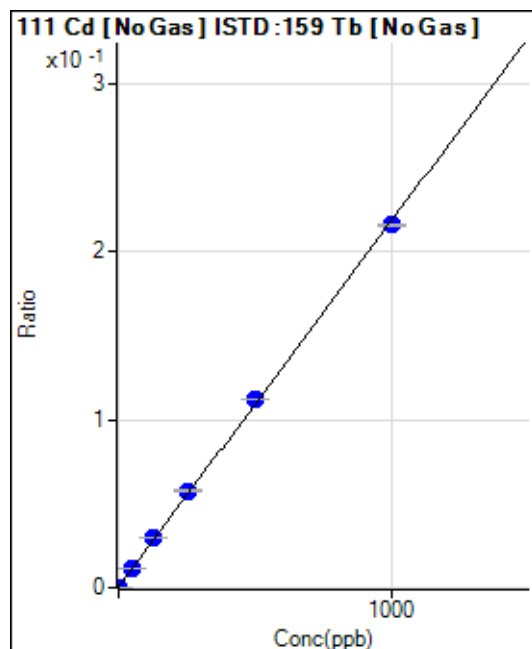
$$y = 9.6799\text{E-}004 * x + 5.3479\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.004112$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	939.39	0.0003	P	10.7
2	☐	0.100					
3	☐	1.000	1.205	1838.34	0.0005	P	3.1
4	☐	50.000	53.493	42871.31	0.0119	P	0.7
5	☐	125.000	134.661	105540.52	0.0296	P	0.8
6	☐	250.000	262.857	185772.73	0.0576	P	0.8
7	☐	500.000	513.097	374917.80	0.1122	P	1.0
8	☐	1000.000	988.855	743628.59	0.2160	P	0.7
9	☐			1007.57	0.0003	P	12.2

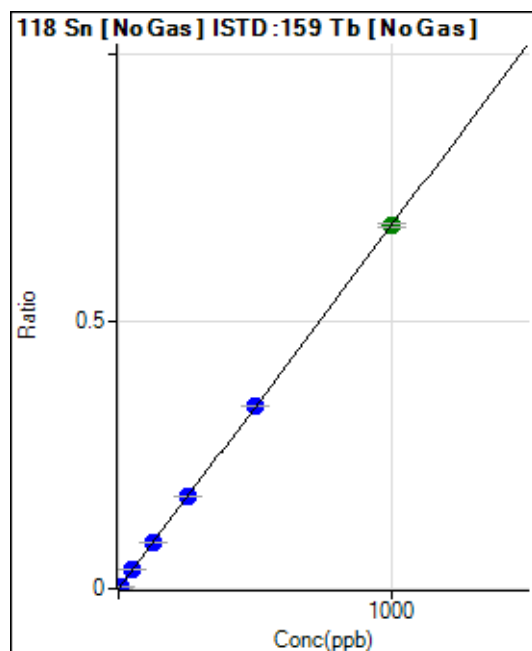
$$y = 2.1818\text{E-}004 * x + 2.5817\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.3797$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0000	P	35.5
2	☐	0.500					
3	☐	5.000	5.170	12486.59	0.0035	P	1.1
4	☐	50.000	50.984	124568.73	0.0347	P	2.0
5	☐	125.000	128.312	310507.57	0.0872	P	0.5
6	☐	250.000	254.091	556728.01	0.1726	P	0.9
7	☐	500.000	500.565	1136405.77	0.3401	P	0.0
8	☐	1000.000	998.231	2334614.85	0.6782	A	1.0
9	☐			1113.98	0.0004	P	6.3

$$y = 6.7934\text{E-}004 * x + 2.7450\text{E-}005$$

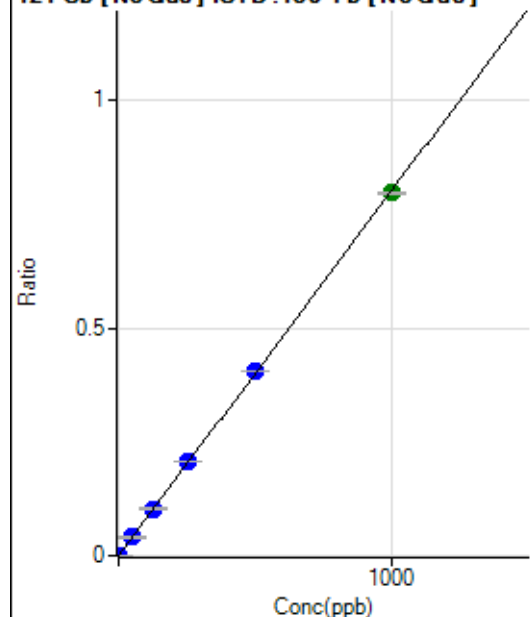
$$R = 1.0000$$

$$DL = 0.04301$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	109.
2	☐	0.200					
3	☐	2.000	1.894	5387.37	0.0015	P	3.2
4	☐	50.000	50.387	145199.59	0.0404	P	1.3
5	☐	125.000	128.865	367908.67	0.1033	P	1.3
6	☐	250.000	257.259	665166.02	0.2063	P	0.7
7	☐	500.000	506.132	1355873.64	0.4058	P	0.5
8	☐	1000.000	994.617	2745054.36	0.7974	A	0.7
9	☐			3945.18	0.0013	P	3.7

$$y = 8.0169\text{E-}004 * x + 8.4257\text{E-}006$$

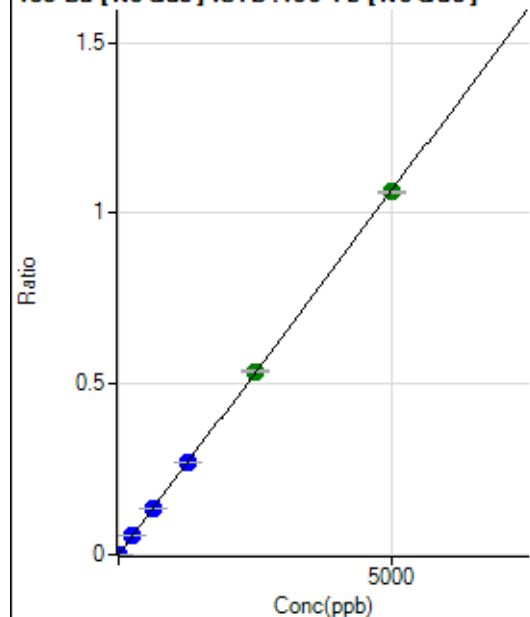
$$R = 0.9999$$

$$DL = 0.03467$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	0.9
2	☐	1.000					
3	☐	10.000	10.115	7616.29	0.0022	P	6.3
4	☐	250.000	254.917	195345.81	0.0544	P	0.4
5	☐	625.000	643.825	488859.26	0.1373	P	0.7
6	☐	1250.000	1274.164	876158.23	0.2717	P	0.1
7	☐	2500.000	2515.775	1792416.04	0.5364	A	0.9
8	☐	5000.000	4983.472	3658082.72	1.0626	A	0.7
9	☐			763.94	0.0002	P	25.2

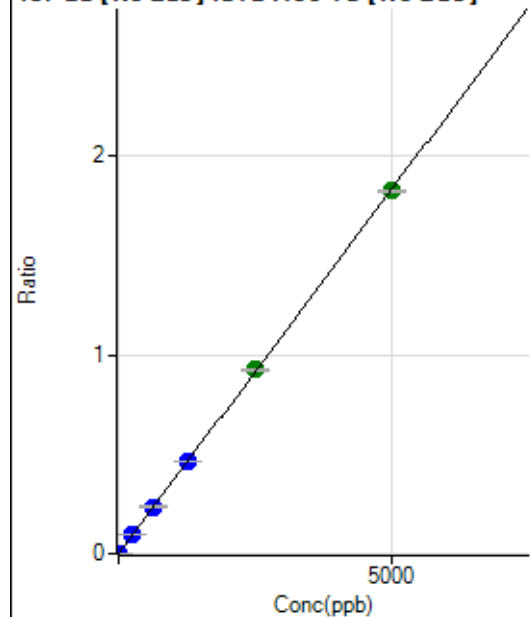
$$y = 2.1322\text{E-}004 * x + 2.2906\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.0002793$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	78.2
2	☐	1.000					
3	☐	10.000	9.960	12900.95	0.0037	P	1.4
4	☐	250.000	256.631	338085.00	0.0941	P	0.9
5	☐	625.000	645.131	842075.98	0.2365	P	1.7
6	☐	1250.000	1266.449	1497141.55	0.4642	P	0.4
7	☐	2500.000	2521.992	3089098.40	0.9244	A	0.2
8	☐	5000.000	4982.044	6286939.90	1.8262	A	0.9
9	☐			1344.57	0.0004	P	25.6

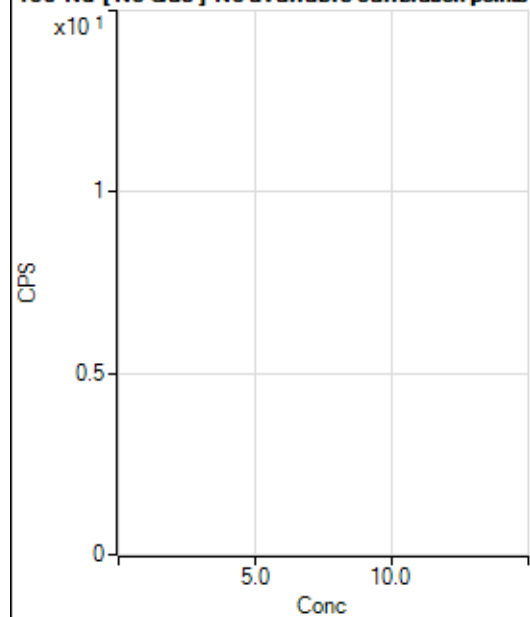
$$y = 3.6655E-004 * x + 6.1062E-006$$

$$R = 1.0000$$

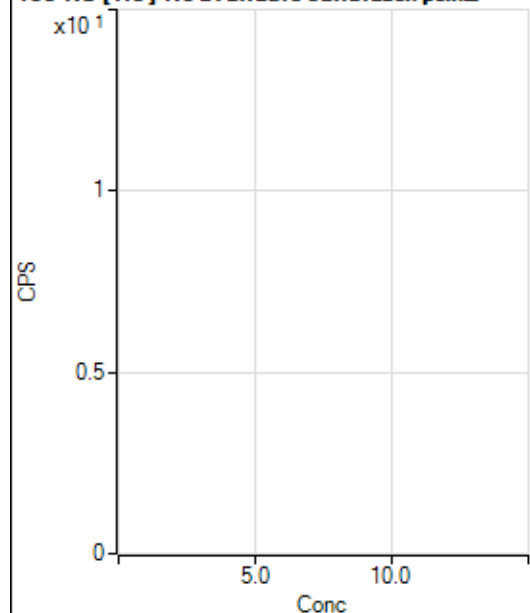
$$DL = 0.03908$$

Weight: <None>

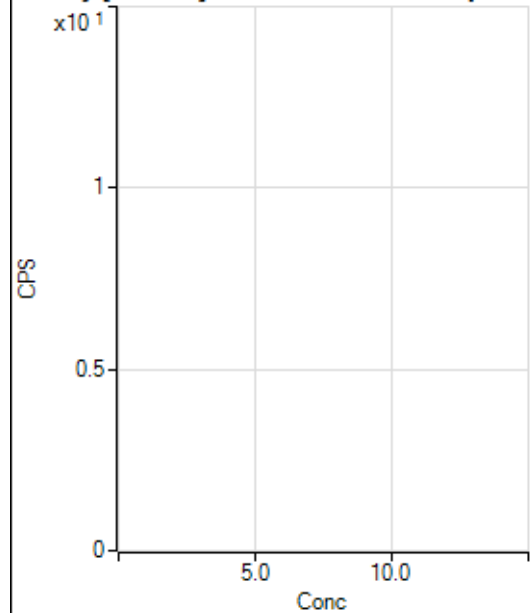
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

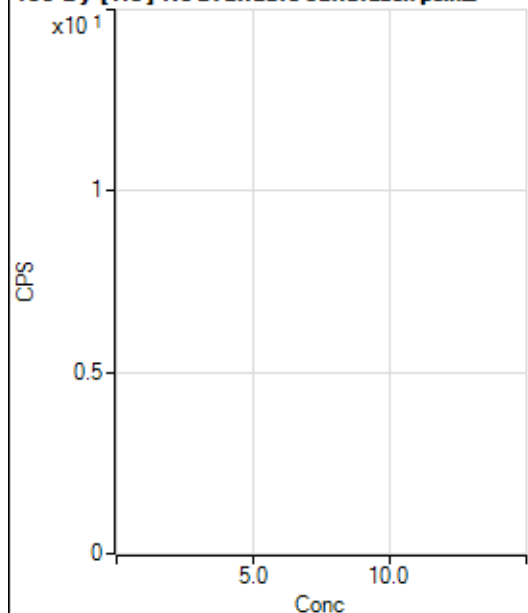
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.
4	☐			13.33		P	50.0
5	☐			37.78		P	27.0
6	☐			62.23		P	16.4
7	☐			153.34		P	37.9
8	☐			266.68		P	15.2
9	☐			44.45		P	45.8

150 Nd [He] No available calibration points

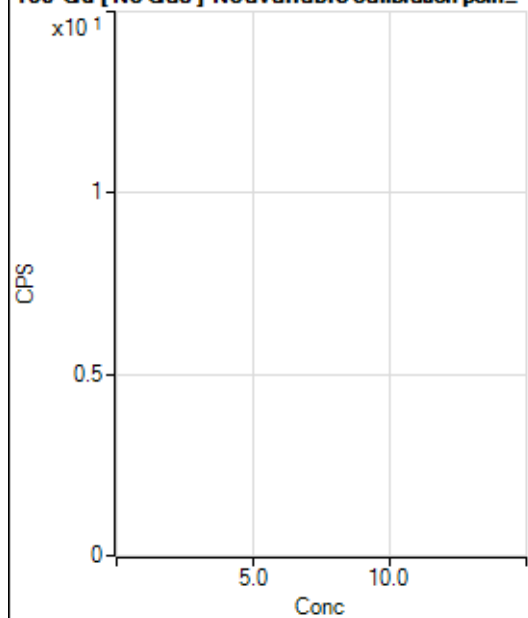
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			3.33		P	0.0
6	☐			4.44		P	173.
7	☐			20.00		P	16.7
8	☐			36.67		P	9.1
9	☐			24.45		P	55.1

156 Dy [No Gas] No available calibration points

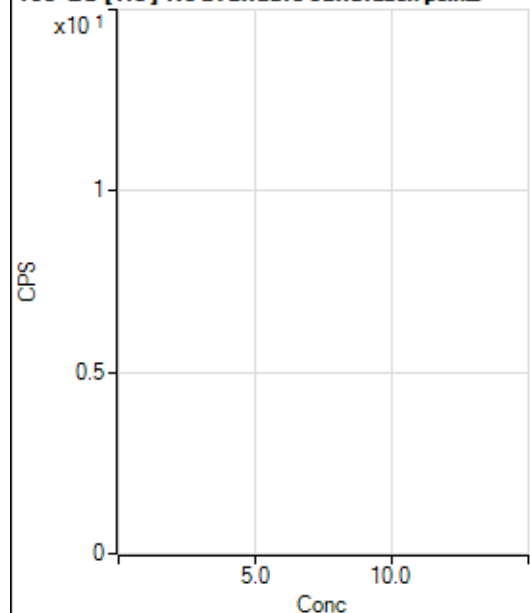
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	173.
2	☐						
3	☐			11.11		P	86.6
4	☐			11.11		P	43.3
5	☐			8.33		P	100.
6	☐			44.45		P	39.0
7	☐			33.33		P	50.0
8	☐			77.78		P	22.3
9	☐			41.67		P	52.9

156 Dy [He] No available calibration points

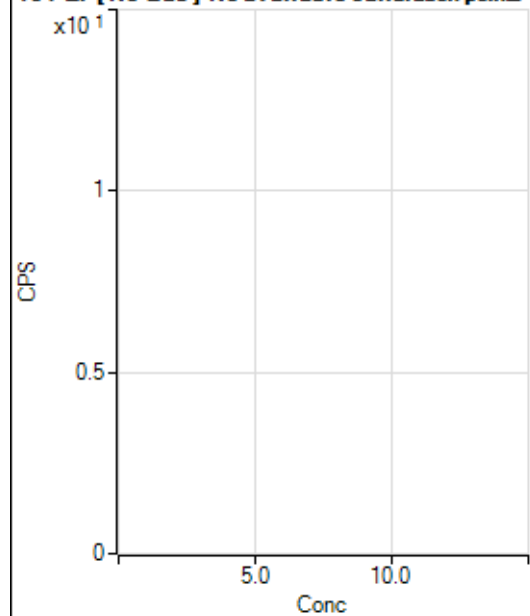
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			2.22		P	173.
4	☐			5.56		P	34.7
5	☐			8.89		P	78.1
6	☐			13.33		P	25.0
7	☐			32.22		P	41.8
8	☐			71.11		P	13.5
9	☐			16.67		P	34.6

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

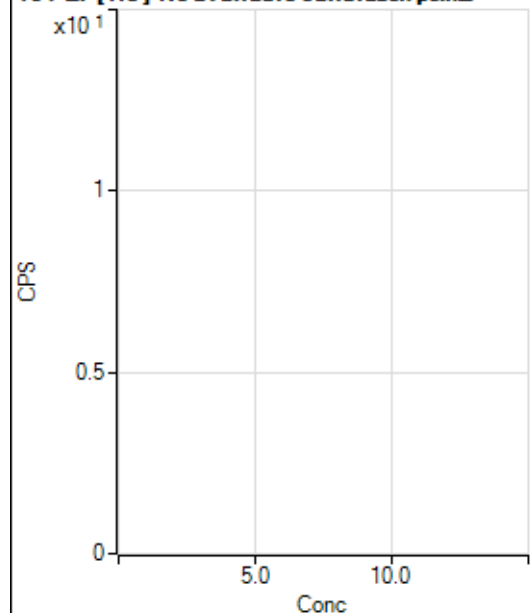
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	0.0
2	☐						
3	☐			5.55		P	86.6
4	☐			33.33		P	25.0
5	☐			27.78		P	17.3
6	☐			36.11		P	48.0
7	☐			22.22		P	57.3
8	☐			30.56		P	56.8
9	☐			30.56		P	56.8

160 Gd [He] No available calibration points

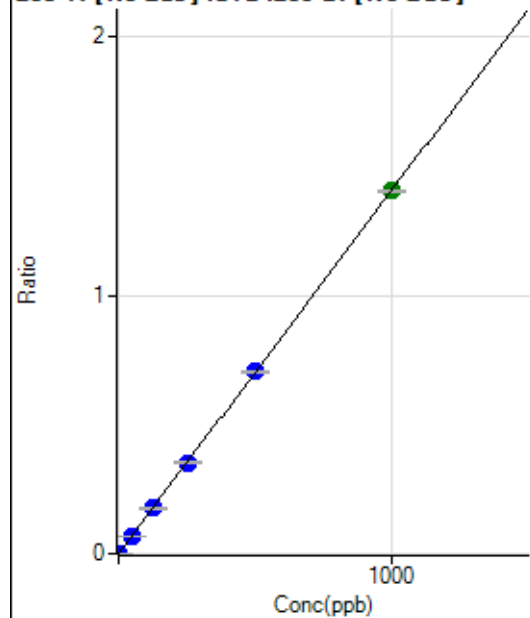
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.33		P	12.5
2	☐						
3	☐			66.67		P	13.2
4	☐			63.33		P	10.5
5	☐			47.78		P	14.5
6	☐			71.11		P	15.1
7	☐			58.89		P	11.8
8	☐			66.67		P	13.2
9	☐			63.33		P	10.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			13.89		P	34.7
4	☐			13.89		P	69.3
5	☐			16.67		P	132.
6	☐			11.11		P	43.3
7	☐			25.00		P	33.3
8	☐			22.22		P	78.1
9	☐			16.67		P	50.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	75.5
2	☐						
3	☐			6.67		P	50.0
4	☐			5.56		P	34.7
5	☐			1.11		P	173.
6	☐			3.33		P	173.
7	☐			13.33		P	25.0
8	☐			13.33		P	90.2
9	☐			11.11		P	17.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.3
2	☐	0.100					
3	☐	1.000	0.939	2555.90	0.0013	P	5.9
4	☐	50.000	48.888	133385.35	0.0687	P	0.5
5	☐	125.000	124.632	336036.46	0.1752	P	1.2
6	☐	250.000	249.874	611313.30	0.3512	P	2.2
7	☐	500.000	501.373	1244607.37	0.7046	P	1.1
8	☐	1000.000	999.446	2506056.68	1.4046	A	0.5
9	☐			1005.64	0.0007	P	22.3

$$y = 0.0014 * x + 5.4798E-006$$

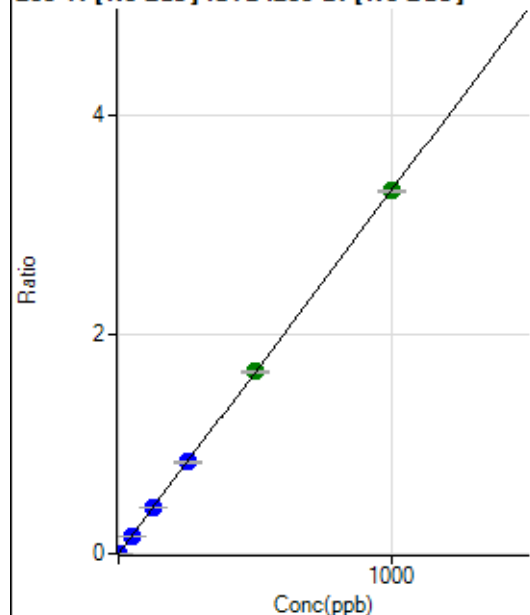
$$R = 1.0000$$

$$DL = 0.005066$$

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	33.34	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.955	6140.59	0.0032	P	4.1
4	☐	50.000	49.726	319801.94	0.1647	P	1.2
5	☐	125.000	127.446	810019.24	0.4222	P	0.5
6	☐	250.000	252.582	1456638.13	0.8368	P	1.9
7	☐	500.000	500.572	2929199.07	1.6583	A	0.9
8	☐	1000.000	998.777	5903248.44	3.3088	A	0.9
9	☐			2325.32	0.0015	P	14.8

$$y = 0.0033 * x + 1.6441E-005$$

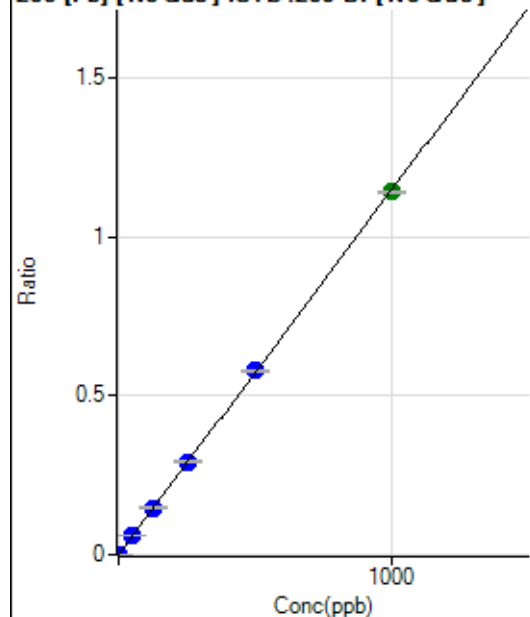
$$R = 1.0000$$

$$DL = 0.01289$$

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	94.45	0.0000	P	23.3
2	☐	0.100					
3	☐	1.000	0.908	2098.38	0.0011	P	0.6
4	☐	50.000	50.594	112649.61	0.0580	P	0.3
5	☐	125.000	129.017	283753.94	0.1479	P	0.6
6	☐	250.000	255.444	509701.65	0.2928	P	3.0
7	☐	500.000	505.380	1023132.66	0.5792	P	1.0
8	☐	1000.000	995.417	2035398.34	1.1408	A	0.7
9	☐			2027.99	0.0013	P	2.3

$$y = 0.0011 * x + 4.6573E-005$$

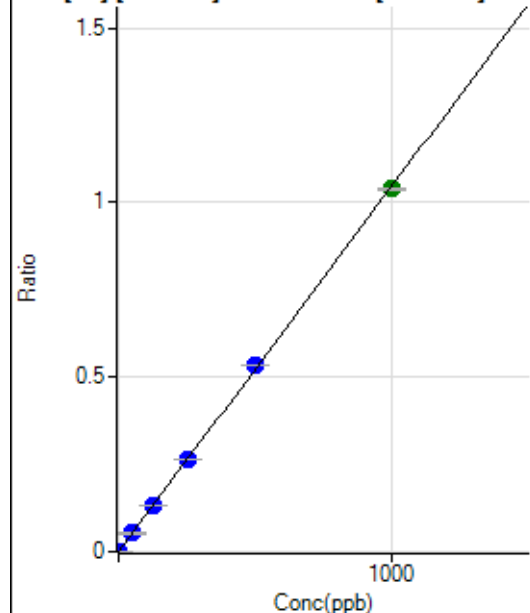
$$R = 1.0000$$

$$DL = 0.02836$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.07	0.0000	P	19.0
2	☐	0.100					
3	☐	1.000	0.954	1996.51	0.0010	P	7.5
4	☐	50.000	50.217	101999.76	0.0525	P	2.0
5	☐	125.000	128.132	257107.96	0.1340	P	0.6
6	☐	250.000	253.028	460639.93	0.2646	P	1.8
7	☐	500.000	510.481	942945.05	0.5338	P	0.4
8	☐	1000.000	993.601	1853698.48	1.0390	A	0.6
9	☐			1689.05	0.0011	P	2.7

$$y = 0.0010 * x + 3.6546E-005$$

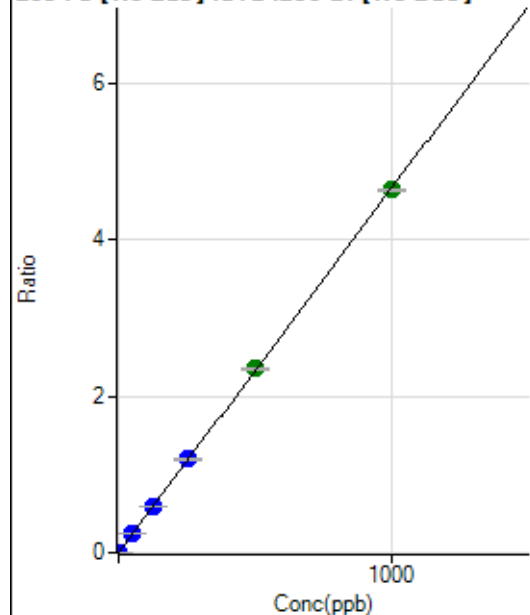
$$R = 0.9999$$

$$DL = 0.01992$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	379.64	0.0002	P	4.3
2	☐	0.100					
3	☐	1.000	0.911	8553.16	0.0044	P	2.9
4	☐	50.000	50.349	455955.95	0.2349	P	0.1
5	☐	125.000	128.395	1148526.81	0.5987	P	0.6
6	☐	250.000	256.075	2078199.60	1.1938	P	1.5
7	☐	500.000	504.395	4153270.42	2.3513	A	0.6
8	☐	1000.000	995.842	8282081.14	4.6421	A	0.4
9	☐			7702.94	0.0050	P	1.9

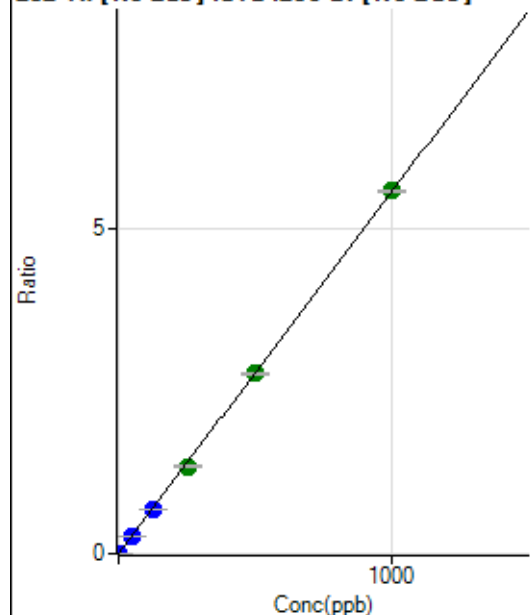
$$y = 0.0047 * x + 1.8727E-004$$

$$R = 1.0000$$

$$DL = 0.005165$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	40.4
2	☐	0.100					
3	☐	1.000	0.881	9472.19	0.0049	P	1.1
4	☐	50.000	47.684	514382.86	0.2650	P	0.3
5	☐	125.000	122.271	1303459.85	0.6794	P	0.4
6	☐	250.000	241.170	2332812.04	1.3401	A	1.5
7	☐	500.000	498.412	4891910.06	2.7695	A	1.1
8	☐	1000.000	1003.459	9948054.51	5.5759	A	0.7
9	☐			2348.43	0.0015	P	24.9

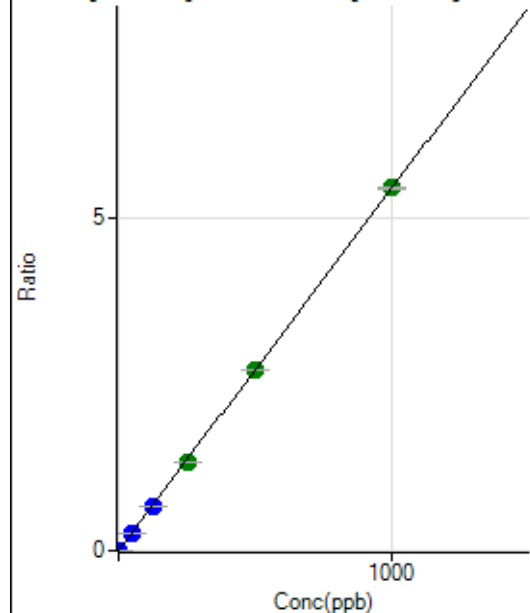
$$y = 0.0056 * x + 1.3721E-005$$

$$R = 1.0000$$

$$DL = 0.002996$$

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	72.22	0.0000	P	7.1
2	☐	0.100					
3	☐	1.000	0.944	9995.92	0.0052	P	3.9
4	☐	50.000	48.612	514479.54	0.2650	P	0.7
5	☐	125.000	124.255	1299546.26	0.6774	P	0.7
6	☐	250.000	244.471	2319967.00	1.3327	A	2.0
7	☐	500.000	499.192	4806785.66	2.7213	A	0.4
8	☐	1000.000	1001.949	9744753.00	5.4619	A	0.5
9	☐			1491.82	0.0010	P	12.0

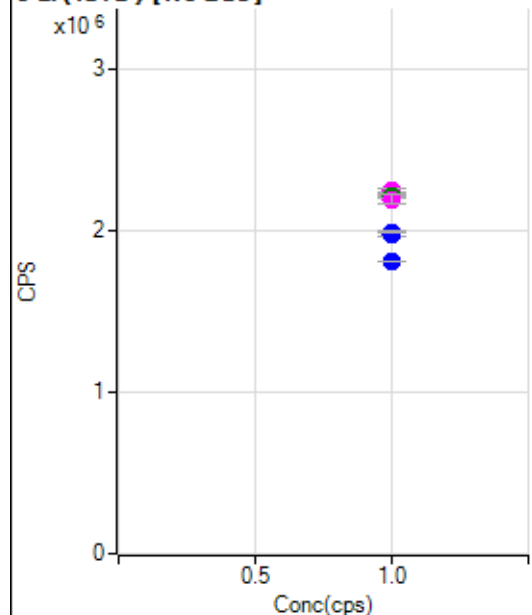
$$y = 0.0055 * x + 3.5633E-005$$

$$R = 1.0000$$

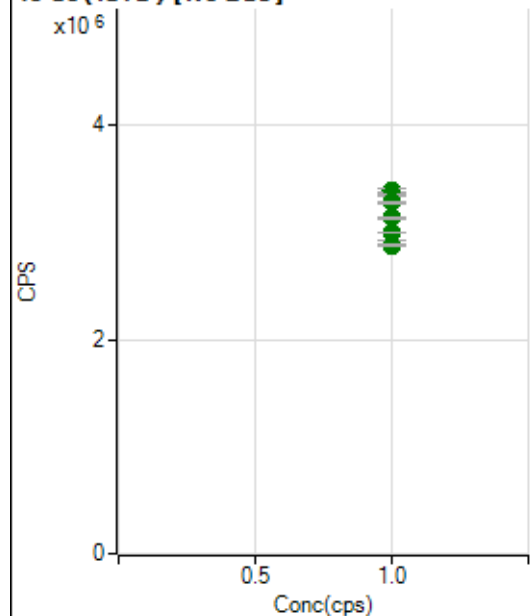
$$DL = 0.001384$$

Weight: <None>

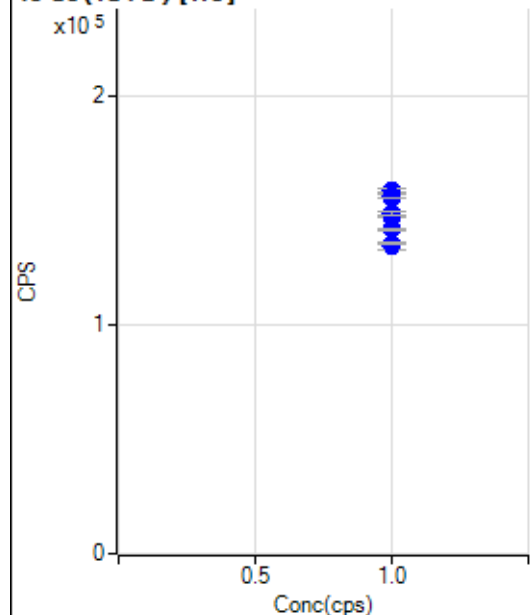
Min Conc: 0

6 Li (ISTD) [No Gas]

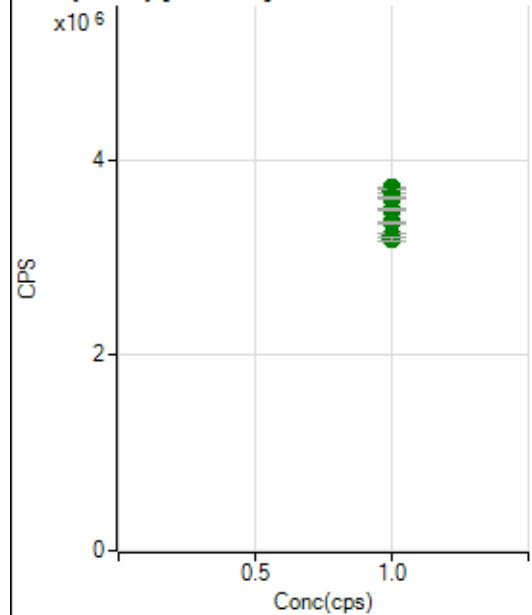
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2249738.39		M	1.0
2	☐	1.000					
3	☐	1.000		2222517.76		A	0.3
4	☐	1.000		2213650.22		A	1.0
5	☐	1.000		2199065.83		M	2.6
6	☐	1.000		1977289.34		P	1.3
7	☐	1.000		1995897.25		P	0.5
8	☐	1.000		1993415.75		P	0.5
9	☐	1.000		1815942.25		P	0.2

45 Sc (ISTD) [No Gas]

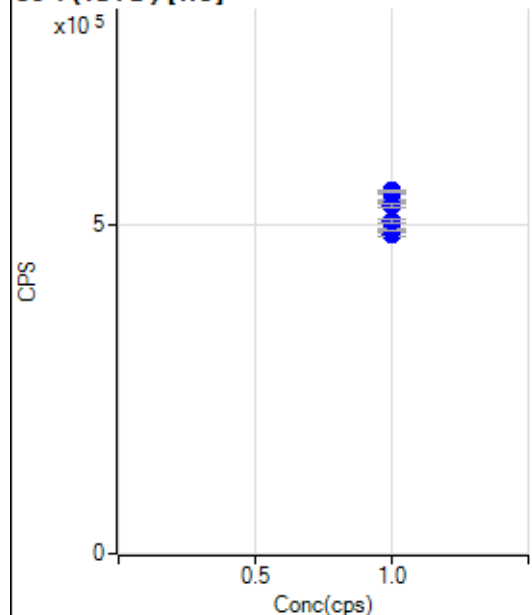
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3361840.66		A	0.9
2	☐	1.000					
3	☐	1.000		3389261.58		A	0.9
4	☐	1.000		3352593.76		A	0.8
5	☐	1.000		3282416.98		A	0.7
6	☐	1.000		2895813.61		A	1.9
7	☐	1.000		2997934.01		A	0.1
8	☐	1.000		3139006.97		A	0.4
9	☐	1.000		2883180.38		A	0.5

45 Sc (ISTD) [He]

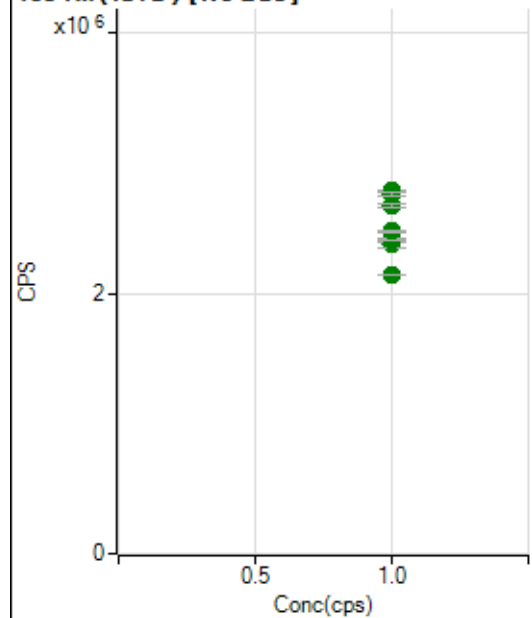
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		158288.37		P	1.1
2	☐	1.000					
3	☐	1.000		156142.81		P	1.0
4	☐	1.000		155310.17		P	0.4
5	☐	1.000		147129.52		P	0.5
6	☐	1.000		133984.82		P	2.0
7	☐	1.000		135457.74		P	0.9
8	☐	1.000		148305.33		P	1.0
9	☐	1.000		141581.25		P	0.4

89 Y (ISTD) [No Gas]

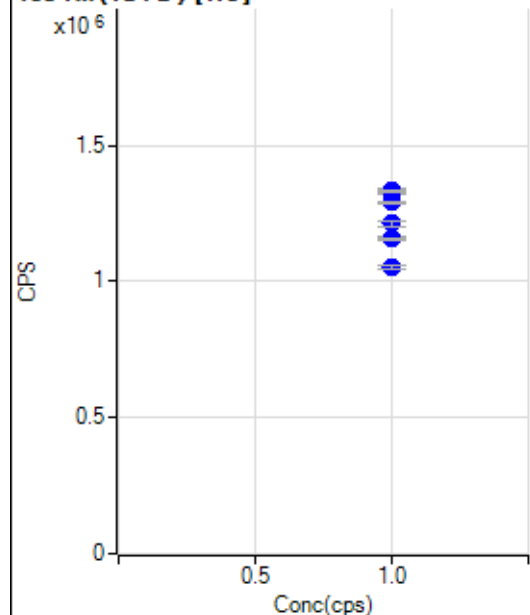
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3601280.40		A	0.2
2	☐	1.000					
3	☐	1.000		3714932.55		A	0.3
4	☐	1.000		3681587.59		A	0.7
5	☐	1.000		3617534.74		A	0.6
6	☐	1.000		3234376.17		A	1.2
7	☐	1.000		3361823.73		A	0.5
8	☐	1.000		3493819.05		A	0.3
9	☐	1.000		3188973.39		A	0.7

89 Y(ISTD) [He]

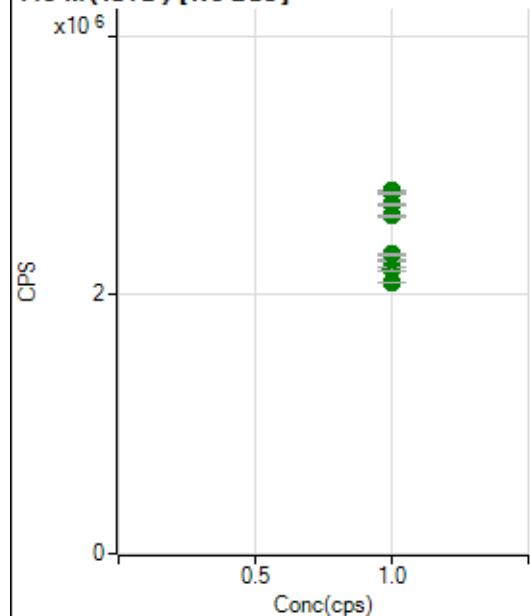
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		552132.30		P	0.5
2	☐	1.000					
3	☐	1.000		549501.58		P	1.3
4	☐	1.000		551562.53		P	0.7
5	☐	1.000		536245.16		P	0.6
6	☐	1.000		484948.87		P	1.1
7	☐	1.000		492285.71		P	0.5
8	☐	1.000		530044.52		P	1.3
9	☐	1.000		506952.70		P	1.1

103 Rh(ISTD) [No Gas]

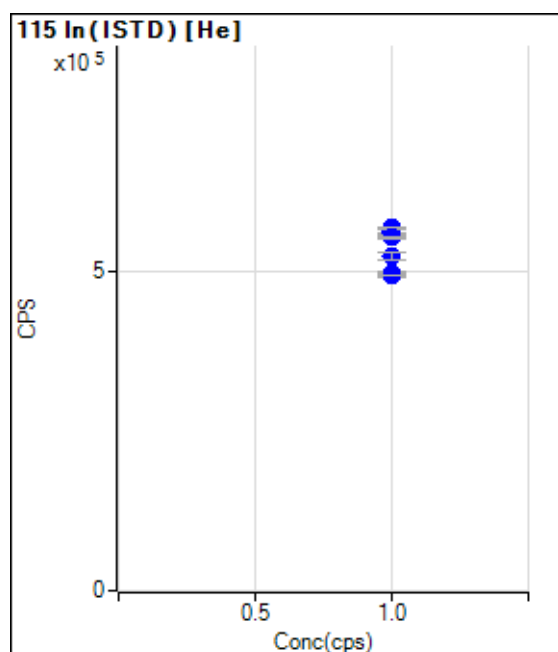
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2761595.63		A	0.9
2	☐	1.000					
3	☐	1.000		2786747.24		A	0.6
4	☐	1.000		2765021.79		A	0.9
5	☐	1.000		2679243.94		A	1.0
6	☐	1.000		2376087.33		A	1.9
7	☐	1.000		2413361.64		A	0.5
8	☐	1.000		2478916.74		A	0.7
9	☐	1.000		2138062.22		A	0.2

103 Rh (ISTD) [He]

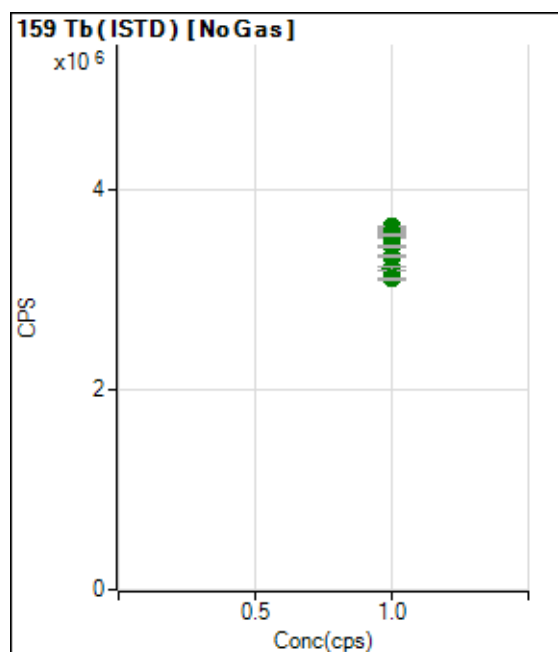
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1333232.52		P	1.3
2	☐	1.000					
3	☐	1.000		1332107.64		P	0.8
4	☐	1.000		1329354.29		P	0.4
5	☐	1.000		1290208.49		P	0.6
6	☐	1.000		1160608.03		P	1.2
7	☐	1.000		1156355.92		P	0.5
8	☐	1.000		1214153.20		P	1.8
9	☐	1.000		1052573.40		P	0.8

115 In (ISTD) [No Gas]

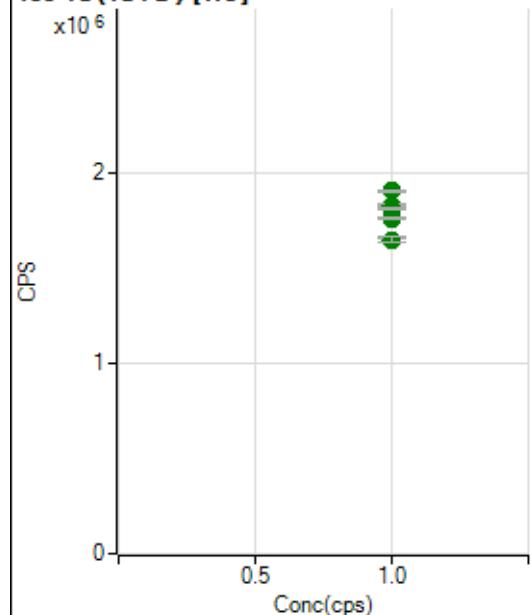
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2606940.61		A	0.3
2	☐	1.000					
3	☐	1.000		2802466.84		A	0.4
4	☐	1.000		2785484.31		A	0.7
5	☐	1.000		2699506.28		A	0.3
6	☐	1.000		2202619.20		A	1.4
7	☐	1.000		2266962.12		A	0.3
8	☐	1.000		2310675.13		A	0.2
9	☐	1.000		2090913.47		A	0.2



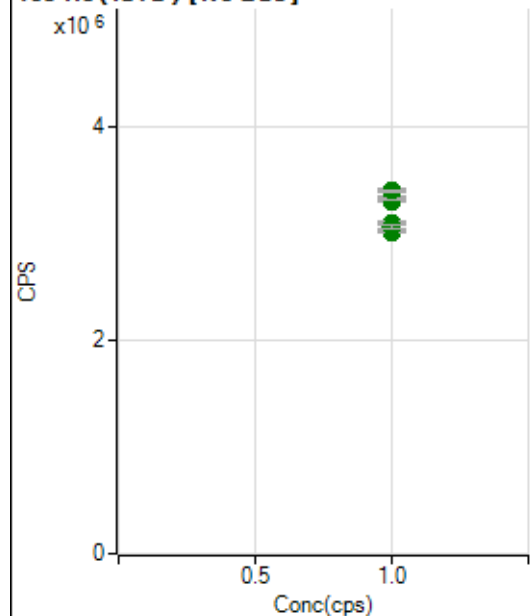
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		563497.61		P	1.0
2	☐	1.000					
3	☐	1.000		560656.39		P	1.2
4	☐	1.000		567366.23		P	0.4
5	☐	1.000		551992.89		P	0.5
6	☐	1.000		495691.08		P	1.8
7	☐	1.000		493685.68		P	0.8
8	☐	1.000		524013.92		P	2.2
9	☐	1.000		492552.61		P	0.3



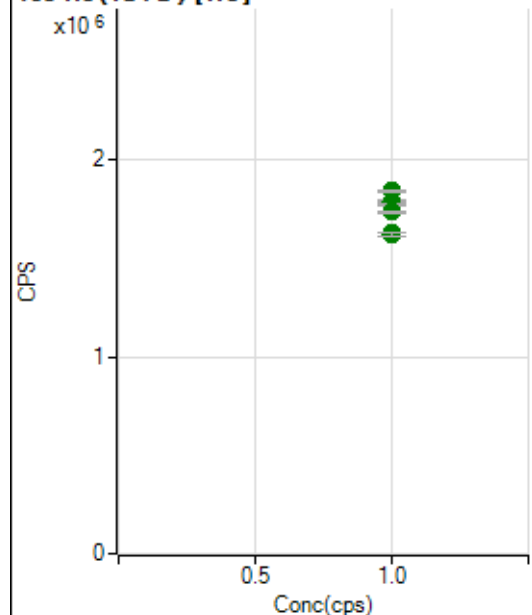
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3636837.69		A	0.9
2	☐	1.000					
3	☐	1.000		3527835.78		A	0.4
4	☐	1.000		3593803.98		A	0.2
5	☐	1.000		3561125.50		A	0.6
6	☐	1.000		3224934.36		A	1.2
7	☐	1.000		3341586.69		A	0.9
8	☐	1.000		3442660.57		A	0.5
9	☐	1.000		3118099.68		A	0.7

159 Tb (ISTD) [He]

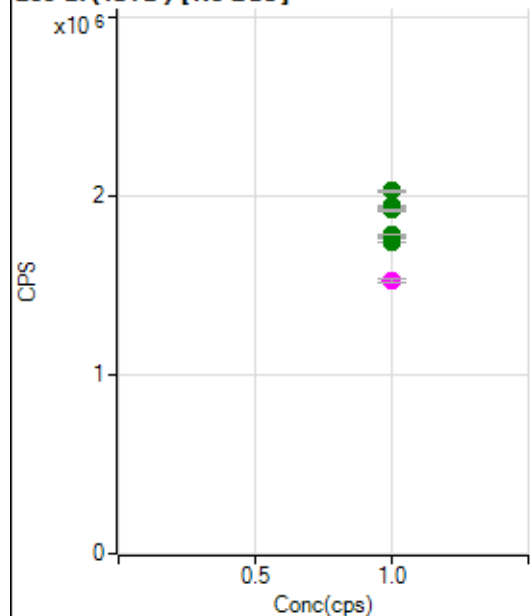
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1902330.96		A	0.2
2	☐	1.000					
3	☐	1.000		1811450.58		A	1.0
4	☐	1.000		1824032.42		A	0.8
5	☐	1.000		1808805.39		A	0.4
6	☐	1.000		1646684.44		A	1.3
7	☐	1.000		1642457.72		A	1.4
8	☐	1.000		1755406.87		A	0.5
9	☐	1.000		1648046.83		A	1.4

165 Ho (ISTD) [No Gas]

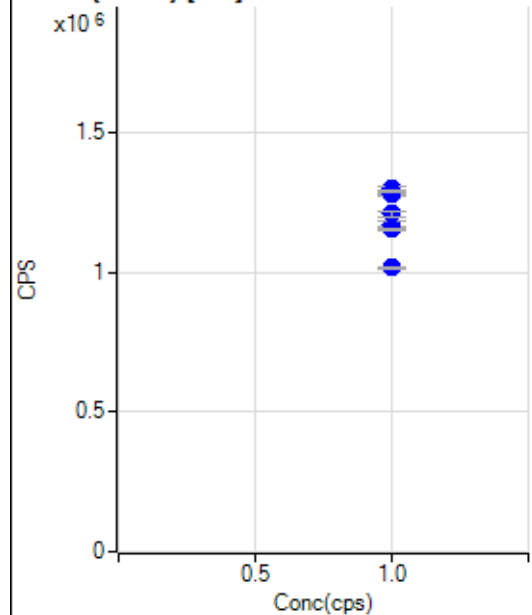
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3304716.16		A	0.3
2	☐	1.000					
3	☐	1.000		3345046.82		A	0.2
4	☐	1.000		3401028.79		A	1.0
5	☐	1.000		3323321.06		A	0.3
6	☐	1.000		3017819.45		A	0.8
7	☐	1.000		3107416.91		A	0.3
8	☐	1.000		3401776.88		A	0.3
9	☐	1.000		3070871.81		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1841066.66		A	0.2
2	☐	1.000					
3	☐	1.000		1775874.29		A	0.8
4	☐	1.000		1784884.71		A	0.8
5	☐	1.000		1771342.78		A	0.1
6	☐	1.000		1631015.88		A	0.4
7	☐	1.000		1620399.99		A	1.7
8	☐	1.000		1735486.43		A	0.7
9	☐	1.000		1619403.35		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2027285.35		A	0.5
2	☐	1.000					
3	☐	1.000		1930085.94		A	0.5
4	☐	1.000		1941225.19		A	0.7
5	☐	1.000		1918482.30		A	0.2
6	☐	1.000		1740749.57		A	0.3
7	☐	1.000		1766390.51		A	0.4
8	☐	1.000		1784150.51		A	0.4
9	☐	1.000		1525497.56		M	1.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1282792.63		P	0.7
2	☐	1.000					
3	☐	1.000		1280495.81		P	1.4
4	☐	1.000		1298832.82		P	0.9
5	☐	1.000		1290381.86		P	0.4
6	☐	1.000		1172103.21		P	1.7
7	☐	1.000		1155462.29		P	0.6
8	☐	1.000		1210357.91		P	1.7
9	☐	1.000		1016637.85		P	0.9

US EPA Tune Check Sample Report

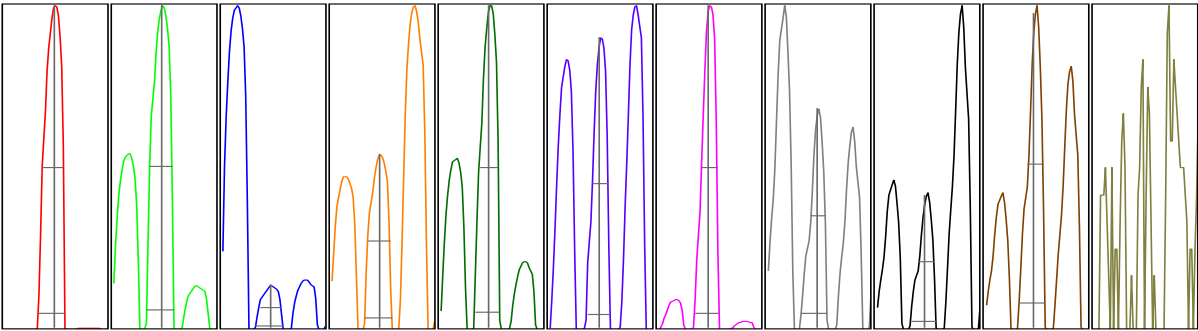
Batch Folder D:\ICP-MS Data\P7071019MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8884	0.41	5.00	
24	79087	0.46	5.00	
25	10572	0.40	5.00	
26	11951	0.48	5.00	
59	38132	0.58	5.00	
113	3286	0.76	5.00	
115	39237	0.41	5.00	
206	8293	0.43	5.00	
207	7703	0.62	5.00	
208	18058	0.22	5.00	
220	0	63.95		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8853	8896	8926	8904	8840
24	79097	78581	79381	79478	78899
25	10529	10580	10555	10640	10554
26	11890	11895	11975	12024	11970
59	37919	37970	38287	38434	38053
113	3251	3274	3308	3311	3286
115	39161	39321	39475	39144	39083
206	8234	8320	8317	8308	8288
207	7633	7729	7753	7723	7675
208	18037	18029	18046	18129	18048
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	15376	9.00	8.9 - 9.1		0.772	0.900	
24	132294	23.95	23.9 - 24.1		0.784	0.900	
25	17726	24.95	24.9 - 25.1		0.785	0.900	
26	20264	25.95	25.9 - 26.1		0.780	0.900	
59	71118	58.95	58.9 - 59.1		0.733	0.900	
113	6966	113.00	112.9 - 113.1		0.687	0.900	
115	83920	115.00	114.9 - 115.1		0.715	0.900	
206	18181	206.00	205.9 - 206.1		0.739	0.900	
207	16233	206.95	206.9 - 207.1		0.730	0.900	
208	38421	207.95	207.9 - 208.1		0.740	0.900	
220	0	219.95	-		0.500		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.9	V	Deflect	13.8	V
Extract 2	-140.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	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	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	9292	0.73	
89	13035	0.96	
205	7931	0.24	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	9366	9298	9286	9327	9183
89	13101	12901	13131	13145	12897
205	7923	7905	7958	7934	7934

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.5	V	Deflect	2.2	V
Extract 2	-165.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-80	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 12:07:59 DataFile Name : 005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	-0.16	-0.04	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	-0.01	0.00	N/A	ppb
Arsenic	75-1	0.00	-0.13	0.13	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.08	-0.17	0.09	0.00	N/A	ppb
Boron	11-1	0.17	-0.13	-0.04	0.00	N/A	ppb
Cadmium	111-1	0.08	-0.15	0.07	0.00	N/A	ppb
Cadmium	106-1	0.89	-1.81	0.92	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-0.71	0.17	0.54	0.00	N/A	ppb
Calcium	44-1	0.01	-1.09	1.07	0.00	N/A	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	-0.02	0.04	-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	0.13	-0.05	-0.08	0.00	N/A	ppb
Iron	57-2	-0.14	-0.07	0.21	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	0.16	-0.11	-0.05	0.00	N/A	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:07:59	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.07	-0.06	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	-0.03	0.00	N/A	ppb
Phosphorus	31-2	-31.06	-31.76	-39.84	-34.22		ppb
Potassium	39-2	-1.40	-0.65	2.05	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.27	-0.27	0.55	0.00	N/A	ppb
Selenium	78-2	-0.64	1.16	-0.52	0.00	N/A	ppb
Selenium	82-1	-0.50	0.43	0.06	0.00	N/A	ppb
Silicon	28-1	0.62	-0.05	-0.57	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.12	-1.10	0.98	0.00	N/A	ppb
Strontium	86-1	-0.01	0.06	-0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	315.04	65.12	15.97	132.05	121.45	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
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Titanium	47-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:07:59	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	-0.10	0.13	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:15:51	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.37	20.09	17.63	19.70	9.64	ppb
Antimony	121-1	1.83	1.90	1.95	1.89	3.27	ppb
Arsenic	75-1	0.98	0.88	0.87	0.91	6.66	ppb
Barium	135-1	10.38	10.58	9.39	10.12	6.33	ppb
Barium	137-1	9.80	10.03	10.05	9.96	1.38	ppb
Beryllium	9-1	1.02	1.02	1.08	1.04	3.39	ppb
Bismuth	209-1				95		%
Bismuth	209-2				100		%
Boron	10-1	24.58	24.00	25.05	24.54	2.16	ppb
Boron	11-1	25.25	24.99	24.77	25.00	0.96	ppb
Cadmium	111-1	1.17	1.29	1.15	1.21	6.21	ppb
Cadmium	106-1	1.77	2.91	1.24	1.97	43.20	ppb
Cadmium	108-1	0.87	1.01	0.94	0.94	7.50	ppb
Calcium	43-1	473.85	477.23	459.27	470.12	2.03	ppb
Calcium	44-1	476.41	487.87	478.38	480.89	1.27	ppb
Chromium	52-2	2.11	2.18	2.16	2.15	1.55	ppb
Cobalt	59-2	1.11	1.13	1.15	1.13	1.86	ppb
Copper	63-2	2.33	2.12	2.15	2.20	5.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	51.45	52.20	51.07	51.58	1.11	ppb
Iron	57-2	61.07	55.59	54.47	57.04	6.19	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.91	0.91	0.91	0.64	ppb
Lead	207-1	0.88	1.03	0.95	0.95	7.79	ppb
Lead	208-1	0.89	0.94	0.89	0.91	2.98	ppb
Lithium	6-1				99		%
Magnesium	24-2	541.09	542.18	547.63	543.63	0.64	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:15:51	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.83	0.95	0.93	0.90	7.01	ppb
Molybdenum	94-1	4.17	4.19	4.11	4.16	0.98	ppb
Molybdenum	95-1	4.06	3.79	3.98	3.95	3.49	ppb
Molybdenum	96-1	4.15	4.05	3.91	4.04	2.93	ppb
Molybdenum	97-1	4.08	3.92	3.89	3.96	2.61	ppb
Molybdenum	98-1	3.78	3.91	3.92	3.87	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.09	1.06	1.06	2.71	ppb
Phosphorus	31-2	30.94	48.49	23.23	34.22	37.82	ppb
Potassium	39-2	489.82	495.99	494.56	493.46	0.65	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	3.94	5.49	5.52	4.98	18.05	ppb
Selenium	78-2	2.95	5.04	3.82	3.93	26.70	ppb
Selenium	82-1	5.00	4.93	4.71	4.88	3.13	ppb
Silicon	28-1	8.14	8.54	7.94	8.21	3.75	ppb
Silver	109-1	0.99	1.16	1.04	1.06	8.26	ppb
Silver	107-1	1.04	1.08	0.99	1.04	4.01	ppb
Sodium	23-2	524.42	526.13	522.94	524.50	0.30	ppb
Strontium	86-1	0.99	0.97	0.93	0.96	3.24	ppb
Strontium	88-1	0.96	0.97	1.01	0.98	2.50	ppb
Sulfur	34-1	-210.01	85.46	-271.58	-132.05		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.95	0.98	0.88	0.94	5.94	ppb
Thallium	205-1	1.00	0.92	0.95	0.96	4.10	ppb
Thorium	232-1	0.88	0.89	0.87	0.88	1.11	ppb
Tin	118-1	5.23	5.15	5.13	5.17	1.08	ppb
Titanium	47-1	3.78	3.80	3.97	3.85	2.68	ppb
Uranium	238-1	0.98	0.94	0.91	0.94	3.90	ppb
Vanadium	51-2	5.25	5.43	5.32	5.34	1.74	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:15:51	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.07	1.88	2.14	2.03	6.51	ppb
Zirconium	90-1	0.93	0.92	0.96	0.94	1.81	ppb
Zirconium	91-1	0.96	0.94	0.95	0.95	1.09	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:19:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	979.03	1000.29	963.20	980.84	1.90	ppb
Antimony	121-1	50.44	51.00	49.72	50.39	1.27	ppb
Arsenic	75-1	51.90	53.51	51.53	52.31	2.01	ppb
Barium	135-1	255.96	253.95	254.84	254.92	0.40	ppb
Barium	137-1	257.64	258.23	254.02	256.63	0.89	ppb
Beryllium	9-1	55.36	53.63	54.94	54.64	1.65	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	10-1	52.44	51.95	51.22	51.87	1.18	ppb
Boron	11-1	52.72	50.60	52.56	51.96	2.27	ppb
Cadmium	111-1	53.10	53.56	53.82	53.49	0.68	ppb
Cadmium	106-1	52.64	53.22	55.78	53.88	3.10	ppb
Cadmium	108-1	56.09	55.10	53.28	54.83	2.60	ppb
Calcium	43-1	5112.58	5175.60	5079.00	5122.39	0.96	ppb
Calcium	44-1	4993.76	4953.69	4949.89	4965.78	0.49	ppb
Chromium	52-2	52.50	53.20	51.63	52.44	1.50	ppb
Cobalt	59-2	55.06	55.54	54.17	54.92	1.27	ppb
Copper	63-2	111.50	110.99	109.36	110.62	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	2525.61	2524.17	2458.74	2502.84	1.53	ppb
Iron	57-2	2626.91	2627.50	2519.10	2591.17	2.41	ppb
Krypton	83-1						cps
Lead	206-1	50.70	50.65	50.44	50.59	0.27	ppb
Lead	207-1	49.08	50.82	50.75	50.22	1.96	ppb
Lead	208-1	50.38	50.37	50.30	50.35	0.09	ppb
Lithium	6-1				98		%
Magnesium	24-2	5340.18	5277.69	5198.80	5272.22	1.34	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:19:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	106.11	106.91	102.79	105.27	2.08	ppb
Molybdenum	94-1	257.43	251.66	254.95	254.68	1.14	ppb
Molybdenum	95-1	254.86	249.09	252.75	252.23	1.16	ppb
Molybdenum	96-1	254.06	249.67	252.65	252.13	0.89	ppb
Molybdenum	97-1	254.08	255.57	252.56	254.07	0.59	ppb
Molybdenum	98-1	255.20	255.07	252.63	254.30	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.10	54.19	53.02	53.44	1.23	ppb
Phosphorus	31-2	1001.30	1032.99	975.81	1003.37	2.86	ppb
Potassium	39-2	2536.83	2535.16	2476.86	2516.28	1.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	43.47	44.24	48.18	45.29	5.58	ppb
Selenium	78-2	47.12	59.58	51.11	52.60	12.10	ppb
Selenium	82-1	51.54	50.08	51.05	50.89	1.46	ppb
Silicon	28-1	51.26	51.53	52.58	51.79	1.35	ppb
Silver	109-1	54.13	54.65	53.94	54.24	0.67	ppb
Silver	107-1	54.76	54.17	54.67	54.53	0.58	ppb
Sodium	23-2	5214.62	5190.02	5095.20	5166.61	1.22	ppb
Strontium	86-1	51.85	51.63	50.81	51.43	1.06	ppb
Strontium	88-1	51.44	51.36	51.72	51.51	0.36	ppb
Sulfur	34-1	993.97	1024.28	1257.52	1091.92	13.21	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	48.76	49.16	48.75	48.89	0.48	ppb
Thallium	205-1	49.14	49.76	50.28	49.73	1.15	ppb
Thorium	232-1	47.87	47.57	47.62	47.68	0.33	ppb
Tin	118-1	52.13	50.72	50.10	50.98	2.04	ppb
Titanium	47-1	253.21	252.06	252.42	252.56	0.23	ppb
Uranium	238-1	48.89	48.26	48.69	48.61	0.66	ppb
Vanadium	51-2	51.87	51.73	51.57	51.72	0.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:19:57	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	105.03	109.90	104.21	106.38	2.89	ppb
Zirconium	90-1	51.01	49.79	50.27	50.36	1.22	ppb
Zirconium	91-1	52.44	51.46	51.00	51.64	1.42	ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 12:24:18 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2501.43	2529.50	2432.99	2487.97	2.00	ppb
Antimony	121-1	127.14	130.46	129.00	128.86	1.29	ppb
Arsenic	75-1	132.40	133.68	130.23	132.10	1.32	ppb
Barium	135-1	638.33	646.09	647.05	643.83	0.74	ppb
Barium	137-1	633.07	655.35	646.97	645.13	1.74	ppb
Beryllium	9-1	131.09	130.88	135.76	132.58	2.08	ppb
Bismuth	209-1				95		%
Bismuth	209-2				101		%
Boron	10-1	123.75	123.82	128.30	125.29	2.08	ppb
Boron	11-1	125.18	127.46	131.53	128.06	2.51	ppb
Cadmium	111-1	133.40	135.39	135.19	134.66	0.81	ppb
Cadmium	106-1	133.93	140.04	137.93	137.30	2.26	ppb
Cadmium	108-1	135.79	129.56	130.47	131.94	2.55	ppb
Calcium	43-1	12546.52	12760.23	12739.82	12682.19	0.93	ppb
Calcium	44-1	12317.58	12270.87	12225.90	12271.45	0.37	ppb
Chromium	52-2	133.92	132.91	132.88	133.24	0.44	ppb
Cobalt	59-2	139.20	139.07	139.75	139.34	0.26	ppb
Copper	63-2	282.57	282.19	280.67	281.81	0.36	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				101		%
Holmium	165-2				96		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	6410.81	6323.22	6310.21	6348.08	0.86	ppb
Iron	57-2	6674.10	6608.46	6632.50	6638.35	0.50	ppb
Krypton	83-1						cps
Lead	206-1	128.08	129.33	129.64	129.02	0.64	ppb
Lead	207-1	127.61	129.03	127.75	128.13	0.61	ppb
Lead	208-1	127.68	129.21	128.30	128.39	0.60	ppb
Lithium	6-1				98		%
Magnesium	24-2	12903.46	12936.38	12663.57	12834.47	1.16	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:24:18	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	266.84	268.35	266.58	267.25	0.36	ppb
Molybdenum	94-1	640.36	639.44	629.43	636.41	0.95	ppb
Molybdenum	95-1	631.89	633.69	618.23	627.94	1.35	ppb
Molybdenum	96-1	627.54	626.17	619.96	624.56	0.65	ppb
Molybdenum	97-1	645.29	643.47	631.66	640.14	1.16	ppb
Molybdenum	98-1	627.05	623.36	617.73	622.71	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.88	138.49	136.92	137.43	0.67	ppb
Phosphorus	31-2	2660.58	2559.74	2508.05	2576.12	3.01	ppb
Potassium	39-2	6289.59	6261.17	6216.16	6255.64	0.59	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	123.27	136.55	113.38	124.40	9.35	ppb
Selenium	78-2	126.26	124.91	123.80	124.99	0.99	ppb
Selenium	82-1	129.23	128.27	128.72	128.74	0.37	ppb
Silicon	28-1	125.55	126.39	127.12	126.36	0.62	ppb
Silver	109-1	134.47	136.45	135.27	135.39	0.74	ppb
Silver	107-1	133.47	136.40	134.88	134.91	1.09	ppb
Sodium	23-2	12861.49	12829.57	12570.40	12753.82	1.25	ppb
Strontium	86-1	128.16	129.16	125.96	127.76	1.28	ppb
Strontium	88-1	129.36	127.92	126.55	127.94	1.10	ppb
Sulfur	34-1	2760.96	2785.95	2584.04	2710.31	4.06	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	124.15	126.27	123.48	124.63	1.17	ppb
Thallium	205-1	126.67	127.92	127.75	127.45	0.53	ppb
Thorium	232-1	121.79	122.80	122.22	122.27	0.42	ppb
Tin	118-1	128.00	127.95	128.98	128.31	0.45	ppb
Titanium	47-1	622.21	630.85	624.30	625.79	0.72	ppb
Uranium	238-1	123.61	123.98	125.18	124.26	0.66	ppb
Vanadium	51-2	130.10	130.26	130.75	130.37	0.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:24:18	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	272.22	274.47	275.61	274.10	0.63	ppb
Zirconium	90-1	126.34	125.76	124.13	125.41	0.91	ppb
Zirconium	91-1	131.88	131.47	129.73	131.03	0.87	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:28:22	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4803.22	4821.32	4764.15	4796.23	0.61	ppb
Antimony	121-1	255.25	258.04	258.49	257.26	0.68	ppb
Arsenic	75-1	260.10	261.00	261.32	260.81	0.24	ppb
Barium	135-1	1273.35	1276.01	1273.13	1274.16	0.13	ppb
Barium	137-1	1261.98	1265.62	1271.74	1266.45	0.39	ppb
Beryllium	9-1	252.91	256.75	256.18	255.28	0.81	ppb
Bismuth	209-1				86		%
Bismuth	209-2				91		%
Boron	10-1	244.47	253.73	261.92	253.37	3.45	ppb
Boron	11-1	253.22	259.02	260.41	257.55	1.48	ppb
Cadmium	111-1	261.96	265.26	261.35	262.86	0.80	ppb
Cadmium	106-1	269.07	267.63	256.27	264.32	2.65	ppb
Cadmium	108-1	257.16	267.78	263.96	262.97	2.05	ppb
Calcium	43-1	25139.80	25440.08	25200.74	25260.20	0.63	ppb
Calcium	44-1	24622.97	24419.95	24332.67	24458.53	0.61	ppb
Chromium	52-2	261.62	261.69	261.23	261.51	0.09	ppb
Cobalt	59-2	275.85	273.61	273.30	274.25	0.51	ppb
Copper	63-2	555.82	554.41	547.48	552.57	0.81	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				91		%
Holmium	165-2				89		%
Indium	115-1				84		%
Indium	115-2				88		%
Iron	56-2	12674.03	12513.84	12355.01	12514.30	1.27	ppb
Iron	57-2	13131.95	12937.08	12846.35	12971.80	1.12	ppb
Krypton	83-1						cps
Lead	206-1	247.08	257.17	262.09	255.44	3.00	ppb
Lead	207-1	248.21	253.43	257.44	253.03	1.83	ppb
Lead	208-1	252.94	254.77	260.51	256.08	1.54	ppb
Lithium	6-1				88		%
Magnesium	24-2	25622.43	25375.65	25009.77	25335.95	1.22	ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 12:28:22 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	520.22	522.36	517.75	520.11	0.44	ppb
Molybdenum	94-1	1226.22	1229.01	1233.39	1229.54	0.29	ppb
Molybdenum	95-1	1224.78	1226.12	1221.37	1224.09	0.20	ppb
Molybdenum	96-1	1210.79	1213.45	1227.24	1217.16	0.73	ppb
Molybdenum	97-1	1186.58	1200.31	1208.40	1198.43	0.92	ppb
Molybdenum	98-1	1212.10	1210.81	1222.12	1215.01	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	270.38	264.68	264.87	266.64	1.21	ppb
Phosphorus	31-2	5237.62	5155.39	5086.27	5159.76	1.47	ppb
Potassium	39-2	12185.86	12139.27	12036.46	12120.53	0.63	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				86		%
Scandium	45-2				85		%
Selenium	77-2	224.75	261.16	243.46	243.12	7.49	ppb
Selenium	78-2	250.81	240.33	245.96	245.70	2.13	ppb
Selenium	82-1	254.88	259.20	256.04	256.71	0.87	ppb
Silicon	28-1	253.72	255.28	253.12	254.04	0.44	ppb
Silver	109-1	262.46	268.59	262.01	264.35	1.39	ppb
Silver	107-1	261.54	265.85	263.60	263.66	0.82	ppb
Sodium	23-2	25488.34	25279.10	24820.52	25195.99	1.36	ppb
Strontium	86-1	255.60	257.97	254.80	256.12	0.64	ppb
Strontium	88-1	250.84	252.66	250.91	251.47	0.41	ppb
Sulfur	34-1	5597.81	5331.04	5042.20	5323.68	5.22	ppb
Terbium	159-1				89		%
Terbium	159-2				87		%
Thallium	203-1	243.66	251.99	253.98	249.87	2.19	ppb
Thallium	205-1	247.17	254.42	256.16	252.58	1.89	ppb
Thorium	232-1	236.96	242.73	243.82	241.17	1.53	ppb
Tin	118-1	253.70	256.42	252.15	254.09	0.85	ppb
Titanium	47-1	1229.04	1214.84	1205.07	1216.32	0.99	ppb
Uranium	238-1	239.34	245.24	248.83	244.47	1.96	ppb
Vanadium	51-2	258.95	256.34	257.16	257.48	0.52	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:28:22	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	542.67	535.72	537.15	538.51	0.68	ppb
Zirconium	90-1	248.78	248.18	249.88	248.95	0.35	ppb
Zirconium	91-1	266.29	261.89	262.51	263.56	0.91	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:32:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9538.75	9498.56	9607.51	9548.27	0.58	ppb
Antimony	121-1	504.43	504.92	509.05	506.13	0.50	ppb
Arsenic	75-1	507.92	512.37	508.88	509.72	0.46	ppb
Barium	135-1	2506.76	2498.85	2541.71	2515.77	0.91	ppb
Barium	137-1	2519.54	2519.85	2526.58	2521.99	0.16	ppb
Beryllium	9-1	504.05	508.00	502.16	504.74	0.59	ppb
Bismuth	209-1				87		%
Bismuth	209-2				90		%
Boron	10-1	499.19	511.33	507.67	506.06	1.23	ppb
Boron	11-1	503.81	507.66	515.72	509.06	1.19	ppb
Cadmium	111-1	509.99	510.53	518.76	513.10	0.96	ppb
Cadmium	106-1	498.66	508.04	514.09	506.93	1.53	ppb
Cadmium	108-1	514.12	506.61	512.58	511.10	0.78	ppb
Calcium	43-1	50514.95	50187.81	50505.52	50402.76	0.37	ppb
Calcium	44-1	49007.07	49316.36	49086.79	49136.74	0.33	ppb
Chromium	52-2	516.20	522.67	523.03	520.64	0.74	ppb
Cobalt	59-2	539.10	539.87	547.44	542.14	0.85	ppb
Copper	63-2	1067.39	1089.80	1096.98	1084.72	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				88		%
Indium	115-1				87		%
Indium	115-2				88		%
Iron	56-2	24955.56	24934.80	25064.50	24984.96	0.28	ppb
Iron	57-2	25873.59	26071.43	26051.05	25998.69	0.42	ppb
Krypton	83-1						cps
Lead	206-1	509.03	507.56	499.55	505.38	1.01	ppb
Lead	207-1	508.22	510.72	512.50	510.48	0.42	ppb
Lead	208-1	505.76	506.35	501.08	504.40	0.57	ppb
Lithium	6-1				89		%
Magnesium	24-2	50453.78	50558.02	50499.17	50503.65	0.10	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:32:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1034.17	1038.45	1044.18	1038.93	0.48	ppb
Molybdenum	94-1	2513.61	2533.28	2494.32	2513.74	0.77	ppb
Molybdenum	95-1	2496.45	2544.73	2497.15	2512.77	1.10	ppb
Molybdenum	96-1	2502.75	2534.15	2488.88	2508.59	0.92	ppb
Molybdenum	97-1	2469.81	2524.75	2485.29	2493.29	1.14	ppb
Molybdenum	98-1	2465.58	2562.18	2495.31	2507.69	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.62	529.06	529.16	527.28	0.60	ppb
Phosphorus	31-2	10321.69	10005.65	10327.00	10218.11	1.80	ppb
Potassium	39-2	24148.45	24073.96	24098.01	24106.81	0.16	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	77-2	501.67	512.87	519.72	511.42	1.78	ppb
Selenium	78-2	518.42	500.87	518.37	512.55	1.97	ppb
Selenium	82-1	500.58	509.64	502.48	504.23	0.95	ppb
Silicon	28-1	503.52	520.04	522.07	515.21	1.98	ppb
Silver	109-1	503.18	505.68	508.25	505.71	0.50	ppb
Silver	107-1	508.69	510.54	515.01	511.41	0.63	ppb
Sodium	23-2	50559.88	50093.80	50038.33	50230.67	0.57	ppb
Strontium	86-1	503.35	516.87	507.57	509.26	1.36	ppb
Strontium	88-1	509.99	514.85	500.65	508.50	1.42	ppb
Sulfur	34-1	9831.71	9607.27	9555.32	9664.77	1.52	ppb
Terbium	159-1				92		%
Terbium	159-2				86		%
Thallium	203-1	502.59	505.97	495.56	501.37	1.06	ppb
Thallium	205-1	499.12	505.76	496.83	500.57	0.93	ppb
Thorium	232-1	499.66	502.99	492.59	498.41	1.07	ppb
Tin	118-1	500.79	500.42	500.48	500.56	0.04	ppb
Titanium	47-1	2491.57	2550.32	2493.66	2511.85	1.33	ppb
Uranium	238-1	497.68	501.46	498.44	499.19	0.40	ppb
Vanadium	51-2	512.76	516.36	518.66	515.93	0.58	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:32:21	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1041.49	1046.22	1050.67	1046.12	0.44	ppb
Zirconium	90-1	500.99	510.85	505.99	505.94	0.97	ppb
Zirconium	91-1	504.73	519.53	507.59	510.62	1.54	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:36:19	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18346.58	18310.18	18351.30	18336.02	0.12	ppb
Antimony	121-1	987.07	996.73	1000.05	994.62	0.68	ppb
Arsenic	75-1	978.23	1001.05	995.02	991.43	1.19	ppb
Barium	135-1	4949.12	4985.75	5015.55	4983.47	0.67	ppb
Barium	137-1	4984.73	4936.78	5024.61	4982.04	0.88	ppb
Beryllium	9-1	992.97	1001.21	991.21	995.13	0.54	ppb
Bismuth	209-1				88		%
Bismuth	209-2				94		%
Boron	10-1	976.73	1008.71	1002.58	996.01	1.70	ppb
Boron	11-1	972.29	1003.65	1003.36	993.10	1.81	ppb
Cadmium	111-1	992.40	981.09	993.07	988.85	0.68	ppb
Cadmium	106-1	984.31	985.95	1003.41	991.22	1.07	ppb
Cadmium	108-1	991.36	994.46	984.48	990.10	0.52	ppb
Calcium	43-1	95673.50	96100.02	96664.13	96145.88	0.52	ppb
Calcium	44-1	95171.79	94816.29	96172.46	95386.85	0.74	ppb
Chromium	52-2	978.37	988.94	989.64	985.65	0.64	ppb
Cobalt	59-2	976.28	967.59	968.63	970.83	0.49	ppb
Copper	63-2	1942.20	1942.82	1934.94	1939.99	0.23	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				94		%
Indium	115-1				89		%
Indium	115-2				93		%
Iron	56-2	47945.91	48177.03	47364.41	47829.12	0.88	ppb
Iron	57-2	50471.08	50666.51	50500.57	50546.05	0.21	ppb
Krypton	83-1						cps
Lead	206-1	998.35	1000.45	987.45	995.42	0.70	ppb
Lead	207-1	992.12	999.79	988.89	993.60	0.56	ppb
Lead	208-1	997.32	998.65	991.56	995.84	0.38	ppb
Lithium	6-1				89		%
Magnesium	24-2	96320.52	95600.32	95537.47	95819.44	0.45	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:36:19	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1962.13	1980.07	1977.06	1973.08	0.49	ppb
Molybdenum	94-1	4945.76	5024.47	5019.53	4996.59	0.88	ppb
Molybdenum	95-1	4993.24	5030.31	4975.29	4999.61	0.56	ppb
Molybdenum	96-1	5028.05	4999.45	4984.09	5003.86	0.45	ppb
Molybdenum	97-1	4997.72	5029.74	5015.00	5014.15	0.32	ppb
Molybdenum	98-1	4966.30	5035.22	5013.41	5004.97	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	972.54	985.98	982.90	980.47	0.72	ppb
Phosphorus	31-2	19865.93	19803.95	19854.08	19841.32	0.17	ppb
Potassium	39-2	46940.17	46388.29	46304.79	46544.42	0.74	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	77-2	972.80	1019.01	997.15	996.32	2.32	ppb
Selenium	78-2	1017.35	976.41	990.27	994.68	2.09	ppb
Selenium	82-1	991.63	999.63	995.83	995.70	0.40	ppb
Silicon	28-1	972.33	994.80	1006.31	991.14	1.74	ppb
Silver	109-1	993.21	992.12	990.82	992.05	0.12	ppb
Silver	107-1	983.29	991.32	993.63	989.41	0.55	ppb
Sodium	23-2	96210.20	94990.67	94938.07	95379.65	0.75	ppb
Strontium	86-1	989.20	997.91	993.16	993.42	0.44	ppb
Strontium	88-1	989.54	996.29	998.98	994.94	0.49	ppb
Sulfur	34-1	19936.21	20027.87	20203.35	20055.81	0.68	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	999.78	994.05	1004.51	999.45	0.52	ppb
Thallium	205-1	1000.71	1006.41	989.22	998.78	0.88	ppb
Thorium	232-1	1008.81	1006.58	994.99	1003.46	0.74	ppb
Tin	118-1	988.11	999.15	1007.44	998.23	0.97	ppb
Titanium	47-1	4999.93	5001.30	5005.58	5002.27	0.06	ppb
Uranium	238-1	999.11	1007.53	999.21	1001.95	0.48	ppb
Vanadium	51-2	986.58	990.66	990.98	989.41	0.25	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:36:19	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1947.89	1969.73	1974.31	1963.98	0.72	ppb
Zirconium	90-1	994.61	998.74	998.32	997.22	0.23	ppb
Zirconium	91-1	994.23	991.60	985.56	990.47	0.45	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:40:16	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99964.54	101612.15	99589.26	100388.65	1.07	ppb
Antimony	121-1	1.60	1.50	1.60	1.57	3.70	ppb
Arsenic	75-1	1.48	1.79	1.76	1.67	10.24	ppb
Barium	135-1	1.39	1.21	0.82	1.14	25.41	ppb
Barium	137-1	1.49	0.90	1.09	1.16	25.92	ppb
Beryllium	9-1	0.30	0.18	0.19	0.22	30.66	ppb
Bismuth	209-1				75		%
Bismuth	209-2				79		%
Boron	10-1	56.88	53.18	48.28	52.78	8.17	ppb
Boron	11-1	56.60	51.28	47.06	51.65	9.26	ppb
Cadmium	111-1	0.12	0.48	0.29	0.30	60.67	ppb
Cadmium	106-1	-1.57	3.28	2.34	1.35	190.43	ppb
Cadmium	108-1	0.62	0.23	0.47	0.44	43.82	ppb
Calcium	43-1	499058.49	500473.19	502603.69	500711.79	0.36	ppb
Calcium	44-1	497984.82	503916.04	501225.45	501042.10	0.59	ppb
Chromium	52-2	10.15	10.26	10.12	10.18	0.71	ppb
Cobalt	59-2	13.18	13.11	12.92	13.07	1.06	ppb
Copper	63-2	1.85	1.69	1.76	1.77	4.41	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				93		%
Holmium	165-2				88		%
Indium	115-1				80		%
Indium	115-2				87		%
Iron	56-2	248344.97	253635.90	249316.59	250432.49	1.12	ppb
Iron	57-2	249511.18	252305.20	247453.74	249756.71	0.97	ppb
Krypton	83-1						cps
Lead	206-1	1.09	1.12	1.15	1.12	2.40	ppb
Lead	207-1	1.04	0.99	1.04	1.02	2.81	ppb
Lead	208-1	1.07	1.03	1.04	1.04	1.92	ppb
Lithium	6-1				81		%
Magnesium	24-2	498692.81	505824.06	497756.59	500757.82	0.88	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:40:16	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.14	5.35	5.47	5.32	3.11	ppb
Molybdenum	94-1	2.94	2.69	2.41	2.68	9.79	ppb
Molybdenum	95-1	3.27	2.85	2.66	2.93	10.59	ppb
Molybdenum	96-1	4.27	4.00	3.78	4.02	6.02	ppb
Molybdenum	97-1	3.17	2.70	2.59	2.82	10.87	ppb
Molybdenum	98-1	3.29	2.73	2.59	2.87	12.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.90	15.08	14.44	14.81	2.24	ppb
Phosphorus	31-2	-3.56	-17.80	-20.57	-13.98		ppb
Potassium	39-2	250331.19	254182.62	247883.54	250799.12	1.27	ppb
Rhodium	103-1				77		%
Rhodium	103-2				79		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	77-2	0.63	0.62	-0.27	0.32	160.37	ppb
Selenium	78-2	1.05	0.10	0.47	0.54	89.05	ppb
Selenium	82-1	0.66	0.82	0.08	0.52	74.22	ppb
Silicon	28-1	30.08	27.63	27.19	28.30	5.51	ppb
Silver	109-1	0.18	0.15	0.07	0.13	44.00	ppb
Silver	107-1	0.16	0.16	0.12	0.15	16.98	ppb
Sodium	23-2	499902.48	506257.32	496489.71	500883.17	0.99	ppb
Strontium	86-1	4.66	4.57	3.92	4.38	9.24	ppb
Strontium	88-1	4.56	4.49	4.48	4.51	1.01	ppb
Sulfur	34-1	-1741.00	-2047.17	-2056.91	-1948.36		ppb
Terbium	159-1				86		%
Terbium	159-2				87		%
Thallium	203-1	0.57	0.46	0.36	0.46	22.46	ppb
Thallium	205-1	0.50	0.49	0.38	0.45	15.01	ppb
Thorium	232-1	0.35	0.26	0.21	0.27	25.17	ppb
Tin	118-1	0.51	0.45	0.50	0.49	6.85	ppb
Titanium	47-1	1.64	1.14	1.00	1.26	26.79	ppb
Uranium	238-1	0.19	0.18	0.15	0.17	12.49	ppb
Vanadium	51-2	0.15	0.17	0.16	0.16	5.81	ppb
Yttrium	89-1				89		%
Yttrium	89-2				92		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:40:16	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.18	15.15	14.79	15.04	1.43	ppb
Zirconium	90-1	0.42	0.37	0.30	0.37	16.52	ppb
Zirconium	91-1	0.40	0.38	0.26	0.35	20.82	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:59:35	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	457.36	481.65	479.16	472.72	2.83	ppb
Antimony	121-1	196.43	212.31	206.08	204.94	3.90	ppb
Arsenic	75-1	202.65	214.60	210.45	209.23	2.90	ppb
Barium	135-1	100.19	108.44	106.87	105.17	4.17	ppb
Barium	137-1	101.01	109.52	105.36	105.30	4.04	ppb
Beryllium	9-1	101.92	110.19	107.46	106.52	3.96	ppb
Bismuth	209-1				83		%
Bismuth	209-2				96		%
Boron	10-1	4.47	5.07	4.27	4.60	9.02	ppb
Boron	11-1	3.94	4.73	3.82	4.17	11.91	ppb
Cadmium	111-1	103.98	111.17	107.80	107.65	3.34	ppb
Cadmium	106-1	74.26	85.37	78.17	79.27	7.11	ppb
Cadmium	108-1	112.40	116.22	116.99	115.20	2.13	ppb
Calcium	43-1	1875.16	2058.17	2072.77	2002.03	5.50	ppb
Calcium	44-1	1927.94	2111.54	2085.33	2041.60	4.86	ppb
Chromium	52-2	100.86	101.53	103.57	101.98	1.38	ppb
Cobalt	59-2	107.31	107.88	109.22	108.14	0.91	ppb
Copper	63-2	107.09	106.94	108.71	107.58	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				95		%
Indium	115-1				85		%
Indium	115-2				97		%
Iron	56-2	949.79	961.03	966.05	958.96	0.87	ppb
Iron	57-2	1024.29	1076.84	1052.70	1051.27	2.50	ppb
Krypton	83-1						cps
Lead	206-1	202.59	216.64	215.47	211.56	3.68	ppb
Lead	207-1	190.70	204.89	202.71	199.43	3.83	ppb
Lead	208-1	195.53	211.31	207.69	204.84	4.04	ppb
Lithium	6-1				84		%
Magnesium	24-2	1237.33	1278.87	1276.64	1264.28	1.85	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:59:35	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.48	101.52	102.68	101.56	1.08	ppb
Molybdenum	94-1	1610.31	1749.81	1732.89	1697.67	4.48	ppb
Molybdenum	95-1	2156.55	2366.28	2331.76	2284.86	4.92	ppb
Molybdenum	96-1	2077.10	2269.68	2252.76	2199.84	4.85	ppb
Molybdenum	97-1	2127.27	2339.58	2311.21	2259.35	5.10	ppb
Molybdenum	98-1	2139.49	2367.13	2312.64	2273.09	5.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.69	106.45	108.03	106.72	1.12	ppb
Phosphorus	31-2	-42.19	-34.87	-49.87	-42.31		ppb
Potassium	39-2	1975.72	2010.62	2007.26	1997.87	0.96	ppb
Rhodium	103-1				88		%
Rhodium	103-2				95		%
Scandium	45-1				87		%
Scandium	45-2				94		%
Selenium	77-2	199.34	210.82	190.63	200.26	5.06	ppb
Selenium	78-2	196.52	201.45	198.53	198.83	1.25	ppb
Selenium	82-1	197.57	212.49	208.68	206.25	3.76	ppb
Silicon	28-1	11.98	19.08	19.35	16.80	24.88	ppb
Silver	109-1	103.14	110.80	108.77	107.57	3.69	ppb
Silver	107-1	103.11	110.81	107.43	107.12	3.60	ppb
Sodium	23-2	2065.10	2089.14	2114.98	2089.74	1.19	ppb
Strontium	86-1	2.29	2.61	2.29	2.40	7.67	ppb
Strontium	88-1	2.35	2.49	2.47	2.44	3.09	ppb
Sulfur	34-1	-1917.78	-1476.91	-1591.42	-1662.04		ppb
Terbium	159-1				86		%
Terbium	159-2				93		%
Thallium	203-1	197.64	208.04	207.89	204.52	2.91	ppb
Thallium	205-1	197.78	212.67	210.30	206.92	3.86	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	13.44	ppb
Tin	118-1	0.01	0.01	0.04	0.02	89.08	ppb
Titanium	47-1	2152.82	2378.43	2327.33	2286.19	5.17	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	99.30	101.79	102.02	101.03	1.49	ppb
Yttrium	89-1				90		%
Yttrium	89-2				96		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:59:35	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	202.89	203.66	209.22	205.26	1.68	ppb
Zirconium	90-1	0.11	0.12	0.08	0.10	16.31	ppb
Zirconium	91-1	0.24	0.27	0.16	0.22	25.12	ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 13:23:16 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.71	0.69	0.12	0.51	66.69	ppb
Antimony	121-1	0.03	0.04	0.02	0.03	23.30	ppb
Arsenic	75-1	0.13	-0.07	0.00	0.02	462.60	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	39.90	ppb
Bismuth	209-1				77		%
Bismuth	209-2				82		%
Boron	10-1	1.52	1.64	1.69	1.61	5.54	ppb
Boron	11-1	1.13	1.27	1.25	1.22	5.90	ppb
Cadmium	111-1	-0.10	0.00	-0.12	-0.07		ppb
Cadmium	106-1	-1.29	-0.10	-1.54	-0.98		ppb
Cadmium	108-1	0.01	0.10	0.02	0.04	112.34	ppb
Calcium	43-1	1.87	-0.71	2.88	1.35	137.30	ppb
Calcium	44-1	7.44	5.40	4.67	5.84	24.62	ppb
Chromium	52-2	0.03	-0.04	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00		ppb
Copper	63-2	0.02	0.00	-0.01	0.00	244.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				83		%
Indium	115-1				81		%
Indium	115-2				84		%
Iron	56-2	0.79	0.47	0.16	0.47	66.31	ppb
Iron	57-2	2.87	0.64	1.45	1.65	68.27	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.00	0.01	141.77	ppb
Lead	207-1	0.02	0.01	0.00	0.01	105.74	ppb
Lead	208-1	0.01	0.01	-0.01	0.00	282.17	ppb
Lithium	6-1				82		%
Magnesium	24-2	0.01	-0.13	0.18	0.02	749.29	ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 13:23:16 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.63	-0.56	-0.57	-0.58		ppb
Molybdenum	94-1	0.03	0.04	0.06	0.04	37.32	ppb
Molybdenum	95-1	0.07	0.04	0.01	0.04	73.37	ppb
Molybdenum	96-1	0.06	0.04	0.05	0.05	25.52	ppb
Molybdenum	97-1	0.05	0.07	0.03	0.05	41.15	ppb
Molybdenum	98-1	0.06	0.04	0.04	0.04	22.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	-0.02	0.02	171.64	ppb
Phosphorus	31-2	-17.23	-16.15	-29.01	-20.80		ppb
Potassium	39-2	26.55	19.78	19.82	22.05	17.67	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	77-2	-0.27	-0.27	-0.27	-0.27		ppb
Selenium	78-2	0.74	2.04	1.27	1.35	48.47	ppb
Selenium	82-1	0.87	0.28	-0.13	0.34	148.00	ppb
Silicon	28-1	6.18	6.04	5.73	5.98	3.83	ppb
Silver	109-1	0.01	0.00	0.00	0.00	103.79	ppb
Silver	107-1	0.01	0.00	0.00	0.00	260.01	ppb
Sodium	23-2	12.49	14.26	13.14	13.29	6.73	ppb
Strontium	86-1	-0.02	-0.02	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	612.85	443.46	320.73	459.01	31.96	ppb
Terbium	159-1				81		%
Terbium	159-2				82		%
Thallium	203-1	0.03	0.00	0.02	0.02	87.92	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	105.09	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	36.88	ppb
Tin	118-1	0.02	0.01	0.03	0.02	48.32	ppb
Titanium	47-1	0.00	0.02	0.00	0.01	230.74	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				86		%
Yttrium	89-2				85		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:23:16	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.19	0.11	0.05	0.12	61.50	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.02	0.01	-0.01		ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 13:26:52 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90580.56	89157.66	88512.87	89417.03	1.18	ppb
Antimony	121-1	1.10	1.14	1.12	1.12	1.66	ppb
Arsenic	75-1	0.40	0.74	0.51	0.55	31.30	ppb
Barium	135-1	1.45	1.48	1.37	1.43	4.05	ppb
Barium	137-1	1.57	1.65	1.51	1.58	4.51	ppb
Beryllium	9-1	0.31	0.26	0.28	0.28	8.25	ppb
Bismuth	209-1				82		%
Bismuth	209-2				85		%
Boron	10-1	1.47	1.73	1.91	1.71	12.88	ppb
Boron	11-1	1.47	1.36	1.38	1.40	4.07	ppb
Cadmium	111-1	0.54	0.39	0.40	0.44	19.49	ppb
Cadmium	106-1	-1.90	-1.47	-2.80	-2.06		ppb
Cadmium	108-1	14.69	15.49	15.45	15.21	2.96	ppb
Calcium	43-1	94326.82	95090.31	94713.78	94710.31	0.40	ppb
Calcium	44-1	95456.68	96668.41	96330.22	96151.77	0.65	ppb
Chromium	52-2	21.27	21.12	20.92	21.10	0.83	ppb
Cobalt	59-2	1.34	1.29	1.34	1.33	2.10	ppb
Copper	63-2	8.27	8.34	8.24	8.28	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				90		%
Iron	56-2	99689.35	99379.49	98889.65	99319.50	0.41	ppb
Iron	57-2	100168.28	98743.51	98273.83	99061.87	1.00	ppb
Krypton	83-1						cps
Lead	206-1	5.49	5.30	5.43	5.41	1.80	ppb
Lead	207-1	4.88	4.47	4.62	4.65	4.48	ppb
Lead	208-1	5.00	4.87	4.94	4.94	1.34	ppb
Lithium	6-1				87		%
Magnesium	24-2	102214.35	101167.30	100265.55	101215.73	0.96	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:26:52	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.09	7.60	7.81	7.83	3.11	ppb
Molybdenum	94-1	1147.82	1133.68	1142.27	1141.26	0.62	ppb
Molybdenum	95-1	1531.30	1517.52	1543.82	1530.88	0.86	ppb
Molybdenum	96-1	1485.31	1462.41	1492.03	1479.92	1.05	ppb
Molybdenum	97-1	1514.78	1508.33	1532.45	1518.52	0.82	ppb
Molybdenum	98-1	1531.75	1525.35	1528.16	1528.42	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.36	5.69	5.59	5.55	3.06	ppb
Phosphorus	31-2	99378.05	99614.24	98998.59	99330.29	0.31	ppb
Potassium	39-2	100188.95	98946.52	98613.21	99249.56	0.84	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	77-2	-0.27	0.62	-0.27	0.02	2271.24	ppb
Selenium	78-2	0.11	-0.34	-0.06	-0.10		ppb
Selenium	82-1	0.78	0.31	-0.21	0.29	170.52	ppb
Silicon	28-1	28.83	26.44	27.32	27.53	4.38	ppb
Silver	109-1	0.04	0.05	0.06	0.05	19.88	ppb
Silver	107-1	0.06	0.05	0.07	0.06	16.18	ppb
Sodium	23-2	103375.68	101418.30	101231.12	102008.36	1.16	ppb
Strontium	86-1	35.03	34.53	35.50	35.02	1.38	ppb
Strontium	88-1	35.59	35.49	35.46	35.51	0.20	ppb
Sulfur	34-1	116553.57	117944.75	117449.00	117315.77	0.60	ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	0.06	0.03	0.08	0.06	41.83	ppb
Thallium	205-1	0.05	0.08	0.06	0.06	20.31	ppb
Thorium	232-1	0.01	0.00	0.01	0.01	55.58	ppb
Tin	118-1	0.23	0.19	0.27	0.23	16.47	ppb
Titanium	47-1	1533.90	1515.75	1510.09	1519.91	0.82	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	31.13	ppb
Vanadium	51-2	0.23	0.20	0.19	0.21	9.41	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:26:52	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.02	11.53	11.71	11.75	2.11	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	50.76	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	54.60	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:30:30	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89021.38	91548.24	89868.49	90146.04	1.43	ppb
Antimony	121-1	22.04	21.52	21.43	21.66	1.53	ppb
Arsenic	75-1	20.89	20.49	20.12	20.50	1.88	ppb
Barium	135-1	23.41	23.23	22.58	23.07	1.89	ppb
Barium	137-1	23.20	22.63	22.94	22.92	1.24	ppb
Beryllium	9-1	22.05	21.84	21.51	21.80	1.24	ppb
Bismuth	209-1				81		%
Bismuth	209-2				85		%
Boron	10-1	62.29	63.51	60.95	62.25	2.06	ppb
Boron	11-1	58.56	62.21	62.56	61.11	3.62	ppb
Cadmium	111-1	22.01	20.53	21.57	21.37	3.56	ppb
Cadmium	106-1	28.54	30.51	25.60	28.21	8.75	ppb
Cadmium	108-1	38.78	41.98	35.47	38.74	8.40	ppb
Calcium	43-1	95613.75	95554.77	93730.47	94966.33	1.13	ppb
Calcium	44-1	95741.02	97312.09	96913.39	96655.50	0.84	ppb
Chromium	52-2	42.04	43.51	42.65	42.73	1.72	ppb
Cobalt	59-2	22.87	23.64	23.15	23.22	1.68	ppb
Copper	63-2	29.58	30.08	30.07	29.91	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				90		%
Indium	115-1				86		%
Indium	115-2				91		%
Iron	56-2	99177.11	101517.20	100057.18	100250.50	1.18	ppb
Iron	57-2	99591.36	101960.96	99886.19	100479.50	1.29	ppb
Krypton	83-1						cps
Lead	206-1	28.26	27.13	27.47	27.62	2.11	ppb
Lead	207-1	24.98	24.34	24.61	24.64	1.30	ppb
Lead	208-1	26.11	25.55	25.54	25.74	1.27	ppb
Lithium	6-1				85		%
Magnesium	24-2	101816.18	104416.95	102345.15	102859.42	1.34	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:30:30	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.80	30.18	28.04	29.01	3.75	ppb
Molybdenum	94-1	1248.59	1254.51	1240.07	1247.72	0.58	ppb
Molybdenum	95-1	1567.40	1573.10	1562.32	1567.61	0.34	ppb
Molybdenum	96-1	1502.79	1526.05	1521.13	1516.66	0.81	ppb
Molybdenum	97-1	1564.77	1562.86	1579.50	1569.04	0.58	ppb
Molybdenum	98-1	1578.64	1571.22	1567.07	1572.31	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.90	27.01	26.27	26.73	1.48	ppb
Phosphorus	31-2	99566.51	102518.99	101987.76	101357.75	1.55	ppb
Potassium	39-2	99613.01	102433.79	100641.56	100896.12	1.41	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	77-2	10.33	18.28	22.47	17.03	36.19	ppb
Selenium	78-2	24.55	19.16	19.54	21.08	14.27	ppb
Selenium	82-1	19.88	19.31	19.01	19.40	2.28	ppb
Silicon	28-1	79.98	82.82	81.16	81.32	1.76	ppb
Silver	109-1	19.90	19.62	19.84	19.79	0.73	ppb
Silver	107-1	20.00	20.09	19.66	19.92	1.14	ppb
Sodium	23-2	102381.30	105465.20	103286.97	103711.16	1.53	ppb
Strontium	86-1	106.44	104.67	105.49	105.53	0.84	ppb
Strontium	88-1	105.47	105.85	104.73	105.35	0.54	ppb
Sulfur	34-1	115758.01	119346.88	116898.60	117334.50	1.56	ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	21.60	21.20	21.20	21.33	1.08	ppb
Thallium	205-1	21.64	21.70	21.96	21.77	0.78	ppb
Thorium	232-1	0.14	0.13	0.13	0.13	6.29	ppb
Tin	118-1	60.39	57.66	58.36	58.81	2.40	ppb
Titanium	47-1	1565.04	1576.73	1564.05	1568.61	0.45	ppb
Uranium	238-1	61.10	60.75	60.11	60.65	0.83	ppb
Vanadium	51-2	21.14	21.74	21.60	21.49	1.45	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:30:30	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	31.56	31.43	32.86	31.95	2.47	ppb
Zirconium	90-1	59.54	59.05	58.26	58.95	1.09	ppb
Zirconium	91-1	61.49	61.20	61.76	61.48	0.46	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:40:51	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51425.64	51243.96	50933.66	51201.09	0.49	ppb
Antimony	121-1	473.18	471.64	478.14	474.32	0.72	ppb
Arsenic	75-1	512.06	506.02	511.93	510.00	0.68	ppb
Barium	135-1	2388.45	2454.85	2471.78	2438.36	1.81	ppb
Barium	137-1	2433.42	2469.57	2481.89	2461.63	1.02	ppb
Beryllium	9-1	506.92	498.92	505.28	503.71	0.84	ppb
Bismuth	209-1				78		%
Bismuth	209-2				84		%
Boron	10-1	481.94	491.97	489.84	487.92	1.08	ppb
Boron	11-1	478.05	489.84	493.01	486.97	1.62	ppb
Cadmium	111-1	514.96	520.03	527.83	520.94	1.24	ppb
Cadmium	106-1	502.36	511.21	512.81	508.79	1.11	ppb
Cadmium	108-1	508.63	505.53	511.60	508.59	0.60	ppb
Calcium	43-1	236866.17	236487.12	237483.08	236945.46	0.21	ppb
Calcium	44-1	236973.52	235835.46	237500.97	236769.98	0.36	ppb
Chromium	52-2	492.00	488.52	491.68	490.74	0.39	ppb
Cobalt	59-2	489.72	491.08	487.15	489.32	0.41	ppb
Copper	63-2	1077.75	1063.90	1064.83	1068.83	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				91		%
Indium	115-1				84		%
Indium	115-2				90		%
Iron	56-2	119481.04	118153.19	117938.12	118524.12	0.71	ppb
Iron	57-2	120097.97	118589.23	117561.92	118749.71	1.07	ppb
Krypton	83-1						cps
Lead	206-1	496.97	502.60	506.18	501.92	0.92	ppb
Lead	207-1	497.88	500.63	505.65	501.39	0.79	ppb
Lead	208-1	497.89	501.44	504.26	501.20	0.64	ppb
Lithium	6-1				84		%
Magnesium	24-2	243841.77	241221.00	239902.72	241655.16	0.83	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:40:51	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	976.44	975.24	972.53	974.73	0.21	ppb
Molybdenum	94-1	2412.11	2405.39	2412.56	2410.02	0.17	ppb
Molybdenum	95-1	2368.63	2352.14	2357.72	2359.50	0.36	ppb
Molybdenum	96-1	2337.86	2340.94	2355.20	2344.67	0.39	ppb
Molybdenum	97-1	2359.15	2341.55	2340.79	2347.17	0.44	ppb
Molybdenum	98-1	2352.59	2374.83	2379.73	2369.05	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.89	474.76	469.92	473.85	0.75	ppb
Phosphorus	31-2	9596.08	9726.95	9548.85	9623.96	0.96	ppb
Potassium	39-2	123101.77	120346.12	121561.05	121669.65	1.14	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				95		%
Selenium	77-2	498.38	454.46	470.35	474.40	4.69	ppb
Selenium	78-2	503.78	516.90	507.17	509.28	1.34	ppb
Selenium	82-1	483.85	478.79	480.26	480.96	0.54	ppb
Silicon	28-1	552.73	577.73	583.14	571.20	2.84	ppb
Silver	109-1	521.06	525.13	525.88	524.02	0.49	ppb
Silver	107-1	519.64	521.32	525.37	522.11	0.56	ppb
Sodium	23-2	244064.40	241600.72	239515.74	241726.95	0.94	ppb
Strontium	86-1	495.40	489.62	489.96	491.66	0.66	ppb
Strontium	88-1	493.49	497.96	498.45	496.63	0.55	ppb
Sulfur	34-1	8880.00	8867.41	8678.70	8808.70	1.28	ppb
Terbium	159-1				90		%
Terbium	159-2				88		%
Thallium	203-1	503.33	498.54	511.97	504.61	1.35	ppb
Thallium	205-1	509.23	511.33	514.71	511.75	0.54	ppb
Thorium	232-1	506.23	509.81	516.08	510.71	0.98	ppb
Tin	118-1	472.82	469.78	475.17	472.59	0.57	ppb
Titanium	47-1	2318.88	2342.15	2353.43	2338.15	0.75	ppb
Uranium	238-1	508.37	511.98	517.31	512.55	0.88	ppb
Vanadium	51-2	496.36	491.68	497.02	495.02	0.59	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:40:51	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1012.48	1005.03	997.68	1005.06	0.74	ppb
Zirconium	90-1	497.17	501.26	497.93	498.79	0.44	ppb
Zirconium	91-1	499.72	497.67	499.10	498.83	0.21	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P7
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:44:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.83	2.31	1.88	2.34	20.45	ppb
Antimony	121-1	0.32	0.29	0.33	0.31	6.41	ppb
Arsenic	75-1	-0.17	0.11	0.00	-0.02		ppb
Barium	135-1	0.15	0.11	0.06	0.11	44.69	ppb
Barium	137-1	0.20	0.15	0.10	0.15	33.89	ppb
Beryllium	9-1	0.06	0.06	0.05	0.06	14.39	ppb
Bismuth	209-1				77		%
Bismuth	209-2				83		%
Boron	10-1	19.35	19.23	17.04	18.54	7.01	ppb
Boron	11-1	20.60	17.90	15.74	18.08	13.47	ppb
Cadmium	111-1	0.04	0.05	-0.04	0.02	311.82	ppb
Cadmium	106-1	0.41	-0.24	-1.10	-0.31		ppb
Cadmium	108-1	0.10	0.02	0.02	0.04	108.05	ppb
Calcium	43-1	10.74	15.23	8.33	11.43	30.64	ppb
Calcium	44-1	25.63	24.14	21.55	23.77	8.69	ppb
Chromium	52-2	0.04	0.08	0.05	0.06	40.66	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	38.38	ppb
Copper	63-2	0.14	0.15	0.15	0.14	4.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				85		%
Indium	115-1				80		%
Indium	115-2				85		%
Iron	56-2	5.87	5.47	4.85	5.39	9.57	ppb
Iron	57-2	5.61	3.48	2.38	3.83	42.92	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.07	0.08	10.60	ppb
Lead	207-1	0.08	0.08	0.07	0.08	10.41	ppb
Lead	208-1	0.09	0.08	0.08	0.08	11.82	ppb
Lithium	6-1				77		%
Magnesium	24-2	10.46	9.69	7.93	9.36	13.83	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P7
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:44:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.66	-0.66	-0.66	-0.66		ppb
Molybdenum	94-1	0.53	0.50	0.43	0.49	9.85	ppb
Molybdenum	95-1	0.62	0.47	0.40	0.50	22.26	ppb
Molybdenum	96-1	0.53	0.43	0.45	0.47	11.27	ppb
Molybdenum	97-1	0.55	0.52	0.42	0.49	14.01	ppb
Molybdenum	98-1	0.63	0.49	0.48	0.53	15.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	-0.02	0.01	239.81	ppb
Phosphorus	31-2	-47.73	-40.56	-43.04	-43.78		ppb
Potassium	39-2	59.40	56.06	51.57	55.68	7.06	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				81		%
Scandium	45-2				83		%
Selenium	77-2	-0.27	-0.27	-0.27	-0.27		ppb
Selenium	78-2	0.56	1.44	0.83	0.94	48.10	ppb
Selenium	82-1	-0.66	0.24	-0.24	-0.22		ppb
Silicon	28-1	10.80	10.78	8.28	9.95	14.55	ppb
Silver	109-1	0.07	0.08	0.08	0.08	6.01	ppb
Silver	107-1	0.05	0.06	0.03	0.05	26.78	ppb
Sodium	23-2	52.72	50.71	53.35	52.26	2.64	ppb
Strontium	86-1	0.02	0.10	-0.08	0.02	572.22	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	12.26	ppb
Sulfur	34-1	-1466.18	-1338.34	-1557.19	-1453.90		ppb
Terbium	159-1				80		%
Terbium	159-2				83		%
Thallium	203-1	0.16	0.14	0.10	0.14	21.08	ppb
Thallium	205-1	0.20	0.15	0.11	0.15	29.28	ppb
Thorium	232-1	0.19	0.16	0.13	0.16	17.45	ppb
Tin	118-1	0.14	0.15	0.16	0.15	7.17	ppb
Titanium	47-1	0.23	0.21	0.12	0.19	31.26	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	19.06	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	26.05	ppb
Yttrium	89-1				84		%
Yttrium	89-2				85		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P7
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:44:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.22	0.00	0.21	0.14	85.84	ppb
Zirconium	90-1	0.05	0.06	0.08	0.06	17.36	ppb
Zirconium	91-1	0.05	0.06	0.07	0.06	15.15	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:48:08	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.27	16.97	21.10	19.12	10.83	ppb
Antimony	121-1	2.14	1.97	2.03	2.05	4.30	ppb
Arsenic	75-1	1.39	1.18	0.85	1.14	24.13	ppb
Barium	135-1	10.54	9.88	10.49	10.30	3.55	ppb
Barium	137-1	10.22	10.24	10.35	10.27	0.70	ppb
Beryllium	9-1	0.94	1.09	1.15	1.06	9.96	ppb
Bismuth	209-1				79		%
Bismuth	209-2				85		%
Boron	10-1	31.99	34.44	33.64	33.36	3.75	ppb
Boron	11-1	34.22	34.88	34.16	34.42	1.17	ppb
Cadmium	111-1	1.16	0.91	1.04	1.04	12.17	ppb
Cadmium	106-1	2.68	1.14	0.08	1.30	100.25	ppb
Cadmium	108-1	0.95	1.27	1.03	1.08	14.97	ppb
Calcium	43-1	464.02	454.67	489.17	469.29	3.80	ppb
Calcium	44-1	493.53	486.43	479.65	486.53	1.43	ppb
Chromium	52-2	1.98	1.96	2.02	1.99	1.60	ppb
Cobalt	59-2	1.02	0.96	1.09	1.02	6.35	ppb
Copper	63-2	2.15	1.99	2.33	2.16	7.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				85		%
Indium	115-1				83		%
Indium	115-2				89		%
Iron	56-2	51.51	48.51	52.34	50.79	3.96	ppb
Iron	57-2	61.34	56.67	55.32	57.78	5.47	ppb
Krypton	83-1						cps
Lead	206-1	1.07	1.01	1.01	1.03	3.12	ppb
Lead	207-1	0.88	1.03	1.13	1.01	12.65	ppb
Lead	208-1	1.02	1.02	1.01	1.02	0.70	ppb
Lithium	6-1				80		%
Magnesium	24-2	516.84	489.18	513.27	506.43	2.97	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:48:08	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.42	0.30	0.36	0.36	16.91	ppb
Molybdenum	94-1	4.25	4.28	4.14	4.22	1.80	ppb
Molybdenum	95-1	4.08	3.83	3.98	3.96	3.15	ppb
Molybdenum	96-1	4.26	3.94	4.09	4.09	3.94	ppb
Molybdenum	97-1	4.23	3.87	3.88	3.99	5.17	ppb
Molybdenum	98-1	4.06	3.91	4.03	4.00	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.06	1.06	1.06	0.45	ppb
Phosphorus	31-2	38.56	22.72	44.18	35.15	31.66	ppb
Potassium	39-2	517.58	499.01	536.17	517.59	3.59	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				88		%
Selenium	77-2	6.47	7.71	6.34	6.84	11.07	ppb
Selenium	78-2	6.02	4.73	7.12	5.96	20.06	ppb
Selenium	82-1	5.26	4.62	4.67	4.85	7.27	ppb
Silicon	28-1	14.55	14.39	13.73	14.22	3.04	ppb
Silver	109-1	1.09	1.04	0.95	1.03	6.74	ppb
Silver	107-1	1.02	1.07	1.09	1.06	3.63	ppb
Sodium	23-2	534.56	509.66	548.79	531.00	3.73	ppb
Strontium	86-1	1.06	0.87	0.88	0.94	11.23	ppb
Strontium	88-1	0.96	1.03	1.00	1.00	3.65	ppb
Sulfur	34-1	-1185.55	-1087.35	-1259.86	-1177.59		ppb
Terbium	159-1				83		%
Terbium	159-2				84		%
Thallium	203-1	0.95	1.06	1.02	1.01	5.22	ppb
Thallium	205-1	0.99	1.10	1.03	1.04	5.21	ppb
Thorium	232-1	0.91	0.87	0.90	0.89	2.69	ppb
Tin	118-1	5.27	5.07	5.07	5.13	2.22	ppb
Titanium	47-1	4.30	4.01	3.70	4.01	7.42	ppb
Uranium	238-1	0.86	0.89	0.88	0.88	1.63	ppb
Vanadium	51-2	5.23	4.99	5.47	5.23	4.58	ppb
Yttrium	89-1				88		%
Yttrium	89-2				89		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:48:08	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.96	1.76	2.21	1.98	11.61	ppb
Zirconium	90-1	0.99	0.92	1.00	0.97	4.40	ppb
Zirconium	91-1	1.00	0.99	0.91	0.97	5.10	ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : PB121248BL Instrumnet Name : P7
 Client Sample ID : PB121248BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:07:44 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	0.38	0.06	0.24	67.95	ppb
Antimony	121-1	0.03	0.04	0.01	0.03	42.67	ppb
Arsenic	75-1	-0.01	-0.18	-0.22	-0.14		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				93		%
Bismuth	209-2				98		%
Boron	10-1	1.09	0.89	1.57	1.19	29.63	ppb
Boron	11-1	0.99	0.86	1.00	0.95	8.35	ppb
Cadmium	111-1	-0.12	-0.08	0.06	-0.05		ppb
Cadmium	106-1	-1.65	-1.12	0.83	-0.65		ppb
Cadmium	108-1	-0.06	0.00	0.06	0.00		ppb
Calcium	43-1	1.14	1.17	2.40	1.57	45.59	ppb
Calcium	44-1	4.21	4.40	4.76	4.46	6.27	ppb
Chromium	52-2	0.03	0.00	-0.02	0.01	478.26	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.00	0.02	-0.02	0.00		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				107		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	56-2	0.00	-0.06	0.13	0.02	391.54	ppb
Iron	57-2	-0.11	-0.20	1.00	0.23	291.73	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	52.43	ppb
Lead	207-1	-0.01	0.02	0.01	0.01	189.57	ppb
Lead	208-1	0.00	0.01	0.00	0.00	99.23	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.06	-0.33	0.32	0.02	1808.44	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	PB121248BL	Instrumnet Name :	P7
Client Sample ID :	PB121248BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:07:44	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.73	-0.71	-0.73	-0.73		ppb
Molybdenum	94-1	0.02	0.04	0.02	0.03	43.74	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	167.39	ppb
Molybdenum	96-1	0.04	0.02	0.00	0.02	102.25	ppb
Molybdenum	97-1	0.01	0.03	0.01	0.02	47.24	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	37.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.01	0.00		ppb
Phosphorus	31-2	-26.30	-38.47	-27.85	-30.88		ppb
Potassium	39-2	13.24	13.75	14.04	13.68	2.94	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	77-2	-0.27	0.49	-0.27	-0.02		ppb
Selenium	78-2	-0.03	-0.04	0.90	0.28	194.71	ppb
Selenium	82-1	-0.24	0.21	-0.25	-0.09		ppb
Silicon	28-1	-0.91	-0.32	-1.17	-0.80		ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.98	ppb
Silver	107-1	0.02	0.00	0.01	0.01	72.95	ppb
Sodium	23-2	10.87	10.16	10.51	10.51	3.39	ppb
Strontium	86-1	0.04	-0.04	-0.07	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1241.78	-1369.42	-1213.55	-1274.92		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.02	0.01	0.02	43.76	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.94	ppb
Thorium	232-1	0.00	0.01	0.00	0.01	45.48	ppb
Tin	118-1	0.00	0.01	0.01	0.01	46.35	ppb
Titanium	47-1	0.05	0.01	0.04	0.03	66.61	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	PB121248BL	Instrumnet Name :	P7
Client Sample ID :	PB121248BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:07:44	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.03	-0.01	0.01	0.01	182.43	ppb
Zirconium	90-1	0.02	0.02	0.00	0.01	105.81	ppb
Zirconium	91-1	0.00	0.01	0.06	0.02	144.26	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	PB121248BS	Instrumnet Name :	P7
Client Sample ID :	PB121248BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:11:20	DataFile Name :	022DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9419.10	9309.57	9306.65	9345.11	0.69	ppb
Antimony	121-1	492.28	488.55	485.85	488.90	0.66	ppb
Arsenic	75-1	498.85	491.99	493.44	494.76	0.73	ppb
Barium	135-1	2473.35	2474.33	2450.10	2465.92	0.56	ppb
Barium	137-1	2465.05	2463.59	2450.82	2459.82	0.32	ppb
Beryllium	9-1	509.90	513.04	507.98	510.31	0.50	ppb
Bismuth	209-1				93		%
Bismuth	209-2				100		%
Boron	10-1	459.60	471.45	481.97	471.01	2.38	ppb
Boron	11-1	474.31	474.42	486.45	478.39	1.46	ppb
Cadmium	111-1	505.42	498.69	501.36	501.82	0.67	ppb
Cadmium	106-1	510.98	507.20	490.37	502.85	2.18	ppb
Cadmium	108-1	503.27	499.24	476.85	493.12	2.89	ppb
Calcium	43-1	47777.80	47966.41	48127.61	47957.27	0.37	ppb
Calcium	44-1	46806.13	47585.35	47262.49	47217.99	0.83	ppb
Chromium	52-2	496.12	496.33	501.23	497.89	0.58	ppb
Cobalt	59-2	513.31	515.00	510.09	512.80	0.49	ppb
Copper	63-2	1014.84	1029.20	1021.13	1021.72	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				106		%
Iron	56-2	24195.62	23964.23	23914.60	24024.82	0.62	ppb
Iron	57-2	24501.74	24756.45	24743.64	24667.28	0.58	ppb
Krypton	83-1						cps
Lead	206-1	496.08	492.17	491.95	493.40	0.47	ppb
Lead	207-1	487.06	483.03	486.66	485.58	0.46	ppb
Lead	208-1	486.15	483.81	487.81	485.92	0.41	ppb
Lithium	6-1				97		%
Magnesium	24-2	49156.81	48726.01	47969.98	48617.60	1.24	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	PB121248BS	Instrumnet Name :	P7
Client Sample ID :	PB121248BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:11:20	DataFile Name :	022DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	989.21	997.11	996.92	994.41	0.45	ppb
Molybdenum	94-1	2253.80	2291.25	2282.02	2275.69	0.86	ppb
Molybdenum	95-1	2173.27	2222.64	2198.56	2198.16	1.12	ppb
Molybdenum	96-1	2166.73	2212.98	2177.58	2185.76	1.11	ppb
Molybdenum	97-1	2184.05	2207.72	2213.25	2201.67	0.70	ppb
Molybdenum	98-1	2187.84	2219.50	2229.24	2212.19	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.20	501.66	498.52	499.46	0.38	ppb
Phosphorus	31-2	9949.97	10184.35	9858.17	9997.50	1.68	ppb
Potassium	39-2	23860.43	23644.06	23953.12	23819.20	0.67	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	458.77	490.29	517.38	488.81	6.00	ppb
Selenium	78-2	503.41	492.72	501.38	499.17	1.14	ppb
Selenium	82-1	484.02	484.93	483.36	484.10	0.16	ppb
Silicon	28-1	657.72	677.84	690.28	675.28	2.43	ppb
Silver	109-1	509.78	503.66	503.49	505.64	0.71	ppb
Silver	107-1	512.02	515.81	506.67	511.50	0.90	ppb
Sodium	23-2	48713.19	48410.05	48022.92	48382.06	0.72	ppb
Strontium	86-1	482.26	488.05	487.72	486.01	0.67	ppb
Strontium	88-1	489.77	492.80	495.09	492.55	0.54	ppb
Sulfur	34-1	9382.98	8705.21	8413.04	8833.74	5.63	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	494.87	497.49	488.68	493.68	0.92	ppb
Thallium	205-1	496.64	498.04	493.46	496.04	0.47	ppb
Thorium	232-1	471.52	475.14	472.93	473.20	0.39	ppb
Tin	118-1	492.52	486.42	481.87	486.93	1.10	ppb
Titanium	47-1	2195.81	2213.15	2191.52	2200.16	0.52	ppb
Uranium	238-1	470.81	474.90	471.08	472.27	0.48	ppb
Vanadium	51-2	492.84	496.17	497.79	495.60	0.51	ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	PB121248BS	Instrumnet Name :	P7
Client Sample ID :	PB121248BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:11:20	DataFile Name :	022DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	961.29	982.00	979.76	974.35	1.17	ppb
Zirconium	90-1	488.68	491.80	493.73	491.40	0.52	ppb
Zirconium	91-1	487.19	493.86	493.30	491.45	0.75	ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3713-01 Instrumnet Name : P7
 Client Sample ID : 390627045.2-KITCHEN Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:14:57 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.74	296.32	12.59	107.55	152.00	ppb
Antimony	121-1	0.33	0.30	0.37	0.33	10.42	ppb
Arsenic	75-1	0.27	-0.03	0.37	0.21	101.69	ppb
Barium	135-1	0.84	0.97	0.84	0.88	8.26	ppb
Barium	137-1	0.93	0.81	0.86	0.87	6.85	ppb
Beryllium	9-1	0.09	0.10	0.06	0.08	22.40	ppb
Bismuth	209-1				89		%
Bismuth	209-2				19		%
Boron	10-1	3221.62	3307.25	3306.16	3278.34	1.50	ppb
Boron	11-1	3409.75	3549.19	3580.83	3513.26	2.59	ppb
Cadmium	111-1	-0.05	0.00	0.20	0.05	272.04	ppb
Cadmium	106-1	-1.37	-0.70	2.08	0.00	47268.93	ppb
Cadmium	108-1	0.49	0.38	0.26	0.37	30.68	ppb
Calcium	43-1	1668.15	1708.75	1737.65	1704.85	2.05	ppb
Calcium	44-1	1676.19	1695.85	1783.44	1718.49	3.32	ppb
Chromium	52-2	1.24	34.71	0.94	12.30	157.82	ppb
Cobalt	59-2	0.11	1.77	0.03	0.63	154.69	ppb
Copper	63-2	8.65	201.97	8.12	72.91	153.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				22		%
Indium	115-1				99		%
Indium	115-2				21		%
Iron	56-2	35.30	802.28	27.57	288.38	154.33	ppb
Iron	57-2	71.14	1359.15	51.80	494.03	151.67	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.30	0.29	0.30	5.23	ppb
Lead	207-1	0.27	0.25	0.30	0.27	9.12	ppb
Lead	208-1	0.28	0.28	0.28	0.28	1.24	ppb
Lithium	6-1				94		%
Magnesium	24-2	889.14	20038.61	719.62	7215.79	153.90	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3713-01	Instrumnet Name :	P7
Client Sample ID :	390627045.2-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:14:57	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.66	359.21	12.13	129.00	154.55	ppb
Molybdenum	94-1	17.77	18.02	19.31	18.37	4.50	ppb
Molybdenum	95-1	24.13	24.67	24.80	24.53	1.46	ppb
Molybdenum	96-1	23.18	23.61	24.13	23.64	2.03	ppb
Molybdenum	97-1	24.22	23.98	25.12	24.44	2.46	ppb
Molybdenum	98-1	24.18	25.09	25.69	24.99	3.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.54	109.53	4.27	39.78	151.87	ppb
Phosphorus	31-2	10.45	2375.04	85.65	823.71	163.17	ppb
Potassium	39-2	1450.83	33979.02	1172.50	12200.79	154.59	ppb
Rhodium	103-1				98		%
Rhodium	103-2				19		%
Scandium	45-1				104		%
Scandium	45-2				22		%
Selenium	77-2	-0.27	-0.27	-0.27	-0.27		ppb
Selenium	78-2	8.44	537.95	5.63	184.01	166.58	ppb
Selenium	82-1	0.24	0.13	0.54	0.30	69.65	ppb
Silicon	28-1	3690.61	3826.95	3928.39	3815.32	3.13	ppb
Silver	109-1	0.06	0.05	0.06	0.06	8.84	ppb
Silver	107-1	0.08	0.04	0.05	0.06	32.57	ppb
Sodium	23-2	2180797.76	48559016.74	1818734.87	17519516.46	153.44	ppb
Strontium	86-1	73.33	74.86	77.29	75.16	2.66	ppb
Strontium	88-1	74.28	74.39	78.30	75.66	3.02	ppb
Sulfur	34-1	390713.29	405065.33	420463.60	405414.07	3.67	ppb
Terbium	159-1				103		%
Terbium	159-2				21		%
Thallium	203-1	0.07	0.12	0.10	0.10	24.23	ppb
Thallium	205-1	0.14	0.12	0.10	0.12	14.69	ppb
Thorium	232-1	0.16	0.14	0.13	0.14	10.72	ppb
Tin	118-1	0.16	0.16	0.13	0.15	10.91	ppb
Titanium	47-1	0.56	0.41	0.41	0.46	18.55	ppb
Uranium	238-1	1.18	1.26	1.17	1.21	4.16	ppb
Vanadium	51-2	2.01	41.23	1.58	14.94	152.41	ppb
Yttrium	89-1				108		%
Yttrium	89-2				21		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3713-01	Instrumnet Name :	P7
Client Sample ID :	390627045.2-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:14:57	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	114.20	2603.93	93.65	937.26	154.00	ppb
Zirconium	90-1	0.13	0.11	0.09	0.11	19.62	ppb
Zirconium	91-1	0.12	0.12	0.09	0.11	12.84	ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3713-02 Instrumnet Name : P7
 Client Sample ID : 390627045.2-KITCHEN Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:18:35 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.51	3.94	5.06	4.17	19.16	ppb
Antimony	121-1	0.11	0.11	0.09	0.10	11.03	ppb
Arsenic	75-1	0.08	0.18	0.17	0.14	38.22	ppb
Barium	135-1	1.56	1.26	1.17	1.33	15.35	ppb
Barium	137-1	1.38	1.33	1.26	1.32	4.79	ppb
Beryllium	9-1	0.03	0.01	0.04	0.03	55.67	ppb
Bismuth	209-1				76		%
Bismuth	209-2				81		%
Boron	10-1	3541.33	3555.48	3672.53	3589.78	2.01	ppb
Boron	11-1	3805.96	3833.53	3876.73	3838.74	0.93	ppb
Cadmium	111-1	-0.19	-0.13	-0.33	-0.22		ppb
Cadmium	106-1	-2.51	-1.73	-4.17	-2.80		ppb
Cadmium	108-1	0.30	0.73	0.66	0.57	40.48	ppb
Calcium	43-1	2570.55	2532.93	2550.01	2551.16	0.74	ppb
Calcium	44-1	2592.62	2536.89	2581.13	2570.21	1.14	ppb
Chromium	52-2	0.17	0.21	0.14	0.17	21.72	ppb
Cobalt	59-2	0.08	0.08	0.08	0.08	0.72	ppb
Copper	63-2	15.84	16.06	15.87	15.92	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				90		%
Indium	115-1				86		%
Indium	115-2				91		%
Iron	56-2	54.13	54.53	54.58	54.42	0.45	ppb
Iron	57-2	65.50	74.04	61.24	66.93	9.74	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.26	0.35	0.31	15.20	ppb
Lead	207-1	0.26	0.32	0.30	0.29	9.70	ppb
Lead	208-1	0.28	0.31	0.33	0.30	7.36	ppb
Lithium	6-1				84		%
Magnesium	24-2	272.15	279.47	288.32	279.98	2.89	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3713-02	Instrumnet Name :	P7
Client Sample ID :	390627045.2-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:18:35	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.52	7.55	7.37	7.48	1.30	ppb
Molybdenum	94-1	20.87	21.03	21.24	21.05	0.88	ppb
Molybdenum	95-1	28.42	28.18	27.94	28.18	0.87	ppb
Molybdenum	96-1	27.83	27.43	27.20	27.48	1.16	ppb
Molybdenum	97-1	28.44	28.25	28.68	28.46	0.76	ppb
Molybdenum	98-1	28.33	28.00	27.87	28.07	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	2.08	2.12	2.11	1.21	ppb
Phosphorus	31-2	-33.57	-20.74	-29.98	-28.10		ppb
Potassium	39-2	431.49	423.92	427.72	427.71	0.88	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				95		%
Selenium	77-2	-0.27	-0.27	-0.27	-0.27		ppb
Selenium	78-2	1.45	1.34	-0.70	0.70	173.49	ppb
Selenium	82-1	0.10	0.13	-0.10	0.04	303.16	ppb
Silicon	28-1	3989.96	3949.82	4011.94	3983.90	0.79	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.79	ppb
Silver	107-1	0.00	0.03	0.01	0.01	107.42	ppb
Sodium	23-2	555808.98	552632.98	546836.53	551759.50	0.82	ppb
Strontium	86-1	113.38	111.69	114.64	113.24	1.31	ppb
Strontium	88-1	113.40	112.17	112.78	112.78	0.55	ppb
Sulfur	34-1	389322.42	387740.10	392984.65	390015.72	0.69	ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	0.02	0.05	0.03	0.03	35.32	ppb
Thallium	205-1	0.03	0.04	0.02	0.03	21.33	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	0.90	ppb
Tin	118-1	0.11	0.10	0.11	0.11	1.76	ppb
Titanium	47-1	0.39	0.33	0.29	0.34	15.04	ppb
Uranium	238-1	0.33	0.35	0.31	0.33	6.27	ppb
Vanadium	51-2	0.12	0.13	0.11	0.12	8.84	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3713-02	Instrumnet Name :	P7
Client Sample ID :	390627045.2-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:18:35	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	31.42	30.68	29.23	30.44	3.66	ppb
Zirconium	90-1	0.03	0.04	0.03	0.04	20.85	ppb
Zirconium	91-1	0.08	0.06	0.02	0.05	59.91	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2O	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:22:14	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.38	5.17	3.46	4.00	25.31	ppb
Antimony	121-1	0.02	0.03	0.02	0.03	26.71	ppb
Arsenic	75-1	0.12	-0.16	-0.12	-0.06		ppb
Barium	135-1	0.03	0.00	0.04	0.02	83.34	ppb
Barium	137-1	0.03	0.03	0.02	0.03	16.80	ppb
Beryllium	9-1	0.01	0.06	0.01	0.03	110.08	ppb
Bismuth	209-1				78		%
Bismuth	209-2				82		%
Boron	10-1	189.70	176.43	168.95	178.36	5.89	ppb
Boron	11-1	197.36	186.63	173.48	185.82	6.44	ppb
Cadmium	111-1	-0.09	-0.02	-0.12	-0.08		ppb
Cadmium	106-1	-1.16	-0.43	-1.45	-1.02		ppb
Cadmium	108-1	0.01	-0.06	0.17	0.04	304.07	ppb
Calcium	43-1	14.75	11.99	16.78	14.51	16.57	ppb
Calcium	44-1	32.82	28.49	28.69	30.00	8.15	ppb
Chromium	52-2	0.40	0.40	0.38	0.39	2.89	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.16	0.16	0.17	0.16	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				85		%
Indium	115-1				83		%
Indium	115-2				86		%
Iron	56-2	4.00	4.14	3.79	3.98	4.34	ppb
Iron	57-2	6.33	4.27	1.83	4.14	54.39	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.04	0.12	0.08	45.99	ppb
Lead	207-1	0.09	0.06	0.08	0.08	16.61	ppb
Lead	208-1	0.08	0.06	0.08	0.07	18.67	ppb
Lithium	6-1				78		%
Magnesium	24-2	0.87	1.35	0.97	1.06	23.93	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2O	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:22:14	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.65	-0.64	-0.64	-0.64		ppb
Molybdenum	94-1	0.06	0.02	0.05	0.05	40.44	ppb
Molybdenum	95-1	0.06	0.08	0.05	0.06	23.01	ppb
Molybdenum	96-1	0.06	0.08	0.07	0.07	12.85	ppb
Molybdenum	97-1	0.04	0.03	0.07	0.05	35.98	ppb
Molybdenum	98-1	0.07	0.05	0.06	0.06	12.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.10	0.08	0.09	13.03	ppb
Phosphorus	31-2	-28.73	-31.48	-34.16	-31.46		ppb
Potassium	39-2	29.62	29.46	28.12	29.07	2.83	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	77-2	-0.27	0.67	-0.27	0.04	1327.68	ppb
Selenium	78-2	0.47	-0.04	0.25	0.22	113.98	ppb
Selenium	82-1	-0.39	-0.08	-0.47	-0.31		ppb
Silicon	28-1	15.49	14.24	15.34	15.02	4.53	ppb
Silver	109-1	0.02	0.00	0.02	0.01	68.26	ppb
Silver	107-1	0.01	0.03	0.01	0.02	61.73	ppb
Sodium	23-2	175.72	159.56	157.57	164.28	6.06	ppb
Strontium	86-1	0.04	-0.01	0.06	0.03	105.85	ppb
Strontium	88-1	0.07	0.06	0.06	0.06	8.67	ppb
Sulfur	34-1	-2155.88	-2149.75	-2161.27	-2155.63		ppb
Terbium	159-1				83		%
Terbium	159-2				85		%
Thallium	203-1	0.02	0.02	0.03	0.02	36.28	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	35.56	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	24.98	ppb
Tin	118-1	0.09	0.05	0.06	0.07	29.38	ppb
Titanium	47-1	0.12	0.10	0.06	0.09	30.34	ppb
Uranium	238-1	-0.01	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1817.80	ppb
Yttrium	89-1				88		%
Yttrium	89-2				87		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2O	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:22:14	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.22	3.50	3.43	3.38	4.35	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00		ppb
Zirconium	91-1	0.05	0.01	0.00	0.02	138.53	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01DUP	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2ODU	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:25:50	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.49	2.29	3.10	2.63	16.02	ppb
Antimony	121-1	0.00	0.02	0.04	0.02	76.97	ppb
Arsenic	75-1	-0.05	0.02	0.00	-0.01		ppb
Barium	135-1	0.03	0.08	0.04	0.05	54.42	ppb
Barium	137-1	0.01	0.00	0.01	0.01	97.53	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	12.81	ppb
Bismuth	209-1				76		%
Bismuth	209-2				81		%
Boron	10-1	87.18	87.43	86.62	87.07	0.48	ppb
Boron	11-1	92.06	92.44	90.70	91.74	1.00	ppb
Cadmium	111-1	-0.10	-0.10	0.06	-0.05		ppb
Cadmium	106-1	-1.23	-1.47	0.75	-0.65		ppb
Cadmium	108-1	0.01	0.02	-0.06	-0.01		ppb
Calcium	43-1	17.75	23.15	16.81	19.24	17.79	ppb
Calcium	44-1	27.33	27.73	27.88	27.64	1.03	ppb
Chromium	52-2	0.45	0.41	0.41	0.42	4.81	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.21	0.19	0.10	0.17	36.17	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				87		%
Holmium	165-2				84		%
Indium	115-1				81		%
Indium	115-2				86		%
Iron	56-2	2.36	2.44	2.51	2.44	2.91	ppb
Iron	57-2	3.81	2.30	0.85	2.32	63.66	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.08	0.07	0.06	20.76	ppb
Lead	207-1	0.07	0.07	0.05	0.07	22.30	ppb
Lead	208-1	0.07	0.07	0.06	0.06	8.97	ppb
Lithium	6-1				77		%
Magnesium	24-2	0.79	0.89	0.87	0.85	6.17	ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3714-01DUP Instrumnet Name : P7
 Client Sample ID : 390703046.0-D1-H2ODU Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:25:50 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.65	-0.66	-0.69	-0.67		ppb
Molybdenum	94-1	0.04	0.05	0.04	0.05	12.34	ppb
Molybdenum	95-1	0.02	0.04	0.02	0.02	40.31	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.02	24.79	ppb
Molybdenum	97-1	0.02	0.02	0.04	0.02	51.67	ppb
Molybdenum	98-1	0.02	0.03	0.05	0.03	53.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.04	0.04	0.05	53.67	ppb
Phosphorus	31-2	-14.42	-28.08	-26.18	-22.89		ppb
Potassium	39-2	27.56	27.48	26.60	27.22	1.96	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				83		%
Scandium	45-2				86		%
Selenium	77-2	-0.27	-0.27	-0.27	-0.27		ppb
Selenium	78-2	1.51	0.53	1.80	1.28	52.24	ppb
Selenium	82-1	-0.01	0.32	0.30	0.21	89.14	ppb
Silicon	28-1	14.13	15.75	14.79	14.89	5.46	ppb
Silver	109-1	0.01	0.02	0.00	0.01	60.40	ppb
Silver	107-1	0.01	0.01	0.00	0.01	69.90	ppb
Sodium	23-2	92.24	98.59	94.27	95.03	3.41	ppb
Strontium	86-1	0.05	0.06	0.04	0.05	13.75	ppb
Strontium	88-1	0.05	0.04	0.05	0.04	9.24	ppb
Sulfur	34-1	-1779.60	-1776.51	-1746.74	-1767.62		ppb
Terbium	159-1				81		%
Terbium	159-2				82		%
Thallium	203-1	0.01	0.02	0.01	0.01	43.91	ppb
Thallium	205-1	0.00	0.03	0.01	0.01	73.51	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	40.34	ppb
Tin	118-1	0.06	0.09	0.08	0.08	19.85	ppb
Titanium	47-1	0.09	0.09	0.15	0.11	29.28	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.00	-0.01		ppb
Yttrium	89-1				86		%
Yttrium	89-2				86		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01DUP	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2ODU	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:25:50	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.00	3.58	3.18	3.25	9.21	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	315.60	ppb
Zirconium	91-1	0.00	0.02	0.00	0.01	184.95	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01LX5	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-10 14:29:27	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.70	1.09	1.37	1.05	32.25	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	172.34	ppb
Arsenic	75-1	0.05	0.08	-0.38	-0.08		ppb
Barium	135-1	0.03	0.02	0.03	0.02	30.43	ppb
Barium	137-1	0.01	0.00	-0.02	0.00		ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	22.25	ppb
Bismuth	209-1				76		%
Bismuth	209-2				81		%
Boron	10-1	53.67	50.42	49.05	51.05	4.65	ppb
Boron	11-1	54.29	55.10	51.89	53.76	3.11	ppb
Cadmium	111-1	-0.19	-0.09	-0.16	-0.15		ppb
Cadmium	106-1	-2.34	-1.13	-1.99	-1.82		ppb
Cadmium	108-1	-0.06	-0.06	-0.06	-0.06		ppb
Calcium	43-1	11.46	9.30	4.42	8.39	43.01	ppb
Calcium	44-1	20.31	19.89	19.04	19.75	3.29	ppb
Chromium	52-2	0.10	0.07	0.11	0.10	19.83	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.03	0.03	0.07	0.04	52.26	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				88		%
Holmium	165-2				85		%
Indium	115-1				81		%
Indium	115-2				86		%
Iron	56-2	0.84	0.70	0.53	0.69	22.41	ppb
Iron	57-2	1.36	-0.97	2.70	1.03	180.78	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.02	0.02	0.01	84.93	ppb
Lead	207-1	0.02	0.02	0.03	0.02	33.87	ppb
Lead	208-1	0.01	0.02	0.01	0.02	47.04	ppb
Lithium	6-1				78		%
Magnesium	24-2	1.13	0.79	1.34	1.09	25.60	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01LX5	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-10 14:29:27	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.66	-0.68	-0.72	-0.68		ppb
Molybdenum	94-1	0.00	0.02	0.00	0.01	235.49	ppb
Molybdenum	95-1	0.03	0.04	0.01	0.03	65.21	ppb
Molybdenum	96-1	0.01	-0.01	0.01	0.01	202.71	ppb
Molybdenum	97-1	0.01	0.06	0.01	0.03	113.81	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	34.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	-0.01	0.00	0.01	248.84	ppb
Phosphorus	31-2	-25.81	-34.11	-39.02	-32.98		ppb
Potassium	39-2	24.90	26.67	18.91	23.49	17.32	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				84		%
Scandium	45-2				87		%
Selenium	77-2	-0.27	-0.27	-0.27	-0.27		ppb
Selenium	78-2	1.15	1.58	0.44	1.06	54.64	ppb
Selenium	82-1	-0.18	0.16	-0.72	-0.25		ppb
Silicon	28-1	12.11	9.68	8.71	10.17	17.24	ppb
Silver	109-1	0.00	0.00	0.01	0.00	269.51	ppb
Silver	107-1	0.01	0.00	0.01	0.01	81.37	ppb
Sodium	23-2	73.78	70.92	66.52	70.41	5.19	ppb
Strontium	86-1	0.11	0.04	0.00	0.05	116.07	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	46.93	ppb
Sulfur	34-1	-1546.58	-1558.62	-1753.38	-1619.53		ppb
Terbium	159-1				81		%
Terbium	159-2				84		%
Thallium	203-1	0.03	0.00	0.01	0.01	121.98	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.70	ppb
Thorium	232-1	0.01	0.00	0.01	0.01	51.58	ppb
Tin	118-1	0.00	0.03	0.03	0.02	99.92	ppb
Titanium	47-1	0.10	0.10	0.13	0.11	16.84	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				86		%
Yttrium	89-2				87		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01LX5	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-10 14:29:27	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.51	0.68	0.59	0.59	14.41	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.01	-0.02	0.01	-0.01		ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01MS	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OMS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:33:04	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1872.69	1885.44	1847.66	1868.59	1.03	ppb
Antimony	121-1	830.50	816.18	817.89	821.53	0.95	ppb
Arsenic	75-1	797.82	794.80	795.27	795.96	0.20	ppb
Barium	135-1	203.05	196.73	199.54	199.77	1.59	ppb
Barium	137-1	207.46	208.40	205.17	207.01	0.80	ppb
Beryllium	9-1	196.56	197.30	197.61	197.16	0.27	ppb
Bismuth	209-1				80		%
Bismuth	209-2				85		%
Boron	10-1	329.53	336.12	333.44	333.03	1.00	ppb
Boron	11-1	329.78	336.77	343.62	336.72	2.06	ppb
Cadmium	111-1	208.66	207.52	204.57	206.92	1.02	ppb
Cadmium	106-1	162.52	159.68	153.60	158.60	2.87	ppb
Cadmium	108-1	180.34	173.12	168.51	173.99	3.43	ppb
Calcium	43-1	1230.69	1215.11	1214.62	1220.14	0.75	ppb
Calcium	44-1	1146.19	1134.57	1134.37	1138.38	0.59	ppb
Chromium	52-2	409.68	413.01	410.08	410.92	0.44	ppb
Cobalt	59-2	214.41	218.17	214.97	215.85	0.94	ppb
Copper	63-2	315.45	319.71	315.10	316.76	0.81	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				88		%
Indium	115-1				84		%
Indium	115-2				89		%
Iron	56-2	2998.36	2994.13	2933.28	2975.26	1.22	ppb
Iron	57-2	3070.52	3135.81	3051.92	3086.08	1.43	ppb
Krypton	83-1						cps
Lead	206-1	1029.14	1033.37	1038.11	1033.54	0.43	ppb
Lead	207-1	980.27	976.13	971.97	976.12	0.42	ppb
Lead	208-1	1000.93	994.71	1000.69	998.78	0.35	ppb
Lithium	6-1				88		%
Magnesium	24-2	2092.56	2108.63	2071.58	2090.92	0.89	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01MS	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OMS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:33:04	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	202.46	202.81	203.28	202.85	0.20	ppb
Molybdenum	94-1	234.68	233.14	231.43	233.08	0.70	ppb
Molybdenum	95-1	309.76	303.88	305.40	306.35	1.00	ppb
Molybdenum	96-1	298.57	295.68	296.10	296.79	0.53	ppb
Molybdenum	97-1	313.74	312.60	308.28	311.54	0.92	ppb
Molybdenum	98-1	308.65	307.79	308.68	308.38	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.26	532.44	519.81	524.51	1.32	ppb
Phosphorus	31-2	5618.76	6040.38	5918.70	5859.28	3.70	ppb
Potassium	39-2	9815.45	9934.16	9865.91	9871.84	0.60	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				92		%
Selenium	77-2	1995.01	1984.76	2018.74	1999.50	0.87	ppb
Selenium	78-2	2054.75	2076.19	2043.32	2058.08	0.81	ppb
Selenium	82-1	1987.99	1983.36	1985.65	1985.67	0.12	ppb
Silicon	28-1	983.82	1015.60	1045.30	1014.91	3.03	ppb
Silver	109-1	81.03	80.16	80.39	80.53	0.56	ppb
Silver	107-1	81.83	80.79	81.51	81.37	0.65	ppb
Sodium	23-2	3197.79	3212.74	3227.85	3212.79	0.47	ppb
Strontium	86-1	203.51	199.27	200.73	201.17	1.07	ppb
Strontium	88-1	202.04	202.37	201.90	202.10	0.12	ppb
Sulfur	34-1	-2029.14	-2066.98	-2129.83	-2075.32		ppb
Terbium	159-1				87		%
Terbium	159-2				86		%
Thallium	203-1	2023.83	2025.51	2013.47	2020.94	0.32	ppb
Thallium	205-1	2016.09	2045.92	2034.17	2032.06	0.74	ppb
Thorium	232-1	0.02	0.02	0.01	0.02	19.49	ppb
Tin	118-1	733.11	705.28	713.35	717.24	2.00	ppb
Titanium	47-1	156.61	158.02	155.95	156.86	0.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	301.89	303.44	299.95	301.76	0.58	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01MS	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OMS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:33:04	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	206.24	213.33	212.90	210.82	1.89	ppb
Zirconium	90-1	0.13	0.11	0.14	0.13	11.62	ppb
Zirconium	91-1	0.40	0.37	0.32	0.36	10.73	ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3714-01MSD Instrumnet Name : P7
 Client Sample ID : 390703046.0-D1-H2OMS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:36:39 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1934.94	1868.15	1948.36	1917.15	2.24	ppb
Antimony	121-1	840.85	827.44	824.87	831.05	1.03	ppb
Arsenic	75-1	843.74	814.26	845.55	834.52	2.10	ppb
Barium	135-1	211.08	208.29	205.61	208.33	1.31	ppb
Barium	137-1	215.60	213.61	210.87	213.36	1.11	ppb
Beryllium	9-1	207.37	206.91	203.25	205.84	1.10	ppb
Bismuth	209-1				80		%
Bismuth	209-2				85		%
Boron	10-1	338.81	339.49	343.38	340.56	0.72	ppb
Boron	11-1	341.01	345.10	358.76	348.29	2.67	ppb
Cadmium	111-1	220.17	217.65	216.41	218.08	0.88	ppb
Cadmium	106-1	171.31	166.81	168.80	168.97	1.34	ppb
Cadmium	108-1	179.65	181.73	184.93	182.10	1.46	ppb
Calcium	43-1	1225.83	1189.56	1214.65	1210.01	1.53	ppb
Calcium	44-1	1162.22	1121.60	1144.47	1142.76	1.78	ppb
Chromium	52-2	431.59	420.68	427.06	426.44	1.29	ppb
Cobalt	59-2	226.93	222.36	223.27	224.19	1.08	ppb
Copper	63-2	333.37	324.30	326.83	328.17	1.43	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				92		%
Holmium	165-2				87		%
Indium	115-1				84		%
Indium	115-2				89		%
Iron	56-2	3154.23	3055.91	3075.09	3095.08	1.68	ppb
Iron	57-2	3151.08	3125.13	3176.93	3151.04	0.82	ppb
Krypton	83-1						cps
Lead	206-1	1066.55	1063.90	1060.87	1063.77	0.27	ppb
Lead	207-1	1016.32	1001.17	1007.51	1008.33	0.75	ppb
Lead	208-1	1034.27	1030.07	1028.85	1031.06	0.28	ppb
Lithium	6-1				87		%
Magnesium	24-2	2176.89	2151.15	2164.62	2164.22	0.59	ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3714-01MSD Instrumnet Name : P7
 Client Sample ID : 390703046.0-D1-H2OMS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:36:39 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	213.13	207.32	210.99	210.48	1.40	ppb
Molybdenum	94-1	234.75	232.32	232.63	233.23	0.57	ppb
Molybdenum	95-1	308.70	305.78	309.74	308.07	0.67	ppb
Molybdenum	96-1	301.39	296.47	298.65	298.84	0.82	ppb
Molybdenum	97-1	314.13	305.37	308.50	309.33	1.43	ppb
Molybdenum	98-1	309.28	305.28	312.79	309.12	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	552.65	541.14	540.76	544.85	1.24	ppb
Phosphorus	31-2	6304.92	5819.08	6030.06	6051.35	4.03	ppb
Potassium	39-2	10284.35	10013.52	10242.93	10180.27	1.43	ppb
Rhodium	103-1				87		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				92		%
Selenium	77-2	2063.21	2157.14	2107.31	2109.22	2.23	ppb
Selenium	78-2	2143.48	2145.91	2145.98	2145.12	0.07	ppb
Selenium	82-1	2083.72	2058.15	2108.46	2083.44	1.21	ppb
Silicon	28-1	1048.32	1059.52	1096.96	1068.27	2.38	ppb
Silver	109-1	84.34	83.68	82.78	83.60	0.94	ppb
Silver	107-1	83.95	84.38	83.01	83.78	0.84	ppb
Sodium	23-2	3365.23	3277.45	3332.76	3325.14	1.33	ppb
Strontium	86-1	207.66	206.95	205.22	206.61	0.61	ppb
Strontium	88-1	209.06	207.97	209.01	208.68	0.29	ppb
Sulfur	34-1	-1859.43	-2121.23	-2000.55	-1993.74		ppb
Terbium	159-1				85		%
Terbium	159-2				85		%
Thallium	203-1	2093.56	2058.33	2096.71	2082.87	1.02	ppb
Thallium	205-1	2094.39	2076.72	2070.54	2080.55	0.59	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	6.70	ppb
Tin	118-1	730.88	715.34	712.25	719.49	1.39	ppb
Titanium	47-1	161.38	155.76	158.94	158.69	1.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	317.56	309.51	313.75	313.61	1.28	ppb
Yttrium	89-1				90		%
Yttrium	89-2				92		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01MSD	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OMS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:36:39	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	217.55	215.09	217.36	216.67	0.63	ppb
Zirconium	90-1	0.13	0.12	0.08	0.11	23.15	ppb
Zirconium	91-1	0.44	0.34	0.36	0.38	13.40	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:54:09	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51839.00	52142.79	51851.19	51944.33	0.33	ppb
Antimony	121-1	468.76	464.65	463.34	465.58	0.61	ppb
Arsenic	75-1	501.12	500.65	501.73	501.17	0.11	ppb
Barium	135-1	2482.19	2468.38	2458.83	2469.80	0.48	ppb
Barium	137-1	2493.82	2455.11	2472.11	2473.68	0.78	ppb
Beryllium	9-1	503.13	498.59	502.63	501.45	0.50	ppb
Bismuth	209-1				78		%
Bismuth	209-2				83		%
Boron	10-1	492.15	500.86	515.53	502.85	2.35	ppb
Boron	11-1	494.74	507.36	510.73	504.28	1.67	ppb
Cadmium	111-1	516.24	509.09	506.27	510.53	1.01	ppb
Cadmium	106-1	504.06	498.74	486.17	496.32	1.85	ppb
Cadmium	108-1	512.53	500.93	500.89	504.78	1.33	ppb
Calcium	43-1	239149.75	238486.97	240798.78	239478.50	0.50	ppb
Calcium	44-1	233858.89	235705.07	237133.34	235565.77	0.70	ppb
Chromium	52-2	487.95	494.63	494.07	492.22	0.75	ppb
Cobalt	59-2	487.45	496.21	492.64	492.10	0.90	ppb
Copper	63-2	1066.90	1077.26	1080.66	1074.94	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				93		%
Iron	56-2	119706.75	120125.85	119042.85	119625.15	0.46	ppb
Iron	57-2	120367.98	120501.29	119505.45	120124.91	0.45	ppb
Krypton	83-1						cps
Lead	206-1	496.30	491.62	495.64	494.52	0.51	ppb
Lead	207-1	492.96	490.06	490.49	491.17	0.32	ppb
Lead	208-1	497.32	497.86	497.88	497.69	0.06	ppb
Lithium	6-1				85		%
Magnesium	24-2	246207.99	246931.82	244459.95	245866.59	0.52	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:54:09	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	963.91	977.65	977.43	973.00	0.81	ppb
Molybdenum	94-1	2410.64	2426.68	2403.11	2413.48	0.50	ppb
Molybdenum	95-1	2342.87	2387.83	2374.67	2368.46	0.98	ppb
Molybdenum	96-1	2347.36	2373.01	2367.97	2362.78	0.58	ppb
Molybdenum	97-1	2358.09	2368.80	2358.27	2361.72	0.26	ppb
Molybdenum	98-1	2371.97	2381.92	2372.53	2375.47	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.15	478.70	475.64	475.16	0.80	ppb
Phosphorus	31-2	9669.10	9937.51	9876.78	9827.80	1.43	ppb
Potassium	39-2	124200.87	125333.17	123638.17	124390.73	0.69	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				98		%
Selenium	77-2	501.73	504.90	514.63	507.08	1.33	ppb
Selenium	78-2	498.93	508.47	496.52	501.30	1.26	ppb
Selenium	82-1	471.99	475.08	467.15	471.40	0.85	ppb
Silicon	28-1	543.53	571.13	576.81	563.82	3.16	ppb
Silver	109-1	526.79	525.02	523.88	525.23	0.28	ppb
Silver	107-1	533.50	522.26	523.32	526.36	1.18	ppb
Sodium	23-2	249020.22	249673.37	245324.99	248006.19	0.95	ppb
Strontium	86-1	483.46	485.52	483.27	484.08	0.26	ppb
Strontium	88-1	500.32	501.83	498.54	500.23	0.33	ppb
Sulfur	34-1	8446.19	8636.21	8376.52	8486.31	1.58	ppb
Terbium	159-1				91		%
Terbium	159-2				91		%
Thallium	203-1	500.80	493.43	501.04	498.42	0.87	ppb
Thallium	205-1	516.05	517.04	520.81	517.97	0.49	ppb
Thorium	232-1	513.87	511.29	512.74	512.63	0.25	ppb
Tin	118-1	470.68	472.07	472.21	471.65	0.18	ppb
Titanium	47-1	2330.37	2340.50	2366.67	2345.85	0.80	ppb
Uranium	238-1	508.28	503.72	504.70	505.56	0.47	ppb
Vanadium	51-2	492.31	492.11	497.23	493.88	0.59	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:54:09	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	994.29	999.30	1003.19	998.93	0.45	ppb
Zirconium	90-1	495.72	503.52	499.24	499.49	0.78	ppb
Zirconium	91-1	488.43	494.76	489.89	491.03	0.67	ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : CCB83 Instrumnet Name : P7
 Client Sample ID : CCB83 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:57:51 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.61	2.10	2.53	2.08	22.16	ppb
Antimony	121-1	0.32	0.35	0.35	0.34	5.46	ppb
Arsenic	75-1	-0.11	0.04	-0.08	-0.05		ppb
Barium	135-1	0.19	0.08	0.05	0.11	69.47	ppb
Barium	137-1	0.17	0.12	0.06	0.12	46.13	ppb
Beryllium	9-1	0.08	0.05	0.07	0.07	19.68	ppb
Bismuth	209-1				80		%
Bismuth	209-2				81		%
Boron	10-1	26.63	24.45	22.74	24.61	7.93	ppb
Boron	11-1	27.66	24.17	23.34	25.06	9.14	ppb
Cadmium	111-1	-0.03	0.03	-0.21	-0.07		ppb
Cadmium	106-1	-1.19	0.11	-3.07	-1.38		ppb
Cadmium	108-1	0.24	0.01	-0.06	0.06	255.68	ppb
Calcium	43-1	21.47	13.72	6.18	13.79	55.45	ppb
Calcium	44-1	27.97	20.26	19.46	22.56	20.84	ppb
Chromium	52-2	0.01	0.02	0.04	0.02	70.63	ppb
Cobalt	59-2	0.02	0.03	0.01	0.02	43.91	ppb
Copper	63-2	0.09	0.06	0.04	0.06	41.66	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				91		%
Holmium	165-2				84		%
Indium	115-1				85		%
Indium	115-2				87		%
Iron	56-2	4.96	4.84	4.26	4.69	8.02	ppb
Iron	57-2	7.40	4.57	1.52	4.50	65.40	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.05	0.07	22.68	ppb
Lead	207-1	0.07	0.10	0.05	0.07	36.55	ppb
Lead	208-1	0.06	0.07	0.05	0.06	19.19	ppb
Lithium	6-1				82		%
Magnesium	24-2	7.89	8.50	8.40	8.26	3.96	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P7
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:57:51	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.71	-0.70	-0.72	-0.71		ppb
Molybdenum	94-1	0.58	0.46	0.37	0.47	22.59	ppb
Molybdenum	95-1	0.68	0.56	0.51	0.58	15.33	ppb
Molybdenum	96-1	0.72	0.55	0.49	0.59	20.16	ppb
Molybdenum	97-1	0.66	0.50	0.48	0.55	17.85	ppb
Molybdenum	98-1	0.68	0.54	0.47	0.56	19.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.00	0.01	216.39	ppb
Phosphorus	31-2	-17.98	-36.19	-43.58	-32.58		ppb
Potassium	39-2	38.77	49.31	45.84	44.64	12.04	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	77-2	-0.27	0.67	-0.27	0.04	1383.82	ppb
Selenium	78-2	-0.42	1.69	-0.20	0.36	324.92	ppb
Selenium	82-1	-0.10	0.16	-0.07	0.00		ppb
Silicon	28-1	12.12	9.90	9.06	10.36	15.26	ppb
Silver	109-1	0.07	0.04	0.03	0.04	44.14	ppb
Silver	107-1	0.05	0.03	0.04	0.04	28.92	ppb
Sodium	23-2	67.05	67.81	67.74	67.53	0.63	ppb
Strontium	86-1	0.01	0.00	0.05	0.02	133.88	ppb
Strontium	88-1	0.04	0.02	0.02	0.03	35.04	ppb
Sulfur	34-1	-1433.97	-1685.11	-1652.31	-1590.46		ppb
Terbium	159-1				85		%
Terbium	159-2				84		%
Thallium	203-1	0.16	0.13	0.13	0.14	11.12	ppb
Thallium	205-1	0.20	0.15	0.12	0.16	27.63	ppb
Thorium	232-1	0.14	0.13	0.10	0.13	18.60	ppb
Tin	118-1	0.17	0.13	0.13	0.14	15.99	ppb
Titanium	47-1	0.18	0.22	0.13	0.17	25.70	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	42.70	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	23.38	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P7
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:57:51	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	0.07	0.07	0.04	136.39	ppb
Zirconium	90-1	0.06	0.05	0.03	0.05	28.24	ppb
Zirconium	91-1	0.05	0.03	0.06	0.05	27.08	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01A	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:03:52	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1909.49	1919.71	1877.28	1902.16	1.16	ppb
Antimony	121-1	832.50	828.31	861.01	840.60	2.12	ppb
Arsenic	75-1	829.69	824.69	823.65	826.01	0.39	ppb
Barium	135-1	205.28	203.05	207.93	205.42	1.19	ppb
Barium	137-1	211.13	206.44	213.27	210.28	1.66	ppb
Beryllium	9-1	203.89	200.90	205.47	203.42	1.14	ppb
Bismuth	209-1				80		%
Bismuth	209-2				85		%
Boron	10-1	300.06	305.33	317.87	307.75	2.97	ppb
Boron	11-1	302.42	316.16	324.33	314.30	3.52	ppb
Cadmium	111-1	211.84	207.88	219.07	212.93	2.66	ppb
Cadmium	106-1	159.57	153.15	169.72	160.81	5.20	ppb
Cadmium	108-1	181.69	179.64	183.55	181.63	1.08	ppb
Calcium	43-1	1192.64	1172.64	1222.44	1195.90	2.10	ppb
Calcium	44-1	1122.08	1126.90	1136.36	1128.45	0.64	ppb
Chromium	52-2	414.26	426.29	411.49	417.35	1.89	ppb
Cobalt	59-2	218.15	220.85	216.85	218.62	0.93	ppb
Copper	63-2	318.67	323.78	318.10	320.18	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				88		%
Indium	115-1				86		%
Indium	115-2				91		%
Iron	56-2	3027.66	3069.19	3002.00	3032.95	1.12	ppb
Iron	57-2	3101.69	3189.29	3055.65	3115.54	2.18	ppb
Krypton	83-1						cps
Lead	206-1	1046.21	1055.43	1071.47	1057.70	1.21	ppb
Lead	207-1	985.34	997.04	1017.95	1000.11	1.65	ppb
Lead	208-1	1008.28	1016.35	1036.51	1020.38	1.43	ppb
Lithium	6-1				87		%
Magnesium	24-2	2109.14	2130.32	2098.89	2112.78	0.76	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01A	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:03:52	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	204.72	210.09	204.02	206.28	1.61	ppb
Molybdenum	94-1	233.20	232.89	233.54	233.21	0.14	ppb
Molybdenum	95-1	311.36	304.95	312.18	309.50	1.28	ppb
Molybdenum	96-1	300.83	293.30	302.31	298.81	1.62	ppb
Molybdenum	97-1	311.10	308.11	313.11	310.78	0.81	ppb
Molybdenum	98-1	309.95	307.87	311.73	309.85	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.90	539.16	528.41	531.82	1.20	ppb
Phosphorus	31-2	6055.94	5978.07	5831.83	5955.28	1.91	ppb
Potassium	39-2	9959.05	10225.86	9942.08	10042.33	1.58	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				94		%
Selenium	77-2	1975.62	2010.12	2106.22	2030.65	3.33	ppb
Selenium	78-2	2098.27	2106.49	2110.12	2104.96	0.29	ppb
Selenium	82-1	2045.50	2021.52	2041.56	2036.19	0.63	ppb
Silicon	28-1	986.25	1036.76	1070.10	1031.04	4.09	ppb
Silver	109-1	82.48	80.77	84.74	82.66	2.41	ppb
Silver	107-1	83.94	82.29	85.12	83.78	1.70	ppb
Sodium	23-2	3224.41	3292.20	3162.82	3226.48	2.01	ppb
Strontium	86-1	208.01	201.23	203.65	204.30	1.68	ppb
Strontium	88-1	202.91	204.01	207.79	204.91	1.25	ppb
Sulfur	34-1	-1891.58	-2112.06	-2079.35	-2027.66		ppb
Terbium	159-1				86		%
Terbium	159-2				86		%
Thallium	203-1	2056.80	2029.26	2087.80	2057.95	1.42	ppb
Thallium	205-1	2031.97	2049.95	2118.78	2066.90	2.22	ppb
Thorium	232-1	0.05	0.05	0.04	0.05	7.46	ppb
Tin	118-1	719.79	713.17	759.29	730.75	3.41	ppb
Titanium	47-1	158.29	156.60	157.74	157.54	0.55	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	308.09	309.67	305.52	307.76	0.68	ppb
Yttrium	89-1				91		%
Yttrium	89-2				94		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01A	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:03:52	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	208.38	212.62	211.28	210.76	1.03	ppb
Zirconium	90-1	0.21	0.22	0.17	0.20	12.75	ppb
Zirconium	91-1	0.51	0.38	0.46	0.45	15.06	ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3713-01RE Instrumnet Name : P7
 Client Sample ID : 390627045.2-KITCHENR Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 15:07:28 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.04	3.15	3.75	3.64	12.52	ppb
Antimony	121-1	0.21	0.21	0.12	0.18	28.82	ppb
Arsenic	75-1	0.28	0.28	0.35	0.30	13.11	ppb
Barium	135-1	0.62	0.66	0.60	0.63	4.74	ppb
Barium	137-1	0.71	0.66	0.61	0.66	7.62	ppb
Beryllium	9-1	0.04	0.03	0.05	0.04	25.64	ppb
Bismuth	209-1				75		%
Bismuth	209-2				80		%
Boron	10-1	3304.78	3330.18	3431.04	3355.33	1.99	ppb
Boron	11-1	3540.78	3602.57	3716.40	3619.92	2.46	ppb
Cadmium	111-1	0.16	-0.25	0.03	-0.02		ppb
Cadmium	106-1	1.74	-3.22	0.19	-0.43		ppb
Cadmium	108-1	0.45	0.37	0.67	0.50	30.76	ppb
Calcium	43-1	1759.81	1770.48	1774.27	1768.19	0.42	ppb
Calcium	44-1	1816.53	1783.44	1801.69	1800.55	0.92	ppb
Chromium	52-2	0.17	0.15	0.15	0.15	7.29	ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	2.12	2.18	2.34	2.21	5.12	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				96		%
Holmium	165-2				91		%
Indium	115-1				86		%
Indium	115-2				92		%
Iron	56-2	7.61	7.86	7.56	7.68	2.06	ppb
Iron	57-2	15.64	15.82	16.59	16.02	3.16	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.31	0.28	0.32	12.58	ppb
Lead	207-1	0.28	0.31	0.25	0.28	9.07	ppb
Lead	208-1	0.30	0.29	0.28	0.29	3.98	ppb
Lithium	6-1				84		%
Magnesium	24-2	240.05	245.97	240.24	242.09	1.39	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3713-01RE	Instrumnet Name :	P7
Client Sample ID :	390627045.2-KITCHENR	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:07:28	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.53	3.87	3.53	3.64	5.33	ppb
Molybdenum	94-1	19.34	19.93	18.83	19.37	2.82	ppb
Molybdenum	95-1	25.42	24.89	25.04	25.12	1.09	ppb
Molybdenum	96-1	24.77	24.18	24.43	24.46	1.21	ppb
Molybdenum	97-1	24.90	25.20	24.50	24.87	1.40	ppb
Molybdenum	98-1	25.03	25.52	24.90	25.15	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.72	1.32	1.41	19.24	ppb
Phosphorus	31-2	-41.14	-14.36	-34.74	-30.08		ppb
Potassium	39-2	336.68	338.83	342.00	339.17	0.79	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				91		%
Scandium	45-2				96		%
Selenium	77-2	1.47	0.58	-0.27	0.59	147.36	ppb
Selenium	78-2	1.36	1.01	0.71	1.03	31.62	ppb
Selenium	82-1	0.54	0.86	0.91	0.77	25.72	ppb
Silicon	28-1	4085.09	4137.33	4071.02	4097.81	0.85	ppb
Silver	109-1	0.01	0.02	0.02	0.01	57.86	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.05	ppb
Sodium	23-2	598504.20	598505.03	597422.15	598143.79	0.10	ppb
Strontium	86-1	80.30	79.70	80.21	80.07	0.41	ppb
Strontium	88-1	80.22	79.20	78.58	79.33	1.04	ppb
Sulfur	34-1	431156.64	437730.07	437403.73	435430.14	0.85	ppb
Terbium	159-1				88		%
Terbium	159-2				89		%
Thallium	203-1	0.40	0.29	0.30	0.33	18.20	ppb
Thallium	205-1	0.35	0.23	0.26	0.28	23.51	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	20.57	ppb
Tin	118-1	0.19	0.13	0.16	0.16	18.06	ppb
Titanium	47-1	0.33	0.29	0.38	0.33	13.83	ppb
Uranium	238-1	1.26	1.16	1.15	1.19	5.05	ppb
Vanadium	51-2	0.48	0.54	0.55	0.53	7.13	ppb
Yttrium	89-1				93		%
Yttrium	89-2				96		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3713-01RE	Instrumnet Name :	P7
Client Sample ID :	390627045.2-KITCHENR	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:07:28	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	32.98	32.59	32.05	32.54	1.43	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	66.43	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	38.82	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:48:43	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54066.07	52923.41	60122.94	55704.14	6.95	ppb
Antimony	121-1	456.21	455.56	463.00	458.26	0.90	ppb
Arsenic	75-1	487.48	479.17	491.17	485.94	1.26	ppb
Barium	135-1	2467.19	2450.41	2491.06	2469.55	0.83	ppb
Barium	137-1	2476.78	2467.48	2498.57	2480.95	0.64	ppb
Beryllium	9-1	493.46	495.82	502.85	497.38	0.98	ppb
Bismuth	209-1				84		%
Bismuth	209-2				81		%
Boron	10-1	482.96	490.67	495.82	489.82	1.32	ppb
Boron	11-1	489.56	492.05	510.28	497.30	2.27	ppb
Cadmium	111-1	475.04	467.27	478.17	473.49	1.19	ppb
Cadmium	106-1	468.82	469.05	480.76	472.88	1.44	ppb
Cadmium	108-1	464.63	470.76	474.27	469.88	1.04	ppb
Calcium	43-1	237330.73	241642.81	238526.17	239166.57	0.93	ppb
Calcium	44-1	236529.61	239172.98	237553.72	237752.11	0.56	ppb
Chromium	52-2	506.33	500.26	579.40	528.66	8.33	ppb
Cobalt	59-2	507.34	501.63	572.71	527.23	7.49	ppb
Copper	63-2	1031.05	1026.39	1176.39	1077.94	7.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	124704.72	122265.60	139466.16	128812.16	7.23	ppb
Iron	57-2	124667.12	122589.46	140997.33	129417.97	7.79	ppb
Krypton	83-1						cps
Lead	206-1	493.59	495.72	502.00	497.10	0.88	ppb
Lead	207-1	490.48	489.15	500.02	493.22	1.20	ppb
Lead	208-1	496.80	499.65	505.39	500.62	0.87	ppb
Lithium	6-1				94		%
Magnesium	24-2	256951.12	252630.95	285511.85	265031.31	6.74	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:48:43	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1009.04	998.78	1151.55	1053.12	8.11	ppb
Molybdenum	94-1	1856.64	1854.16	1869.54	1860.11	0.44	ppb
Molybdenum	95-1	1639.43	1615.91	1648.54	1634.63	1.03	ppb
Molybdenum	96-1	1655.05	1636.85	1652.35	1648.08	0.60	ppb
Molybdenum	97-1	1610.84	1621.61	1620.85	1617.77	0.37	ppb
Molybdenum	98-1	1636.47	1629.14	1627.90	1631.17	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.10	481.05	555.73	506.63	8.40	ppb
Phosphorus	31-2	9905.60	9787.94	11374.39	10355.98	8.54	ppb
Potassium	39-2	126533.77	125900.89	141692.09	131375.58	6.80	ppb
Rhodium	103-1				91		%
Rhodium	103-2				86		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	445.41	483.44	512.63	480.49	7.02	ppb
Selenium	78-2	505.07	496.90	569.95	523.97	7.64	ppb
Selenium	82-1	453.11	451.59	463.95	456.21	1.48	ppb
Silicon	28-1	569.32	597.67	607.50	591.50	3.35	ppb
Silver	109-1	493.25	492.78	500.81	495.62	0.91	ppb
Silver	107-1	498.74	490.65	501.37	496.92	1.12	ppb
Sodium	23-2	256043.37	252098.59	287173.25	265105.07	7.25	ppb
Strontium	86-1	482.24	481.84	486.16	483.41	0.49	ppb
Strontium	88-1	502.17	499.53	506.97	502.89	0.75	ppb
Sulfur	34-1	8296.05	8376.91	8398.55	8357.17	0.65	ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	498.55	500.70	502.72	500.66	0.42	ppb
Thallium	205-1	528.54	525.54	532.85	528.98	0.69	ppb
Thorium	232-1	518.53	514.45	517.26	516.75	0.40	ppb
Tin	118-1	464.83	462.14	465.73	464.23	0.40	ppb
Titanium	47-1	1534.84	1546.51	1553.81	1545.05	0.62	ppb
Uranium	238-1	519.47	518.03	511.34	516.28	0.84	ppb
Vanadium	51-2	508.62	504.28	576.87	529.93	7.68	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:48:43	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	961.04	965.99	1105.64	1010.89	8.12	ppb
Zirconium	90-1	497.77	502.51	504.41	501.56	0.68	ppb
Zirconium	91-1	490.36	490.20	493.20	491.25	0.34	ppb

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : CCB84 Instrumnet Name : P7
 Client Sample ID : CCB84 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 15:52:26 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.03	4.09	3.28	3.13	33.10	ppb
Antimony	121-1	0.37	0.34	0.35	0.35	5.49	ppb
Arsenic	75-1	0.12	0.13	-0.30	-0.02		ppb
Barium	135-1	0.51	0.32	0.31	0.38	30.47	ppb
Barium	137-1	0.50	0.34	0.28	0.37	30.39	ppb
Beryllium	9-1	0.10	0.14	0.07	0.10	29.83	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	18.98	19.38	18.31	18.89	2.87	ppb
Boron	11-1	20.19	18.80	17.75	18.91	6.47	ppb
Cadmium	111-1	0.05	0.09	0.07	0.07	29.02	ppb
Cadmium	106-1	-0.33	0.40	0.17	0.08	457.58	ppb
Cadmium	108-1	0.13	0.00	0.00	0.04	175.76	ppb
Calcium	43-1	39.70	35.23	27.28	34.07	18.47	ppb
Calcium	44-1	49.18	35.55	29.13	37.95	26.98	ppb
Chromium	52-2	0.07	-0.02	0.02	0.03	166.96	ppb
Cobalt	59-2	0.03	0.04	0.01	0.03	46.95	ppb
Copper	63-2	0.09	0.02	0.04	0.05	61.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	7.94	6.82	5.06	6.61	21.96	ppb
Iron	57-2	10.09	5.87	3.41	6.45	52.39	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.09	0.08	0.10	19.36	ppb
Lead	207-1	0.09	0.09	0.05	0.08	31.33	ppb
Lead	208-1	0.11	0.08	0.06	0.08	25.95	ppb
Lithium	6-1				96		%
Magnesium	24-2	13.85	12.78	9.83	12.15	17.14	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:52:26	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.71	-0.68	-0.71	-0.70		ppb
Molybdenum	94-1	0.50	0.60	0.43	0.51	16.68	ppb
Molybdenum	95-1	0.61	0.65	0.45	0.57	18.46	ppb
Molybdenum	96-1	0.61	0.51	0.45	0.52	15.52	ppb
Molybdenum	97-1	0.73	0.54	0.37	0.54	32.89	ppb
Molybdenum	98-1	0.64	0.51	0.40	0.52	23.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.01	0.02	21.37	ppb
Phosphorus	31-2	-41.22	-28.28	-33.33	-34.28		ppb
Potassium	39-2	23.28	22.41	17.85	21.18	13.76	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	-0.27	0.51	-0.27	-0.01		ppb
Selenium	78-2	0.02	2.57	-0.39	0.73	218.57	ppb
Selenium	82-1	-0.11	0.17	0.24	0.10	187.35	ppb
Silicon	28-1	4.63	2.74	2.54	3.30	34.94	ppb
Silver	109-1	0.10	0.06	0.07	0.08	26.55	ppb
Silver	107-1	0.11	0.08	0.04	0.08	44.03	ppb
Sodium	23-2	61.07	59.78	55.10	58.65	5.36	ppb
Strontium	86-1	0.10	0.03	0.04	0.06	65.51	ppb
Strontium	88-1	0.11	0.07	0.07	0.08	28.58	ppb
Sulfur	34-1	-2556.01	-2662.06	-2593.15	-2603.74		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.18	0.15	0.16	0.16	10.17	ppb
Thallium	205-1	0.15	0.14	0.11	0.14	15.91	ppb
Thorium	232-1	0.17	0.14	0.14	0.15	11.40	ppb
Tin	118-1	0.22	0.17	0.14	0.18	22.50	ppb
Titanium	47-1	0.38	0.30	0.19	0.29	32.29	ppb
Uranium	238-1	0.08	0.07	0.05	0.07	25.44	ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	61.91	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:52:26	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.10	0.02	0.04	0.05	67.07	ppb
Zirconium	90-1	0.12	0.08	0.06	0.09	30.26	ppb
Zirconium	91-1	0.11	0.05	0.05	0.07	48.50	ppb

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:07:59	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	8	11	114.58	cps
Antimony	121-1	67	25	0	31	110.22	cps
Arsenic	75-1	289	177	409	292	39.72	cps
Barium	135-1	8	8	8	8	0.00	cps
Barium	137-1	42	8	17	22	78.07	cps
Beryllium	9-1	23	40	37	33	26.47	cps
Bismuth	209-1	2027993	2036881	2016982	2027285	0.49	cps
Bismuth	209-2	1276450	1278497	1293430	1282793	0.72	cps
Boron	10-1	617	533	608	586	7.83	cps
Boron	11-1	3234	2800	2884	2973	7.74	cps
Cadmium	111-1	1001	816	1001	939	11.35	cps
Cadmium	106-1	1417	1158	1433	1336	11.54	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	58	75	83	72	17.62	cps
Calcium	44-1	8319	7969	8761	8350	4.75	cps
Chromium	52-2	503	500	477	493	2.95	cps
Cobalt	59-2	37	50	17	34	48.70	cps
Copper	63-2	286	363	296	315	13.28	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	47	53	60	53	12.50	cps
Holmium	165-1	3309117	3294246	3310786	3304716	0.28	cps
Holmium	165-2	1844331	1836650	1842219	1841067	0.22	cps
Indium	115-1	2599021	2614887	2606913	2606941	0.30	cps
Indium	115-2	556906	566084	567502	563498	1.02	cps
Iron	56-2	2789	2617	2528	2645	5.02	cps
Iron	57-2	150	156	161	156	3.57	cps
Krypton	83-1	157	107	143	136	19.10	cps
Lead	206-1	72	117	94	94	23.53	cps
Lead	207-1	89	61	72	74	18.88	cps
Lead	208-1	361	389	389	380	4.22	cps
Lithium	6-1	2266130	2258577	2224509	2249738	0.99	cps
Magnesium	24-2	83	42	50	58	37.80	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:07:59	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	680	767	637	694	9.53	cps
Molybdenum	94-1	67	117	133	106	32.87	cps
Molybdenum	95-1	8	17	67	31	103.26	cps
Molybdenum	96-1	50	50	25	42	34.64	cps
Molybdenum	97-1	33	17	25	25	33.32	cps
Molybdenum	98-1	42	17	50	36	48.03	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	37	10	28	55.43	cps
Phosphorus	31-2	125	125	92	114	16.90	cps
Potassium	39-2	13065	13465	13632	13387	2.18	cps
Rhodium	103-1	2781340	2734655	2768792	2761596	0.87	cps
Rhodium	103-2	1315754	1333782	1350162	1333233	1.29	cps
Scandium	45-1	3348503	3341392	3395627	3361841	0.88	cps
Scandium	45-2	156847	160330	157688	158288	1.15	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	26	50	28	35	38.75	cps
Selenium	82-1	-20	54	25	20	188.81	cps
Silicon	28-1	169921	166373	166574	167623	1.19	cps
Silver	109-1	25	17	17	19	24.73	cps
Silver	107-1	17	42	50	36	48.03	cps
Sodium	23-2	7627	7410	7936	7658	3.45	cps
Strontium	86-1	217	308	175	233	29.23	cps
Strontium	88-1	58	42	33	44	28.65	cps
Sulfur	34-1	324999	316547	320134	320560	1.32	cps
Terbium	159-1	3634117	3606740	3669657	3636838	0.87	cps
Terbium	159-2	1903491	1898529	1904973	1902331	0.18	cps
Thallium	203-1	17	8	8	11	43.34	cps
Thallium	205-1	67	17	17	33	86.59	cps
Thorium	232-1	28	17	39	28	39.99	cps
Tin	118-1	75	83	142	100	36.32	cps
Titanium	47-1	42	92	50	61	43.83	cps
Uranium	238-1	75	67	75	72	6.66	cps
Vanadium	51-2	17	13	0	10	88.20	cps
Yttrium	89-1	3596715	3596353	3610773	3601280	0.23	cps
Yttrium	89-2	549093	553610	553694	552132	0.48	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:07:59	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	73	60	103	79	28.14	cps
Zirconium	90-1	267	383	267	306	22.04	cps
Zirconium	91-1	75	50	67	64	19.92	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:15:51	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1433	1375	1200	1336	9.09	cps
Antimony	121-1	5218	5385	5560	5387	3.17	cps
Arsenic	75-1	1186	1090	1084	1120	5.09	cps
Barium	135-1	7836	7936	7077	7616	6.17	cps
Barium	137-1	12731	12940	13032	12901	1.19	cps
Beryllium	9-1	1810	1787	1900	1832	3.27	cps
Bismuth	209-1	1923930	1926280	1940048	1930086	0.45	cps
Bismuth	209-2	1261126	1297418	1282944	1280496	1.43	cps
Boron	10-1	8311	8078	8419	8269	2.11	cps
Boron	11-1	38082	37489	37230	37601	1.16	cps
Cadmium	111-1	1818	1897	1801	1838	2.79	cps
Cadmium	106-1	1458	1550	1408	1472	4.88	cps
Cadmium	108-1	58	67	63	63	6.67	cps
Calcium	43-1	9278	9178	8920	9125	2.03	cps
Calcium	44-1	155694	156412	154991	155699	0.46	cps
Chromium	52-2	3714	3887	3837	3813	2.34	cps
Cobalt	59-2	2177	2270	2287	2245	2.64	cps
Copper	63-2	3029	2839	2854	2907	3.64	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	0	8	8	6	86.60	cps
Gadolinium	160-2	73	57	70	67	13.22	cps
Holmium	165-1	3351125	3348203	3335812	3345047	0.24	cps
Holmium	165-2	1773410	1791346	1762866	1775874	0.81	cps
Indium	115-1	2810404	2790203	2806794	2802467	0.38	cps
Indium	115-2	552989	566672	562309	560656	1.25	cps
Iron	56-2	66528	68794	66908	67410	1.80	cps
Iron	57-2	1900	1778	1733	1804	4.79	cps
Krypton	83-1	100	143	133	126	18.07	cps
Lead	206-1	2078	2106	2111	2098	0.85	cps
Lead	207-1	1850	2150	1989	1997	7.52	cps
Lead	208-1	8385	8818	8457	8553	2.71	cps
Lithium	6-1	2230918	2216834	2219802	2222518	0.33	cps
Magnesium	24-2	82226	84027	84296	83516	1.35	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:15:51	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1400	1533	1503	1479	4.73	cps
Molybdenum	94-1	8044	8078	7903	8008	1.16	cps
Molybdenum	95-1	10296	9595	10037	9976	3.55	cps
Molybdenum	96-1	11539	11222	10830	11197	3.17	cps
Molybdenum	97-1	6368	6110	6035	6171	2.84	cps
Molybdenum	98-1	15000	15492	15501	15331	1.87	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	543	583	563	563	3.55	cps
Phosphorus	31-2	358	433	333	375	13.88	cps
Potassium	39-2	82262	84784	84004	83683	1.54	cps
Rhodium	103-1	2786236	2770226	2803780	2786747	0.60	cps
Rhodium	103-2	1320788	1340206	1335328	1332108	0.76	cps
Scandium	45-1	3419023	3358401	3390361	3389262	0.89	cps
Scandium	45-2	154455	157521	156453	156143	1.00	cps
Selenium	77-2	17	23	23	21	18.21	cps
Selenium	78-2	72	102	85	86	17.19	cps
Selenium	82-1	430	423	404	419	3.23	cps
Silicon	28-1	209926	208145	207223	208431	0.66	cps
Silver	109-1	3392	3951	3567	3637	7.85	cps
Silver	107-1	3776	3867	3592	3745	3.74	cps
Sodium	23-2	166809	170650	168511	168657	1.14	cps
Strontium	86-1	1483	1458	1400	1447	2.95	cps
Strontium	88-1	10237	10229	10638	10368	2.25	cps
Sulfur	34-1	315158	318793	310576	314842	1.31	cps
Terbium	159-1	3537349	3513709	3532449	3527836	0.35	cps
Terbium	159-2	1800587	1833317	1800447	1811451	1.05	cps
Thallium	203-1	2592	2675	2400	2556	5.52	cps
Thallium	205-1	6394	5910	6118	6141	3.95	cps
Thorium	232-1	9476	9537	9404	9472	0.70	cps
Tin	118-1	12673	12381	12406	12487	1.30	cps
Titanium	47-1	4209	4151	4376	4245	2.75	cps
Uranium	238-1	10346	9988	9654	9996	3.46	cps
Vanadium	51-2	6952	7339	7139	7143	2.71	cps
Yttrium	89-1	3724122	3715641	3705035	3714933	0.26	cps
Yttrium	89-2	541523	554732	552249	549502	1.28	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:15:51	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	473	447	493	471	4.97	cps
Zirconium	90-1	6702	6644	6844	6730	1.53	cps
Zirconium	91-1	1492	1458	1475	1475	1.13	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:19:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65762	66715	64523	65667	1.67	cps
Antimony	121-1	145009	147147	143443	145200	1.28	cps
Arsenic	75-1	46528	48362	45968	46953	2.67	cps
Barium	135-1	195684	194859	195494	195346	0.22	cps
Barium	137-1	338615	340632	335008	338085	0.84	cps
Beryllium	9-1	95635	93398	93851	94295	1.25	cps
Bismuth	209-1	1947596	1949907	1926173	1941225	0.67	cps
Bismuth	209-2	1305821	1305632	1285045	1298833	0.92	cps
Boron	10-1	16960	16943	16393	16765	1.92	cps
Boron	11-1	75799	73454	74727	74660	1.57	cps
Cadmium	111-1	42464	42978	43172	42871	0.85	cps
Cadmium	106-1	6118	6193	6427	6246	2.58	cps
Cadmium	108-1	3563	3513	3396	3491	2.45	cps
Calcium	43-1	97789	99206	95952	97649	1.67	cps
Calcium	44-1	1526512	1517588	1494555	1512885	1.09	cps
Chromium	52-2	81443	81943	79892	81093	1.32	cps
Cobalt	59-2	107577	107762	105550	106963	1.15	cps
Copper	63-2	131902	130372	129024	130433	1.10	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	70	63	57	63	10.52	cps
Holmium	165-1	3378961	3440078	3384047	3401029	1.00	cps
Holmium	165-2	1798548	1786925	1769181	1784885	0.83	cps
Indium	115-1	2788808	2804189	2763456	2785484	0.74	cps
Indium	115-2	566248	570078	565772	567366	0.42	cps
Iron	56-2	3169112	3144965	3076921	3130333	1.53	cps
Iron	57-2	76024	75505	72713	74747	2.38	cps
Krypton	83-1	147	143	83	124	28.64	cps
Lead	206-1	113244	113279	111425	112650	0.94	cps
Lead	207-1	100023	103685	102291	102000	1.81	cps
Lead	208-1	457722	458208	451938	455956	0.76	cps
Lithium	6-1	2216020	2233853	2191078	2213650	0.97	cps
Magnesium	24-2	818159	802881	794343	805127	1.50	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:19:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93864	93907	90704	92825	1.98	cps
Molybdenum	94-1	484404	477484	477337	479742	0.84	cps
Molybdenum	95-1	635906	626699	627494	630033	0.81	cps
Molybdenum	96-1	694861	688554	687555	690323	0.57	cps
Molybdenum	97-1	390034	395594	385768	390466	1.26	cps
Molybdenum	98-1	998635	1006443	983662	996246	1.16	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	26801	27159	26688	26883	0.91	cps
Phosphorus	31-2	4076	4167	3967	4070	2.46	cps
Potassium	39-2	374729	371849	365190	370589	1.32	cps
Rhodium	103-1	2758247	2791512	2745307	2765022	0.86	cps
Rhodium	103-2	1334482	1330000	1323582	1329354	0.41	cps
Scandium	45-1	3363983	3371215	3322584	3352594	0.78	cps
Scandium	45-2	155817	154718	155395	155310	0.36	cps
Selenium	77-2	177	180	193	183	4.81	cps
Selenium	78-2	661	828	706	732	11.80	cps
Selenium	82-1	4187	4103	4127	4139	1.05	cps
Silicon	28-1	412229	414392	413363	413328	0.26	cps
Silver	109-1	187883	190365	187881	188710	0.76	cps
Silver	107-1	198734	197317	199087	198379	0.47	cps
Sodium	23-2	1605869	1587052	1565017	1585979	1.29	cps
Strontium	86-1	64738	65006	63131	64292	1.58	cps
Strontium	88-1	537088	540697	537280	538355	0.38	cps
Sulfur	34-1	347730	349427	351589	349582	0.55	cps
Terbium	159-1	3585307	3598450	3597655	3593804	0.21	cps
Terbium	159-2	1837255	1827354	1807489	1824032	0.83	cps
Thallium	203-1	133464	134727	131965	133385	1.04	cps
Thallium	205-1	317070	321436	320899	319802	0.74	cps
Thorium	232-1	518040	515434	509676	514383	0.83	cps
Tin	118-1	127062	124096	122549	124569	1.84	cps
Titanium	47-1	273039	272382	268840	271420	0.83	cps
Uranium	238-1	519114	513051	511273	514480	0.80	cps
Vanadium	51-2	69208	68528	68612	68783	0.54	cps
Yttrium	89-1	3677452	3708135	3659175	3681588	0.67	cps
Yttrium	89-2	553562	554222	546903	551563	0.73	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:19:57	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20398	21189	20184	20590	2.57	cps
Zirconium	90-1	346368	340891	339600	342286	1.05	cps
Zirconium	91-1	77251	76446	74762	76153	1.67	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:24:18	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158095	160090	155138	157774	1.58	cps
Antimony	121-1	365651	370805	367270	367909	0.72	cps
Arsenic	75-1	115639	117490	115018	116049	1.11	cps
Barium	135-1	488242	488394	489942	488859	0.19	cps
Barium	137-1	832425	851641	842162	842076	1.14	cps
Beryllium	9-1	228370	227362	225747	227160	0.58	cps
Bismuth	209-1	1922456	1913194	1919797	1918482	0.25	cps
Bismuth	209-2	1284889	1290249	1296008	1290382	0.43	cps
Boron	10-1	39578	39486	39144	39402	0.58	cps
Boron	11-1	177473	180136	177845	178485	0.81	cps
Cadmium	111-1	105327	105634	105661	105541	0.18	cps
Cadmium	106-1	13540	13932	13765	13746	1.43	cps
Cadmium	108-1	8624	8132	8203	8319	3.20	cps
Calcium	43-1	235839	237860	236037	236579	0.47	cps
Calcium	44-1	3689910	3645366	3609981	3648419	1.10	cps
Chromium	52-2	194792	193596	195011	194466	0.39	cps
Cobalt	59-2	255904	256008	259191	257034	0.73	cps
Copper	63-2	314101	314105	314760	314322	0.12	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	8	0	42	17	132.30	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	50	40	53	48	14.52	cps
Holmium	165-1	3333955	3324678	3311331	3323321	0.34	cps
Holmium	165-2	1773898	1771418	1768713	1771343	0.15	cps
Indium	115-1	2692630	2709345	2696543	2699506	0.32	cps
Indium	115-2	549160	552415	554404	551993	0.48	cps
Iron	56-2	7565991	7472967	7513621	7517526	0.62	cps
Iron	57-2	181538	180002	182014	181184	0.58	cps
Krypton	83-1	123	167	167	152	16.43	cps
Lead	206-1	282268	283665	285329	283754	0.54	cps
Lead	207-1	256599	258198	256527	257108	0.37	cps
Lead	208-1	1144473	1152633	1148474	1148527	0.36	cps
Lithium	6-1	2235060	2228784	2133354	2199066	2.59	cps
Magnesium	24-2	1860234	1867559	1841909	1856567	0.71	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:24:18	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	221153	222709	222909	222257	0.43	cps
Molybdenum	94-1	1178315	1184022	1171077	1177805	0.55	cps
Molybdenum	95-1	1541963	1556066	1525406	1541145	1.00	cps
Molybdenum	96-1	1678548	1685417	1676710	1680225	0.27	cps
Molybdenum	97-1	968772	972104	958845	966574	0.71	cps
Molybdenum	98-1	2399793	2400636	2390373	2396934	0.24	cps
Neodymium	150-1	40	27	47	38	26.95	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	64973	65827	65572	65457	0.67	cps
Phosphorus	31-2	9812	9462	9345	9540	2.55	cps
Potassium	39-2	855925	853291	853612	854276	0.17	cps
Rhodium	103-1	2686689	2702774	2648268	2679244	1.05	cps
Rhodium	103-2	1282380	1290374	1297871	1290208	0.60	cps
Scandium	45-1	3307400	3279884	3259967	3282417	0.73	cps
Scandium	45-2	146627	146829	147932	147130	0.48	cps
Selenium	77-2	480	537	447	488	9.33	cps
Selenium	78-2	1648	1646	1635	1643	0.43	cps
Selenium	82-1	10238	10226	10311	10259	0.45	cps
Silicon	28-1	753636	751245	750076	751653	0.24	cps
Silver	109-1	466933	468260	464996	466730	0.35	cps
Silver	107-1	484612	489449	484798	486287	0.56	cps
Sodium	23-2	3716738	3712661	3665133	3698177	0.78	cps
Strontium	86-1	156158	158356	155189	156568	1.04	cps
Strontium	88-1	1320825	1314405	1306496	1313909	0.55	cps
Sulfur	34-1	396200	393666	385157	391674	1.48	cps
Terbium	159-1	3587120	3545150	3551106	3561126	0.64	cps
Terbium	159-2	1809836	1801452	1815129	1808805	0.38	cps
Thallium	203-1	335445	339510	333155	336036	0.96	cps
Thallium	205-1	806787	810780	812491	810019	0.36	cps
Thorium	232-1	1301021	1305549	1303809	1303460	0.18	cps
Tin	118-1	312010	308253	311260	310508	0.64	cps
Titanium	47-1	659565	663155	652284	658335	0.84	cps
Uranium	238-1	1295439	1293096	1310104	1299546	0.71	cps
Vanadium	51-2	163323	163754	165603	164227	0.74	cps
Yttrium	89-1	3596679	3619266	3636659	3617535	0.55	cps
Yttrium	89-2	532516	537575	538644	536245	0.61	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:24:18	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	49634	50113	50698	50148	1.06	cps
Zirconium	90-1	838516	839905	833007	837143	0.44	cps
Zirconium	91-1	189910	190503	188893	189768	0.43	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:28:22	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	272156	277759	280992	276969	1.61	cps
Antimony	121-1	655231	662906	677361	665166	1.69	cps
Arsenic	75-1	201296	205622	206890	204603	1.43	cps
Barium	135-1	869352	871831	887291	876158	1.11	cps
Barium	137-1	1481167	1486573	1523685	1497142	1.55	cps
Beryllium	9-1	384684	396084	399526	393431	1.97	cps
Bismuth	209-1	1739621	1736064	1746563	1740750	0.31	cps
Bismuth	209-2	1158098	1163873	1194339	1172103	1.66	cps
Boron	10-1	67770	71319	74408	71166	4.67	cps
Boron	11-1	310824	322407	327658	320297	2.69	cps
Cadmium	111-1	183825	186276	187217	185773	0.94	cps
Cadmium	106-1	23095	22994	22510	22866	1.37	cps
Cadmium	108-1	14574	15188	15271	15011	2.53	cps
Calcium	43-1	405663	418862	422503	415676	2.13	cps
Calcium	44-1	6325932	6401507	6495193	6407544	1.32	cps
Chromium	52-2	340788	346584	354206	347193	1.94	cps
Cobalt	59-2	454607	458474	468848	460643	1.60	cps
Copper	63-2	553662	561507	567684	560951	1.25	cps
Dysprosium	156-1	25	58	50	44	39.04	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	42	50	17	36	48.03	cps
Gadolinium	160-2	83	63	67	71	15.07	cps
Holmium	165-1	2996698	3011258	3045502	3017819	0.83	cps
Holmium	165-2	1634106	1623694	1635248	1631016	0.39	cps
Indium	115-1	2169687	2206191	2231979	2202619	1.42	cps
Indium	115-2	490185	490892	505997	495691	1.80	cps
Iron	56-2	13408118	13460534	13605729	13491460	0.76	cps
Iron	57-2	320113	320650	325973	322245	1.01	cps
Krypton	83-1	113	140	120	124	11.15	cps
Lead	206-1	492672	511751	524682	509702	3.16	cps
Lead	207-1	451568	460120	470231	460640	2.03	cps
Lead	208-1	2051403	2062019	2121177	2078200	1.81	cps
Lithium	6-1	1951557	1979353	2000958	1977289	1.25	cps
Magnesium	24-2	3311658	3334725	3364797	3337060	0.80	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:28:22	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	386006	394087	399901	393331	1.77	cps
Molybdenum	94-1	2001676	2042222	2059627	2034508	1.46	cps
Molybdenum	95-1	2651515	2702027	2704857	2686133	1.12	cps
Molybdenum	96-1	2873197	2931168	2979122	2927829	1.81	cps
Molybdenum	97-1	1580389	1627351	1646415	1618052	2.10	cps
Molybdenum	98-1	4115404	4184751	4244730	4181628	1.55	cps
Neodymium	150-1	53	73	60	62	16.37	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	115040	114503	117311	115618	1.29	cps
Phosphorus	31-2	17119	17136	17311	17188	0.62	cps
Potassium	39-2	1476332	1495377	1518067	1496592	1.40	cps
Rhodium	103-1	2343751	2356030	2428481	2376087	1.93	cps
Rhodium	103-2	1155132	1150524	1176168	1160608	1.18	cps
Scandium	45-1	2839643	2897430	2950367	2895814	1.91	cps
Scandium	45-2	131457	133660	136838	133985	2.02	cps
Selenium	77-2	793	917	873	861	7.27	cps
Selenium	78-2	2941	2804	2932	2892	2.65	cps
Selenium	82-1	17898	18528	18392	18272	1.81	cps
Silicon	28-1	1163022	1193075	1205849	1187315	1.85	cps
Silver	109-1	813487	833111	828985	825194	1.25	cps
Silver	107-1	847610	862247	872054	860637	1.43	cps
Sodium	23-2	6597378	6652924	6687684	6645996	0.69	cps
Strontium	86-1	276095	283643	281548	280429	1.39	cps
Strontium	88-1	2272200	2329785	2325071	2309019	1.38	cps
Sulfur	34-1	415041	416303	415988	415777	0.16	cps
Terbium	159-1	3201909	3204353	3268541	3224934	1.17	cps
Terbium	159-2	1647350	1624514	1668189	1646684	1.33	cps
Thallium	203-1	595704	614824	623412	611313	2.32	cps
Thallium	205-1	1424492	1463262	1482160	1456638	2.02	cps
Thorium	232-1	2290595	2341544	2366297	2332812	1.65	cps
Tin	118-1	551934	558282	559968	556728	0.76	cps
Titanium	47-1	1118514	1128093	1139464	1128690	0.93	cps
Uranium	238-1	2269788	2320922	2369191	2319967	2.14	cps
Vanadium	51-2	291439	293341	301282	295354	1.77	cps
Yttrium	89-1	3190867	3248108	3264154	3234376	1.19	cps
Yttrium	89-2	483202	480555	491090	484949	1.13	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:28:22	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	88643	88975	91333	89651	1.64	cps
Zirconium	90-1	1464611	1487314	1504907	1485611	1.36	cps
Zirconium	91-1	340140	340510	343010	341220	0.46	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 12:32:21 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	562715	550415	559293	557474	1.14	cps
Antimony	121-1	1355959	1361163	1350499	1355874	0.39	cps
Arsenic	75-1	415509	415274	415291	415358	0.03	cps
Barium	135-1	1792179	1791644	1793425	1792416	0.05	cps
Barium	137-1	3096650	3105913	3064733	3089098	0.70	cps
Beryllium	9-1	780534	794270	780630	785145	1.01	cps
Bismuth	209-1	1763364	1762102	1773705	1766391	0.36	cps
Bismuth	209-2	1162362	1155060	1148965	1155462	0.58	cps
Boron	10-1	140348	145142	143280	142923	1.69	cps
Boron	11-1	627011	637908	644273	636397	1.37	cps
Cadmium	111-1	373947	375415	375392	374918	0.22	cps
Cadmium	106-1	43769	44696	44496	44320	1.10	cps
Cadmium	108-1	30508	30149	30020	30225	0.84	cps
Calcium	43-1	861854	854304	859605	858588	0.45	cps
Calcium	44-1	13305900	13359042	13295252	13320065	0.26	cps
Chromium	52-2	699663	695877	699563	698367	0.31	cps
Cobalt	59-2	925006	909904	926913	920607	1.01	cps
Copper	63-2	1106761	1109965	1122417	1113048	0.74	cps
Dysprosium	156-1	17	33	50	33	50.00	cps
Dysprosium	156-2	47	30	20	32	41.81	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	33	8	25	22	57.29	cps
Gadolinium	160-2	57	53	67	59	11.79	cps
Holmium	165-1	3106813	3098426	3117012	3107417	0.30	cps
Holmium	165-2	1651618	1598935	1610646	1620400	1.71	cps
Indium	115-1	2269640	2272458	2258788	2266962	0.32	cps
Indium	115-2	497438	493828	489791	493686	0.77	cps
Iron	56-2	27485583	26976081	27241297	27234320	0.94	cps
Iron	57-2	656544	649841	652324	652903	0.52	cps
Krypton	83-1	163	130	87	127	30.35	cps
Lead	206-1	1028771	1025079	1015548	1023133	0.67	cps
Lead	207-1	937154	941085	950596	942945	0.73	cps
Lead	208-1	4157416	4159288	4143108	4153270	0.21	cps
Lithium	6-1	1986903	2006145	1994644	1995897	0.49	cps
Magnesium	24-2	6789460	6682930	6705899	6726096	0.83	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:32:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	798349	787447	795430	793742	0.71	cps
Molybdenum	94-1	4339817	4333354	4296095	4323088	0.55	cps
Molybdenum	95-1	5716276	5772957	5704047	5731093	0.64	cps
Molybdenum	96-1	6281574	6301581	6231641	6271598	0.57	cps
Molybdenum	97-1	3479250	3523770	3492585	3498535	0.65	cps
Molybdenum	98-1	8854177	9116016	8939252	8969815	1.49	cps
Neodymium	150-1	220	127	113	153	37.90	cps
Neodymium	150-2	17	20	23	20	16.65	cps
Nickel	60-2	231938	230197	231299	231145	0.38	cps
Phosphorus	31-2	34917	33254	34474	34215	2.52	cps
Potassium	39-2	3034684	2971749	2988409	2998281	1.09	cps
Rhodium	103-1	2406211	2425881	2407993	2413362	0.45	cps
Rhodium	103-2	1156566	1161632	1150869	1156356	0.47	cps
Scandium	45-1	3002660	2995756	2995387	2997934	0.14	cps
Scandium	45-2	136868	134443	135062	135458	0.93	cps
Selenium	77-2	1807	1850	1857	1838	1.48	cps
Selenium	78-2	6174	5975	6124	6091	1.69	cps
Selenium	82-1	37161	37484	37212	37286	0.47	cps
Silicon	28-1	2293137	2358017	2366374	2339176	1.71	cps
Silver	109-1	1633174	1645994	1628068	1635745	0.56	cps
Silver	107-1	1726353	1737586	1724942	1729627	0.40	cps
Sodium	23-2	13619078	13254489	13300805	13391457	1.48	cps
Strontium	86-1	574857	584832	578274	579321	0.88	cps
Strontium	88-1	4886236	4887162	4785145	4852848	1.21	cps
Sulfur	34-1	557030	549500	547986	551506	0.88	cps
Terbium	159-1	3352984	3362599	3309177	3341587	0.85	cps
Terbium	159-2	1669545	1628270	1629558	1642458	1.43	cps
Thallium	203-1	1245517	1253007	1235298	1244607	0.71	cps
Thallium	205-1	2915755	2952432	2919410	2929199	0.69	cps
Thorium	232-1	4895844	4924957	4854929	4891910	0.72	cps
Tin	118-1	1140788	1143230	1125199	1136406	0.86	cps
Titanium	47-1	2397621	2448510	2393817	2413316	1.27	cps
Uranium	238-1	4784006	4816925	4819426	4806786	0.41	cps
Vanadium	51-2	600846	594350	599745	598314	0.58	cps
Yttrium	89-1	3374946	3343748	3366777	3361824	0.48	cps
Yttrium	89-2	493333	494138	489386	492286	0.52	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:32:21	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	177063	174715	176266	176015	0.68	cps
Zirconium	90-1	3119259	3151273	3142812	3137782	0.53	cps
Zirconium	91-1	681841	695340	684038	687073	1.05	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:36:19	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1158881	1175901	1181412	1172065	1.00	cps
Antimony	121-1	2739265	2744156	2751742	2745054	0.23	cps
Arsenic	75-1	830544	844477	842979	839333	0.91	cps
Barium	135-1	3652924	3650795	3670528	3658083	0.30	cps
Barium	137-1	6324937	6214456	6321427	6286940	1.00	cps
Beryllium	9-1	1550643	1549426	1537907	1545992	0.45	cps
Bismuth	209-1	1785951	1775924	1790577	1784151	0.42	cps
Bismuth	209-2	1187619	1215178	1228277	1210358	1.71	cps
Boron	10-1	276440	282900	281912	280417	1.24	cps
Boron	11-1	1217852	1245721	1248574	1237382	1.37	cps
Cadmium	111-1	750394	735967	744525	743629	0.98	cps
Cadmium	106-1	87956	87403	88878	88079	0.85	cps
Cadmium	108-1	60730	60437	59797	60321	0.79	cps
Calcium	43-1	1711817	1717084	1715442	1714781	0.16	cps
Calcium	44-1	27092125	26953859	27153743	27066576	0.38	cps
Chromium	52-2	1419512	1458814	1463396	1447240	1.67	cps
Cobalt	59-2	1793628	1807347	1813698	1804891	0.57	cps
Copper	63-2	2156087	2192796	2189224	2179369	0.93	cps
Dysprosium	156-1	58	92	83	78	22.30	cps
Dysprosium	156-2	60	77	77	71	13.53	cps
Erbium	164-1	42	8	17	22	78.07	cps
Erbium	164-2	10	27	3	13	90.16	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	57	70	73	67	13.23	cps
Holmium	165-1	3410737	3389964	3404630	3401777	0.31	cps
Holmium	165-2	1724483	1747182	1734794	1735486	0.65	cps
Indium	115-1	2309038	2306638	2316349	2310675	0.22	cps
Indium	115-2	511782	525477	534783	524014	2.21	cps
Iron	56-2	56540817	57762369	56926440	57076542	1.09	cps
Iron	57-2	1371188	1399490	1398305	1389661	1.15	cps
Krypton	83-1	123	163	130	139	15.43	cps
Lead	206-1	2043487	2036296	2026411	2035398	0.42	cps
Lead	207-1	1852836	1856678	1851582	1853698	0.14	cps
Lead	208-1	8302787	8267199	8276257	8282081	0.22	cps
Lithium	6-1	2003743	1985690	1990814	1993416	0.47	cps
Magnesium	24-2	13878711	14005033	14029919	13971221	0.58	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:36:19	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1621300	1663448	1664963	1649903	1.50	cps
Molybdenum	94-1	8864911	8948420	8977786	8930372	0.66	cps
Molybdenum	95-1	11869812	11881508	11801716	11851012	0.36	cps
Molybdenum	96-1	13101504	12943696	12959025	13001408	0.67	cps
Molybdenum	97-1	7309104	7308918	7318597	7312206	0.08	cps
Molybdenum	98-1	18515413	18652344	18650846	18606201	0.42	cps
Neodymium	150-1	240	313	247	267	15.21	cps
Neodymium	150-2	37	40	33	37	9.10	cps
Nickel	60-2	461249	475432	475104	470595	1.72	cps
Phosphorus	31-2	71748	72719	73080	72516	0.95	cps
Potassium	39-2	6304550	6334647	6338670	6325956	0.29	cps
Rhodium	103-1	2459811	2494302	2482636	2478917	0.71	cps
Rhodium	103-2	1188948	1222931	1230581	1214153	1.83	cps
Scandium	45-1	3149006	3144678	3123337	3139007	0.44	cps
Scandium	45-2	146552	149000	149363	148305	1.03	cps
Selenium	77-2	3707	3971	3887	3855	3.49	cps
Selenium	78-2	12791	12554	12737	12694	0.98	cps
Selenium	82-1	76407	76531	76565	76501	0.11	cps
Silicon	28-1	4497851	4591825	4611631	4567102	1.33	cps
Silver	109-1	3328041	3298041	3291873	3305985	0.59	cps
Silver	107-1	3445031	3445659	3451716	3447469	0.11	cps
Sodium	23-2	27742966	27848935	27901320	27831074	0.29	cps
Strontium	86-1	1172636	1175402	1174804	1174281	0.12	cps
Strontium	88-1	9842718	9846471	9915235	9868141	0.41	cps
Sulfur	34-1	879928	881397	880511	880612	0.08	cps
Terbium	159-1	3461597	3434168	3432217	3442661	0.48	cps
Terbium	159-2	1747667	1764208	1754345	1755407	0.47	cps
Thallium	203-1	2509375	2480993	2527801	2506057	0.94	cps
Thallium	205-1	5920757	5921059	5867929	5903248	0.52	cps
Thorium	232-1	10011291	9933114	9899758	9948055	0.58	cps
Tin	118-1	2323715	2331061	2349069	2334615	0.56	cps
Titanium	47-1	5045846	5040292	5010368	5032169	0.38	cps
Uranium	238-1	9727049	9753966	9753243	9744753	0.16	cps
Vanadium	51-2	1237854	1263744	1267225	1256274	1.28	cps
Yttrium	89-1	3503797	3481399	3496261	3493819	0.33	cps
Yttrium	89-2	522134	533877	534123	530045	1.29	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:36:19	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	354528	364491	366228	361749	1.75	cps
Zirconium	90-1	6428799	6414239	6438898	6427312	0.19	cps
Zirconium	91-1	1394315	1381741	1379187	1385081	0.58	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:40:16	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6095933	6176575	6105037	6125849	0.72	cps
Antimony	121-1	4009	3809	4017	3945	2.99	cps
Arsenic	75-1	1399	1649	1606	1551	8.62	cps
Barium	135-1	925	817	550	764	25.26	cps
Barium	137-1	1717	1058	1258	1345	25.11	cps
Beryllium	9-1	450	280	290	340	28.06	cps
Bismuth	209-1	1550515	1533118	1492860	1525498	1.94	cps
Bismuth	209-2	1007795	1026187	1015931	1016638	0.91	cps
Boron	10-1	15008	14099	12848	13985	7.76	cps
Boron	11-1	66388	60531	55762	60894	8.74	cps
Cadmium	111-1	885	1143	995	1008	12.81	cps
Cadmium	106-1	1017	1417	1325	1253	16.73	cps
Cadmium	108-1	38	17	29	28	37.74	cps
Calcium	43-1	8158242	8244951	8203754	8202316	0.53	cps
Calcium	44-1	129492015	132052582	130137265	130560621	1.02	cps
Chromium	52-2	14647	14758	14694	14700	0.38	cps
Cobalt	59-2	23415	23209	23062	23229	0.77	cps
Copper	63-2	2262	2089	2177	2176	3.97	cps
Dysprosium	156-1	17	58	50	42	52.91	cps
Dysprosium	156-2	20	20	10	17	34.64	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	25	17	50	31	56.77	cps
Gadolinium	160-2	70	63	57	63	10.52	cps
Holmium	165-1	3081521	3106674	3024421	3070872	1.37	cps
Holmium	165-2	1604737	1650111	1603361	1619403	1.64	cps
Indium	115-1	2087381	2089137	2096223	2090913	0.22	cps
Indium	115-2	491250	494428	491980	492553	0.34	cps
Iron	56-2	282725212	287824473	285326390	285292025	0.89	cps
Iron	57-2	6543677	6595775	6523903	6554452	0.57	cps
Krypton	83-1	153	147	197	166	16.40	cps
Lead	206-1	2017	2034	2034	2028	0.47	cps
Lead	207-1	1739	1645	1684	1689	2.81	cps
Lead	208-1	7990	7623	7495	7703	3.33	cps
Lithium	6-1	1812634	1817318	1817875	1815942	0.16	cps
Magnesium	24-2	69370664	70137474	69605147	69704429	0.56	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:40:16	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4721	4874	5008	4868	2.95	cps
Molybdenum	94-1	4884	4518	4001	4468	9.94	cps
Molybdenum	95-1	7094	6235	5743	6357	10.75	cps
Molybdenum	96-1	10154	9595	8945	9565	6.33	cps
Molybdenum	97-1	4242	3642	3451	3778	10.93	cps
Molybdenum	98-1	11213	9362	8770	9782	13.03	cps
Neodymium	150-1	27	40	67	44	45.82	cps
Neodymium	150-2	40	17	17	24	55.10	cps
Nickel	60-2	6848	6908	6672	6809	1.81	cps
Phosphorus	31-2	208	158	150	172	18.32	cps
Potassium	39-2	32407378	32800484	32259661	32489174	0.86	cps
Rhodium	103-1	2136034	2134139	2144014	2138062	0.25	cps
Rhodium	103-2	1046650	1062833	1048237	1052573	0.85	cps
Scandium	45-1	2877179	2899540	2872822	2883180	0.50	cps
Scandium	45-2	141484	141031	142229	141581	0.43	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	44	33	37	38	14.79	cps
Selenium	82-1	64	76	23	54	50.85	cps
Silicon	28-1	266178	258141	253990	259436	2.39	cps
Silver	109-1	550	483	217	417	42.33	cps
Silver	107-1	525	550	400	492	16.34	cps
Sodium	23-2	139136541	140454241	138914603	139501795	0.60	cps
Strontium	86-1	5235	5168	4401	4934	9.39	cps
Strontium	88-1	41352	40993	40291	40879	1.32	cps
Sulfur	34-1	224270	217761	215495	219175	2.08	cps
Terbium	159-1	3106932	3143165	3104202	3118100	0.70	cps
Terbium	159-2	1644960	1672294	1626887	1648047	1.39	cps
Thallium	203-1	1250	1000	767	1006	24.04	cps
Thallium	205-1	2592	2500	1884	2325	16.57	cps
Thorium	232-1	3023	2239	1784	2348	26.69	cps
Tin	118-1	1158	1042	1142	1114	5.66	cps
Titanium	47-1	1567	1108	975	1217	25.51	cps
Uranium	238-1	1650	1567	1258	1492	13.83	cps
Vanadium	51-2	197	217	200	204	5.24	cps
Yttrium	89-1	3189155	3211071	3166694	3188973	0.70	cps
Yttrium	89-2	505810	512906	502142	506953	1.08	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:40:16	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2737	2724	2684	2715	1.02	cps
Zirconium	90-1	2767	2475	2042	2428	15.03	cps
Zirconium	91-1	567	542	392	500	18.93	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:59:35	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28253	31985	30833	30357	6.30	cps
Antimony	121-1	507903	515755	507985	510548	0.88	cps
Arsenic	75-1	166667	164027	161991	164228	1.43	cps
Barium	135-1	68905	70069	70069	69681	0.96	cps
Barium	137-1	119427	121664	118755	119949	1.27	cps
Beryllium	9-1	156934	156309	156873	156705	0.22	cps
Bismuth	209-1	1730216	1662471	1645720	1679469	2.66	cps
Bismuth	209-2	1180035	1271985	1243217	1231745	3.82	cps
Boron	10-1	1759	1775	1617	1717	5.07	cps
Boron	11-1	7469	7777	6935	7394	5.76	cps
Cadmium	111-1	73994	74273	73102	73790	0.83	cps
Cadmium	106-1	7277	7694	7244	7405	3.39	cps
Cadmium	108-1	6418	6235	6368	6340	1.50	cps
Calcium	43-1	33038	33305	33806	33383	1.17	cps
Calcium	44-1	546886	549554	547111	547851	0.27	cps
Chromium	52-2	143461	155240	153440	150713	4.21	cps
Cobalt	59-2	192760	208330	204381	201824	4.01	cps
Copper	63-2	116493	125052	123178	121574	3.70	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	23	10	17	17	39.99	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	107	57	57	73	39.36	cps
Holmium	165-1	3145198	2962687	2998958	3035614	3.18	cps
Holmium	165-2	1683534	1793104	1769073	1748570	3.29	cps
Indium	115-1	2301978	2143687	2171971	2205878	3.83	cps
Indium	115-2	518121	567600	552283	546001	4.64	cps
Iron	56-2	1097332	1193576	1162600	1151169	4.27	cps
Iron	57-2	27343	30894	29269	29168	6.10	cps
Krypton	83-1	143	127	147	139	7.72	cps
Lead	206-1	401798	412826	406468	407031	1.36	cps
Lead	207-1	345072	356234	348897	350068	1.62	cps
Lead	208-1	1577258	1637813	1593558	1602876	1.95	cps
Lithium	6-1	1975460	1819888	1872895	1889414	4.19	cps
Magnesium	24-2	174348	193717	187382	185149	5.33	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:59:35	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	81763	88799	87022	85861	4.26	cps
Molybdenum	94-1	2792392	2820224	2812577	2808398	0.51	cps
Molybdenum	95-1	4959495	5057909	5019152	5012185	0.99	cps
Molybdenum	96-1	5235949	5317766	5315215	5289643	0.88	cps
Molybdenum	97-1	3009758	3076623	3060672	3049018	1.15	cps
Molybdenum	98-1	7716618	7935354	7807129	7819701	1.41	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	49029	53082	52200	51437	4.14	cps
Phosphorus	31-2	75	108	50	78	37.63	cps
Potassium	39-2	271028	296277	286630	284645	4.48	cps
Rhodium	103-1	2512022	2375454	2378760	2422078	3.22	cps
Rhodium	103-2	1212553	1316435	1277476	1268822	4.14	cps
Scandium	45-1	3094722	2842885	2865369	2934326	4.75	cps
Scandium	45-2	143272	154021	149244	148846	3.62	cps
Selenium	77-2	743	843	743	777	7.43	cps
Selenium	78-2	2441	2684	2578	2568	4.74	cps
Selenium	82-1	14742	14735	14573	14684	0.65	cps
Silicon	28-1	206869	218651	221482	215667	3.59	cps
Silver	109-1	322010	324983	323731	323575	0.46	cps
Silver	107-1	336600	339866	334328	336932	0.83	cps
Sodium	23-2	588945	640409	628137	619164	4.34	cps
Strontium	86-1	2850	2984	2659	2831	5.77	cps
Strontium	88-1	22652	22268	22318	22413	0.93	cps
Sulfur	34-1	236142	228575	227333	230683	2.07	cps
Terbium	159-1	3225099	3030038	3074530	3109889	3.29	cps
Terbium	159-2	1692611	1835224	1787971	1771935	4.10	cps
Thallium	203-1	480591	486069	480820	482493	0.64	cps
Thallium	205-1	1133711	1171282	1146586	1150527	1.66	cps
Thorium	232-1	283	333	267	294	11.78	cps
Tin	118-1	117	100	175	131	30.17	cps
Titanium	47-1	2135165	2166960	2137176	2146434	0.83	cps
Uranium	238-1	33	25	17	25	33.32	cps
Vanadium	51-2	121805	134227	130359	128797	4.94	cps
Yttrium	89-1	3389642	3150513	3172645	3237600	4.08	cps
Yttrium	89-2	510373	547558	533665	530532	3.54	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 12:59:35	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	36165	39026	38845	38012	4.21	cps
Zirconium	90-1	950	942	758	883	12.26	cps
Zirconium	91-1	383	392	258	344	21.68	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 13:23:16 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	17	39	49.48	cps
Antimony	121-1	100	117	83	100	16.66	cps
Arsenic	75-1	350	199	254	268	28.48	cps
Barium	135-1	0	0	0	0	0.00	cps
Barium	137-1	8	0	8	6	86.60	cps
Beryllium	9-1	53	53	77	61	22.05	cps
Bismuth	209-1	1567120	1560238	1569638	1565665	0.31	cps
Bismuth	209-2	1045294	1052284	1057638	1051739	0.59	cps
Boron	10-1	875	900	917	897	2.34	cps
Boron	11-1	3742	3867	3859	3823	1.83	cps
Cadmium	111-1	704	752	682	713	5.00	cps
Cadmium	106-1	992	1058	967	1006	4.71	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	92	50	108	83	36.06	cps
Calcium	44-1	9020	8511	8319	8617	4.20	cps
Chromium	52-2	453	370	417	413	10.11	cps
Cobalt	59-2	43	23	17	28	49.95	cps
Copper	63-2	280	273	268	274	2.09	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	17	0	6	173.21	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	17	8	8	11	43.34	cps
Gadolinium	160-2	67	57	30	51	37.09	cps
Holmium	165-1	2914013	2868130	2894771	2892305	0.80	cps
Holmium	165-2	1512020	1538550	1532089	1527553	0.91	cps
Indium	115-1	2131617	2114094	2108648	2118120	0.57	cps
Indium	115-2	464048	475899	486690	475546	2.38	cps
Iron	56-2	3039	2789	2478	2769	10.15	cps
Iron	57-2	200	150	172	174	14.39	cps
Krypton	83-1	90	97	140	109	24.93	cps
Lead	206-1	89	117	67	91	27.61	cps
Lead	207-1	94	67	61	74	24.11	cps
Lead	208-1	394	339	233	322	25.40	cps
Lithium	6-1	1844946	1832475	1837273	1838231	0.34	cps
Magnesium	24-2	50	33	75	53	39.74	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:23:16	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	170	160	148	20.46	cps
Molybdenum	94-1	133	158	183	158	15.79	cps
Molybdenum	95-1	167	100	50	106	55.45	cps
Molybdenum	96-1	175	117	150	147	19.88	cps
Molybdenum	97-1	83	108	58	83	30.00	cps
Molybdenum	98-1	217	150	167	178	19.52	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	40	17	31	40.56	cps
Phosphorus	31-2	150	158	117	142	15.56	cps
Potassium	39-2	14366	13974	14140	14160	1.39	cps
Rhodium	103-1	2332369	2328434	2339077	2333293	0.23	cps
Rhodium	103-2	1089181	1108207	1130278	1109222	1.85	cps
Scandium	45-1	2858030	2864339	2863552	2861974	0.12	cps
Scandium	45-2	131971	136108	137686	135255	2.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	52	44	44	16.66	cps
Selenium	82-1	77	35	8	40	86.06	cps
Silicon	28-1	167553	167359	166061	166991	0.49	cps
Silver	109-1	42	17	25	28	45.82	cps
Silver	107-1	67	33	17	39	65.47	cps
Sodium	23-2	9628	10404	10220	10084	4.02	cps
Strontium	86-1	183	175	175	178	2.71	cps
Strontium	88-1	33	42	17	31	41.66	cps
Sulfur	34-1	285306	281426	278082	281605	1.28	cps
Terbium	159-1	2965628	2901500	2947620	2938249	1.13	cps
Terbium	159-2	1553476	1571508	1554788	1559924	0.64	cps
Thallium	203-1	67	8	58	44	70.99	cps
Thallium	205-1	17	100	92	69	66.09	cps
Thorium	232-1	44	61	72	59	23.59	cps
Tin	118-1	125	100	142	122	17.16	cps
Titanium	47-1	50	75	50	58	24.74	cps
Uranium	238-1	0	8	0	3	173.21	cps
Vanadium	51-2	13	0	7	7	99.98	cps
Yttrium	89-1	3119172	3080343	3109565	3103027	0.65	cps
Yttrium	89-2	461466	464904	477046	467805	1.75	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:23:16	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	97	87	77	87	11.54	cps
Zirconium	90-1	225	217	183	208	10.58	cps
Zirconium	91-1	42	33	67	47	36.74	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 13:26:52 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5636567	5585275	5592106	5604649	0.50	cps
Antimony	121-1	2959	3025	3000	2995	1.12	cps
Arsenic	75-1	602	886	688	725	20.10	cps
Barium	135-1	1033	1042	975	1017	3.57	cps
Barium	137-1	1934	2009	1859	1934	3.88	cps
Beryllium	9-1	500	427	453	460	8.07	cps
Bismuth	209-1	1652042	1656903	1653794	1654246	0.15	cps
Bismuth	209-2	1089838	1083554	1108228	1093873	1.17	cps
Boron	10-1	925	992	1033	983	5.56	cps
Boron	11-1	4418	4267	4251	4312	2.13	cps
Cadmium	111-1	1251	1126	1150	1175	5.66	cps
Cadmium	106-1	1058	1083	983	1042	5.00	cps
Cadmium	108-1	867	904	913	894	2.73	cps
Calcium	43-1	1648612	1663595	1644793	1652333	0.60	cps
Calcium	44-1	26543508	26906862	26615110	26688493	0.72	cps
Chromium	52-2	30836	30829	30802	30822	0.06	cps
Cobalt	59-2	2464	2390	2497	2450	2.23	cps
Copper	63-2	9327	9466	9436	9410	0.78	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	17	8	42	22	78.07	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	17	25	33	25	33.34	cps
Gadolinium	160-2	57	47	50	51	9.96	cps
Holmium	165-1	3280061	3255589	3238260	3257970	0.64	cps
Holmium	165-2	1681602	1653847	1675637	1670362	0.87	cps
Indium	115-1	2279230	2282376	2268707	2276771	0.31	cps
Indium	115-2	505682	508755	513229	509222	0.75	cps
Iron	56-2	115810714	116225911	116638030	116224885	0.36	cps
Iron	57-2	2680780	2660395	2670291	2670489	0.38	cps
Krypton	83-1	117	120	133	123	7.15	cps
Lead	206-1	10471	10143	10377	10330	1.63	cps
Lead	207-1	8486	7797	8047	8110	4.30	cps
Lead	208-1	38851	37944	38422	38406	1.18	cps
Lithium	6-1	1974894	1965458	1949794	1963382	0.65	cps
Magnesium	24-2	14509126	14456920	14450086	14472044	0.22	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 13:26:52 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7212	6862	7098	7057	2.53	cps
Molybdenum	94-1	1983578	1976919	1963735	1974744	0.51	cps
Molybdenum	95-1	3509483	3509447	3519785	3512905	0.17	cps
Molybdenum	96-1	3731302	3707100	3728709	3722370	0.36	cps
Molybdenum	97-1	2135814	2146013	2149500	2143776	0.33	cps
Molybdenum	98-1	5505646	5532362	5464214	5500741	0.62	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	2530	2704	2677	2637	3.54	cps
Phosphorus	31-2	352678	355890	356704	355091	0.60	cps
Potassium	39-2	13242634	13166378	13233824	13214279	0.32	cps
Rhodium	103-1	2409712	2407677	2394193	2403861	0.35	cps
Rhodium	103-2	1147882	1155367	1154707	1152652	0.36	cps
Scandium	45-1	3076033	3079066	3056369	3070490	0.40	cps
Scandium	45-2	144375	145344	146582	145434	0.76	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	33	28	31	31	9.16	cps
Selenium	82-1	76	42	2	40	91.82	cps
Silicon	28-1	279098	268958	270774	272944	1.98	cps
Silver	109-1	142	192	200	178	17.75	cps
Silver	107-1	250	200	267	239	14.52	cps
Sodium	23-2	29365785	29003324	29196364	29188491	0.62	cps
Strontium	86-1	40249	40040	40575	40288	0.67	cps
Strontium	88-1	341365	343470	338279	341038	0.77	cps
Sulfur	34-1	3621897	3665283	3624181	3637121	0.67	cps
Terbium	159-1	3319104	3285270	3323030	3309134	0.63	cps
Terbium	159-2	1687992	1685630	1697757	1690460	0.38	cps
Thallium	203-1	142	83	192	139	39.04	cps
Thallium	205-1	308	450	367	375	18.99	cps
Thorium	232-1	89	44	106	80	39.67	cps
Tin	118-1	600	517	692	603	14.52	cps
Titanium	47-1	1512148	1495730	1479163	1495680	1.10	cps
Uranium	238-1	133	200	192	175	20.76	cps
Vanadium	51-2	297	263	253	271	8.37	cps
Yttrium	89-1	3377982	3408617	3360427	3382342	0.72	cps
Yttrium	89-2	511883	511470	514081	512478	0.27	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:26:52	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2227	2154	2204	2195	1.71	cps
Zirconium	90-1	400	325	392	372	11.04	cps
Zirconium	91-1	83	75	67	75	11.11	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:30:30	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5628290	5722032	5729264	5693196	0.99	cps
Antimony	121-1	58632	56741	56264	57212	2.19	cps
Arsenic	75-1	17575	16979	16658	17070	2.73	cps
Barium	135-1	16560	16293	15768	16207	2.49	cps
Barium	137-1	28221	27295	27545	27687	1.73	cps
Beryllium	9-1	33494	32572	31907	32657	2.44	cps
Bismuth	209-1	1654986	1628577	1624313	1635958	1.02	cps
Bismuth	209-2	1087836	1079015	1111631	1092828	1.54	cps
Boron	10-1	17611	17619	16835	17355	2.59	cps
Boron	11-1	73722	76729	76712	75721	2.29	cps
Cadmium	111-1	16781	15573	16251	16202	3.74	cps
Cadmium	106-1	3626	3759	3334	3573	6.09	cps
Cadmium	108-1	2279	2446	2059	2261	8.60	cps
Calcium	43-1	1701471	1641319	1631290	1658027	2.29	cps
Calcium	44-1	27106326	26593399	26834955	26844893	0.96	cps
Chromium	52-2	61494	62894	62890	62426	1.29	cps
Cobalt	59-2	42084	43006	42960	42683	1.22	cps
Copper	63-2	33158	33331	33986	33492	1.30	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	8	17	0	8	100.02	cps
Erbium	164-2	20	3	17	13	66.16	cps
Gadolinium	160-1	33	67	33	44	43.31	cps
Gadolinium	160-2	60	57	40	52	20.52	cps
Holmium	165-1	3245170	3219695	3229952	3231606	0.40	cps
Holmium	165-2	1661288	1639605	1682001	1660965	1.28	cps
Indium	115-1	2261134	2246681	2253268	2253694	0.32	cps
Indium	115-2	510202	509131	519104	512812	1.07	cps
Iron	56-2	117061464	118456814	119085783	118201354	0.88	cps
Iron	57-2	2708041	2740849	2738724	2729204	0.67	cps
Krypton	83-1	107	103	127	112	11.24	cps
Lead	206-1	53687	50708	51204	51866	3.08	cps
Lead	207-1	43293	41515	41855	42221	2.24	cps
Lead	208-1	201758	194274	193694	196575	2.29	cps
Lithium	6-1	1947701	1912191	1901512	1920468	1.26	cps
Magnesium	24-2	14684145	14887473	14883612	14818410	0.78	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:30:30	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24454	25302	24020	24592	2.65	cps
Molybdenum	94-1	2183891	2160330	2133334	2159185	1.17	cps
Molybdenum	95-1	3635788	3592603	3564450	3597614	1.00	cps
Molybdenum	96-1	3820992	3820165	3804083	3815080	0.25	cps
Molybdenum	97-1	2233055	2195862	2217042	2215320	0.84	cps
Molybdenum	98-1	5743001	5627661	5607221	5659294	1.29	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	12796	12699	12602	12699	0.76	cps
Phosphorus	31-2	359008	365430	370801	365080	1.62	cps
Potassium	39-2	13377513	13599084	13628304	13534967	1.01	cps
Rhodium	103-1	2409414	2371473	2343504	2374797	1.39	cps
Rhodium	103-2	1160022	1156425	1171220	1162556	0.66	cps
Scandium	45-1	3131930	3023072	3063077	3072693	1.79	cps
Scandium	45-2	146688	145015	147912	146538	0.99	cps
Selenium	77-2	40	70	87	66	36.08	cps
Selenium	78-2	337	270	278	295	12.38	cps
Selenium	82-1	1513	1447	1424	1462	3.16	cps
Silicon	28-1	511281	505711	505161	507384	0.67	cps
Silver	109-1	63895	62472	62890	63086	1.16	cps
Silver	107-1	67151	66892	65167	66403	1.62	cps
Sodium	23-2	29549312	30091999	30059420	29900244	1.02	cps
Strontium	86-1	123317	119394	120208	120973	1.71	cps
Strontium	88-1	1023746	1011499	999838	1011694	1.18	cps
Sulfur	34-1	3664554	3638025	3616466	3639682	0.66	cps
Terbium	159-1	3316392	3287636	3273232	3292420	0.67	cps
Terbium	159-2	1687938	1666814	1701365	1685372	1.03	cps
Thallium	203-1	50246	48531	48397	49058	2.10	cps
Thallium	205-1	118660	117123	118182	117988	0.67	cps
Thorium	232-1	1322	1189	1156	1222	7.22	cps
Tin	118-1	136138	128877	129872	131629	2.99	cps
Titanium	47-1	1570886	1527615	1535379	1544626	1.49	cps
Uranium	238-1	551314	539388	532291	540998	1.78	cps
Vanadium	51-2	26561	26995	27359	26972	1.48	cps
Yttrium	89-1	3418951	3366107	3362768	3382609	0.93	cps
Yttrium	89-2	516705	517149	522310	518721	0.60	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:30:30	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5821	5731	6108	5887	3.34	cps
Zirconium	90-1	375771	366918	361680	368123	1.93	cps
Zirconium	91-1	84206	82505	83184	83298	1.03	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:40:51	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3311476	3330855	3300558	3314296	0.46	cps
Antimony	121-1	1248367	1232333	1241957	1240886	0.65	cps
Arsenic	75-1	415017	408165	413828	412337	0.89	cps
Barium	135-1	1675936	1705955	1707574	1696488	1.05	cps
Barium	137-1	2935347	2950306	2947510	2944388	0.27	cps
Beryllium	9-1	745846	735969	737416	739744	0.72	cps
Bismuth	209-1	1596785	1584964	1568720	1583490	0.89	cps
Bismuth	209-2	1064262	1086836	1080002	1077033	1.07	cps
Boron	10-1	128761	131771	129804	130112	1.17	cps
Boron	11-1	565423	580804	578326	574851	1.44	cps
Cadmium	111-1	370581	370618	373945	371715	0.52	cps
Cadmium	106-1	43267	43585	43459	43437	0.37	cps
Cadmium	108-1	29623	29159	29335	29372	0.80	cps
Calcium	43-1	4107104	4042692	4061471	4070422	0.81	cps
Calcium	44-1	65363747	64132331	64613085	64703054	0.96	cps
Chromium	52-2	727946	729615	732085	729882	0.29	cps
Cobalt	59-2	917216	928431	918185	921277	0.67	cps
Copper	63-2	1219825	1215499	1212838	1216054	0.29	cps
Dysprosium	156-1	17	42	75	44	65.84	cps
Dysprosium	156-2	30	53	33	39	32.45	cps
Erbium	164-1	8	25	33	22	57.30	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	17	50	25	31	56.77	cps
Gadolinium	160-2	77	60	67	68	12.38	cps
Holmium	165-1	3219394	3218367	3191195	3209652	0.50	cps
Holmium	165-2	1669633	1673067	1666758	1669819	0.19	cps
Indium	115-1	2191420	2182163	2180414	2184666	0.27	cps
Indium	115-2	504438	512471	508836	508582	0.79	cps
Iron	56-2	143634581	143376114	142677303	143229333	0.35	cps
Iron	57-2	3326016	3315167	3276396	3305860	0.79	cps
Krypton	83-1	147	160	117	141	15.73	cps
Lead	206-1	909528	913022	910090	910880	0.21	cps
Lead	207-1	831367	829761	829496	830208	0.12	cps
Lead	208-1	3706115	3704921	3687576	3699537	0.28	cps
Lithium	6-1	1887839	1892727	1872576	1884381	0.56	cps
Magnesium	24-2	35817733	35766497	35462208	35682146	0.54	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:40:51	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	822837	829568	824736	825714	0.42	cps
Molybdenum	94-1	4126063	4094869	4116014	4112315	0.39	cps
Molybdenum	95-1	5373446	5310498	5334664	5339536	0.59	cps
Molybdenum	96-1	5813453	5793241	5841219	5815971	0.41	cps
Molybdenum	97-1	3292622	3252416	3258437	3267825	0.66	cps
Molybdenum	98-1	8370291	8408978	8444634	8407968	0.44	cps
Neodymium	150-1	180	147	173	167	10.58	cps
Neodymium	150-2	27	17	43	29	46.62	cps
Nickel	60-2	230584	231716	228654	230318	0.67	cps
Phosphorus	31-2	35451	36270	35501	35741	1.28	cps
Potassium	39-2	16834718	16613164	16729414	16725765	0.66	cps
Rhodium	103-1	2322412	2287618	2306082	2305371	0.76	cps
Rhodium	103-2	1122149	1141652	1141071	1134957	0.98	cps
Scandium	45-1	3051763	3008717	3010016	3023499	0.81	cps
Scandium	45-2	149401	150808	150347	150185	0.48	cps
Selenium	77-2	1870	1723	1807	1800	4.09	cps
Selenium	78-2	6251	6481	6442	6392	1.92	cps
Selenium	82-1	35587	35047	35231	35288	0.78	cps
Silicon	28-1	2543545	2614313	2638519	2598793	1.90	cps
Silver	109-1	1659842	1656706	1649281	1655277	0.33	cps
Silver	107-1	1730807	1719694	1722822	1724441	0.33	cps
Sodium	23-2	71734762	71679533	70843614	71419303	0.70	cps
Strontium	86-1	560547	551354	552943	554948	0.89	cps
Strontium	88-1	4684384	4704196	4719053	4702544	0.37	cps
Sulfur	34-1	539144	531187	526137	532156	1.23	cps
Terbium	159-1	3290818	3259162	3239914	3263298	0.79	cps
Terbium	159-2	1691584	1687681	1663650	1680972	0.90	cps
Thallium	203-1	1129521	1110496	1128722	1122913	0.96	cps
Thallium	205-1	2693794	2684868	2674896	2684519	0.35	cps
Thorium	232-1	4491671	4489939	4498622	4493411	0.10	cps
Tin	118-1	1057124	1040217	1045926	1047756	0.82	cps
Titanium	47-1	2267933	2258384	2270240	2265519	0.28	cps
Uranium	238-1	4425143	4423598	4423794	4424178	0.02	cps
Vanadium	51-2	634888	634834	639762	636494	0.44	cps
Yttrium	89-1	3343729	3327725	3334965	3335473	0.24	cps
Yttrium	89-2	513997	519423	526163	519861	1.17	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:40:51	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	187895	188270	186321	187495	0.55	cps
Zirconium	90-1	3066881	3077307	3063521	3069236	0.23	cps
Zirconium	91-1	668829	662888	666247	665988	0.45	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : CCB82 Instrumnet Name : P7
 Client Sample ID : CCB82 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 13:44:32 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	142	117	142	17.65	cps
Antimony	121-1	775	700	808	761	7.29	cps
Arsenic	75-1	117	322	248	229	45.44	cps
Barium	135-1	100	75	42	72	40.52	cps
Barium	137-1	233	175	125	178	30.50	cps
Beryllium	9-1	110	113	93	106	10.15	cps
Bismuth	209-1	1551041	1554231	1588943	1564738	1.34	cps
Bismuth	209-2	1053583	1081533	1072670	1069262	1.34	cps
Boron	10-1	5184	5143	4676	5001	5.65	cps
Boron	11-1	24579	21616	19555	21917	11.52	cps
Cadmium	111-1	783	776	735	765	3.41	cps
Cadmium	106-1	1108	1042	1000	1050	5.20	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	225	292	192	236	21.56	cps
Calcium	44-1	13090	12598	12347	12678	2.98	cps
Chromium	52-2	450	523	480	484	7.61	cps
Cobalt	59-2	43	60	47	50	17.64	cps
Copper	63-2	389	413	412	405	3.33	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	0	17	25	14	91.65	cps
Gadolinium	160-2	57	73	73	68	14.19	cps
Holmium	165-1	2867996	2828304	2886412	2860904	1.04	cps
Holmium	165-2	1542457	1567997	1579866	1563440	1.22	cps
Indium	115-1	2066112	2059269	2110303	2078562	1.33	cps
Indium	115-2	476009	482253	481251	479838	0.70	cps
Iron	56-2	8253	8080	7385	7906	5.81	cps
Iron	57-2	261	217	189	222	16.39	cps
Krypton	83-1	170	110	150	143	21.31	cps
Lead	206-1	200	222	200	207	6.19	cps
Lead	207-1	183	194	172	183	6.06	cps
Lead	208-1	972	872	856	900	7.01	cps
Lithium	6-1	1734752	1730890	1755834	1740492	0.77	cps
Magnesium	24-2	1375	1317	1083	1258	12.27	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P7
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:44:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	87	90	87	3.85	cps
Molybdenum	94-1	892	858	767	839	7.72	cps
Molybdenum	95-1	1275	983	858	1039	20.58	cps
Molybdenum	96-1	1208	1000	1050	1086	10.01	cps
Molybdenum	97-1	700	675	550	642	12.52	cps
Molybdenum	98-1	2017	1608	1575	1734	14.19	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	33	13	29	48.05	cps
Phosphorus	31-2	50	75	67	64	19.92	cps
Potassium	39-2	17928	18078	17469	17825	1.78	cps
Rhodium	103-1	2242029	2233647	2294995	2256890	1.47	cps
Rhodium	103-2	1103892	1111660	1113493	1109682	0.46	cps
Scandium	45-1	2727401	2700745	2786930	2738359	1.61	cps
Scandium	45-2	129063	133075	132597	131578	1.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	46	39	40	14.10	cps
Selenium	82-1	-27	32	1	2	1518.44	cps
Silicon	28-1	177760	175930	171682	175124	1.78	cps
Silver	109-1	217	233	242	231	5.52	cps
Silver	107-1	175	192	125	164	21.17	cps
Sodium	23-2	19630	19714	20331	19892	1.92	cps
Strontium	86-1	217	300	117	211	43.48	cps
Strontium	88-1	258	308	258	275	10.50	cps
Sulfur	34-1	219562	220625	221996	220728	0.55	cps
Terbium	159-1	2934635	2885422	2947780	2922613	1.12	cps
Terbium	159-2	1595689	1528310	1602779	1575593	2.61	cps
Thallium	203-1	358	317	242	306	19.35	cps
Thallium	205-1	1058	808	608	825	27.33	cps
Thorium	232-1	1639	1383	1189	1404	16.08	cps
Tin	118-1	350	375	392	372	5.63	cps
Titanium	47-1	250	233	158	214	22.83	cps
Uranium	238-1	250	200	200	217	13.32	cps
Vanadium	51-2	17	23	20	20	16.65	cps
Yttrium	89-1	2980253	3011908	3049489	3013883	1.15	cps
Yttrium	89-2	463619	476714	471656	470663	1.40	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P7
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:44:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	100	67	100	89	21.65	cps
Zirconium	90-1	550	592	683	608	11.21	cps
Zirconium	91-1	117	125	142	128	9.96	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:48:08	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1142	1075	1242	1153	7.28	cps
Antimony	121-1	5184	4768	4918	4957	4.26	cps
Arsenic	75-1	1306	1166	902	1125	18.22	cps
Barium	135-1	6760	6343	6719	6607	3.47	cps
Barium	137-1	11272	11305	11405	11327	0.61	cps
Beryllium	9-1	1373	1550	1627	1517	8.57	cps
Bismuth	209-1	1620593	1601177	1594933	1605568	0.83	cps
Bismuth	209-2	1068901	1140691	1064476	1091356	3.92	cps
Boron	10-1	8753	9211	8961	8975	2.56	cps
Boron	11-1	41592	41550	40522	41221	1.47	cps
Cadmium	111-1	1536	1372	1456	1455	5.64	cps
Cadmium	106-1	1308	1192	1108	1203	8.35	cps
Cadmium	108-1	54	71	58	61	14.20	cps
Calcium	43-1	7586	7410	8094	7697	4.61	cps
Calcium	44-1	134381	132128	132448	132986	0.92	cps
Chromium	52-2	3094	3274	3130	3166	3.00	cps
Cobalt	59-2	1770	1777	1873	1807	3.20	cps
Copper	63-2	2488	2485	2662	2545	3.98	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	8	0	11	114.58	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	25	33	33	31	15.75	cps
Gadolinium	160-2	57	47	23	42	40.52	cps
Holmium	165-1	2949459	2933261	2955861	2946193	0.40	cps
Holmium	165-2	1534728	1619722	1521949	1558800	3.41	cps
Indium	115-1	2167378	2149330	2167101	2161269	0.48	cps
Indium	115-2	482627	523399	494144	500057	4.20	cps
Iron	56-2	58763	59259	59314	59112	0.51	cps
Iron	57-2	1683	1672	1522	1626	5.53	cps
Krypton	83-1	150	157	130	146	9.54	cps
Lead	206-1	2056	1928	1922	1969	3.83	cps
Lead	207-1	1545	1778	1945	1756	11.45	cps
Lead	208-1	8040	7896	7807	7914	1.49	cps
Lithium	6-1	1834827	1800334	1790984	1808715	1.28	cps
Magnesium	24-2	69302	70073	68415	69263	1.20	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:48:08	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	920	883	867	890	3.07	cps
Molybdenum	94-1	6885	7044	6777	6902	1.94	cps
Molybdenum	95-1	8678	8269	8553	8500	2.46	cps
Molybdenum	96-1	9937	9320	9637	9631	3.20	cps
Molybdenum	97-1	5543	5143	5134	5273	4.43	cps
Molybdenum	98-1	13557	13232	13565	13451	1.41	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	493	523	487	501	3.90	cps
Phosphorus	31-2	342	308	358	336	7.57	cps
Potassium	39-2	76045	78760	77896	77567	1.79	cps
Rhodium	103-1	2366967	2354831	2357654	2359817	0.27	cps
Rhodium	103-2	1124324	1214550	1153833	1164236	3.95	cps
Scandium	45-1	2854023	2844964	2889983	2862990	0.83	cps
Scandium	45-2	136283	145581	135473	139113	4.04	cps
Selenium	77-2	23	30	23	26	15.07	cps
Selenium	78-2	98	91	113	101	11.24	cps
Selenium	82-1	378	340	342	353	6.18	cps
Silicon	28-1	201166	199883	200357	200469	0.32	cps
Silver	109-1	3184	3051	2784	3006	6.78	cps
Silver	107-1	3125	3284	3351	3253	3.55	cps
Sodium	23-2	149901	152999	152804	151901	1.14	cps
Strontium	86-1	1325	1142	1150	1206	8.59	cps
Strontium	88-1	8545	9320	8995	8953	4.35	cps
Sulfur	34-1	237199	239043	238192	238145	0.39	cps
Terbium	159-1	3004618	3006975	3000956	3004183	0.10	cps
Terbium	159-2	1559232	1648663	1576417	1594771	2.98	cps
Thallium	203-1	2184	2392	2300	2292	4.56	cps
Thallium	205-1	5335	5843	5493	5557	4.68	cps
Thorium	232-1	8242	7725	7975	7980	3.24	cps
Tin	118-1	10830	10438	10413	10560	2.21	cps
Titanium	47-1	3984	3709	3484	3726	6.72	cps
Uranium	238-1	7653	7803	7703	7719	0.99	cps
Vanadium	51-2	6108	6231	6355	6231	1.98	cps
Yttrium	89-1	3127084	3172119	3158297	3152500	0.73	cps
Yttrium	89-2	473820	514815	483519	490718	4.37	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 13:48:08	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	400	390	440	410	6.45	cps
Zirconium	90-1	5951	5643	6077	5890	3.79	cps
Zirconium	91-1	1308	1317	1208	1278	4.72	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : PB121248BL Instrumnet Name : P7
 Client Sample ID : PB121248BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:07:44 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	17	31	41.66	cps
Antimony	121-1	117	142	75	111	30.31	cps
Arsenic	75-1	310	142	108	187	57.81	cps
Barium	135-1	8	0	8	6	86.60	cps
Barium	137-1	17	8	0	8	100.02	cps
Beryllium	9-1	23	30	37	30	22.23	cps
Bismuth	209-1	1889234	1883867	1866407	1879836	0.63	cps
Bismuth	209-2	1257944	1274869	1245890	1259568	1.16	cps
Boron	10-1	900	817	1033	917	11.92	cps
Boron	11-1	4209	3926	4159	4098	3.69	cps
Cadmium	111-1	835	871	992	899	9.12	cps
Cadmium	106-1	1175	1225	1425	1275	10.38	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	100	100	125	108	13.33	cps
Calcium	44-1	10237	10246	10379	10287	0.77	cps
Chromium	52-2	593	553	503	550	8.20	cps
Cobalt	59-2	20	27	23	23	14.29	cps
Copper	63-2	340	375	311	342	9.38	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	0	11	114.58	cps
Erbium	164-2	0	3	13	6	124.93	cps
Gadolinium	160-1	25	8	17	17	50.01	cps
Gadolinium	160-2	67	43	57	56	21.08	cps
Holmium	165-1	3566841	3517566	3554718	3546375	0.72	cps
Holmium	165-2	1859061	1884391	1829430	1857628	1.48	cps
Indium	115-1	2652574	2645268	2653081	2650308	0.16	cps
Indium	115-2	599911	610232	602086	604076	0.90	cps
Iron	56-2	2900	2861	3039	2934	3.19	cps
Iron	57-2	167	167	200	178	10.83	cps
Krypton	83-1	153	127	143	141	9.55	cps
Lead	206-1	100	117	100	106	9.12	cps
Lead	207-1	56	111	83	83	33.33	cps
Lead	208-1	356	406	372	378	6.74	cps
Lithium	6-1	2169775	2115723	2141579	2142359	1.26	cps
Magnesium	24-2	75	8	117	67	81.97	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	PB121248BL	Instrumnet Name :	P7
Client Sample ID :	PB121248BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:07:44	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	63	43	50	23.10	cps
Molybdenum	94-1	150	192	158	167	13.23	cps
Molybdenum	95-1	33	33	67	44	43.31	cps
Molybdenum	96-1	167	92	50	103	57.52	cps
Molybdenum	97-1	50	75	50	58	24.74	cps
Molybdenum	98-1	100	67	100	89	21.65	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	20	27	28	30.20	cps
Phosphorus	31-2	158	108	150	139	19.29	cps
Potassium	39-2	16752	17119	16685	16852	1.39	cps
Rhodium	103-1	2928674	2888411	2970636	2929240	1.40	cps
Rhodium	103-2	1402769	1417904	1390316	1403663	0.98	cps
Scandium	45-1	3575007	3556448	3562579	3564678	0.27	cps
Scandium	45-2	173256	176201	171283	173580	1.43	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	37	37	50	41	18.09	cps
Selenium	82-1	1	39	0	13	167.68	cps
Silicon	28-1	173638	175728	171742	173703	1.15	cps
Silver	109-1	42	50	42	44	10.82	cps
Silver	107-1	92	50	58	67	33.07	cps
Sodium	23-2	12089	12047	11830	11989	1.16	cps
Strontium	86-1	300	200	167	222	31.23	cps
Strontium	88-1	17	33	42	31	41.66	cps
Sulfur	34-1	295252	289500	295160	293304	1.12	cps
Terbium	159-1	3613640	3617798	3670499	3633979	0.87	cps
Terbium	159-2	1894874	1910259	1882179	1895771	0.74	cps
Thallium	203-1	92	67	42	67	37.50	cps
Thallium	205-1	142	142	167	150	9.63	cps
Thorium	232-1	72	122	72	89	32.48	cps
Tin	118-1	108	125	125	119	8.06	cps
Titanium	47-1	125	75	108	103	24.77	cps
Uranium	238-1	0	25	8	11	114.58	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Yttrium	89-1	3905911	3872601	3913483	3897332	0.56	cps
Yttrium	89-2	599277	600443	594528	598083	0.52	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	PB121248BL	Instrumnet Name :	P7
Client Sample ID :	PB121248BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:07:44	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	93	87	87	89	4.33	cps
Zirconium	90-1	442	442	317	400	18.04	cps
Zirconium	91-1	67	83	158	103	47.51	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	PB121248BS	Instrumnet Name :	P7
Client Sample ID :	PB121248BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:11:20	DataFile Name :	022DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	690589	682136	691552	688092	0.75	cps
Antimony	121-1	1464322	1462752	1463399	1463491	0.05	cps
Arsenic	75-1	471079	463715	462506	465766	1.00	cps
Barium	135-1	1956730	1970321	1962742	1963264	0.35	cps
Barium	137-1	3352529	3372490	3375154	3366725	0.37	cps
Beryllium	9-1	869715	864805	861325	865282	0.49	cps
Bismuth	209-1	1879142	1887634	1895577	1887451	0.44	cps
Bismuth	209-2	1268028	1277425	1288422	1277958	0.80	cps
Boron	10-1	142374	144320	148399	145031	2.12	cps
Boron	11-1	650360	642885	663007	652084	1.56	cps
Cadmium	111-1	410092	407297	411930	409773	0.57	cps
Cadmium	106-1	49596	49562	48251	49136	1.56	cps
Cadmium	108-1	33047	32997	31706	32584	2.33	cps
Calcium	43-1	957366	964669	958294	960110	0.41	cps
Calcium	44-1	14925748	15229721	14976151	15043873	1.08	cps
Chromium	52-2	835755	835594	855753	842367	1.38	cps
Cobalt	59-2	1094622	1097554	1102442	1098206	0.36	cps
Copper	63-2	1307809	1325489	1333678	1322325	1.00	cps
Dysprosium	156-1	42	50	25	39	32.73	cps
Dysprosium	156-2	33	77	47	52	42.50	cps
Erbium	164-1	0	17	0	6	173.21	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	33	0	17	17	99.99	cps
Gadolinium	160-2	50	70	63	61	16.66	cps
Holmium	165-1	3672410	3701913	3679940	3684754	0.42	cps
Holmium	165-2	1922514	1917017	1917627	1919052	0.16	cps
Indium	115-1	2591879	2595139	2596384	2594467	0.09	cps
Indium	115-2	589565	592183	606174	595974	1.50	cps
Iron	56-2	33119852	32782833	33176967	33026551	0.64	cps
Iron	57-2	772720	780268	790878	781289	1.17	cps
Krypton	83-1	153	143	170	156	8.66	cps
Lead	206-1	1068430	1064803	1068809	1067347	0.21	cps
Lead	207-1	957101	953472	964684	958419	0.60	cps
Lead	208-1	4258634	4257311	4310540	4275495	0.71	cps
Lithium	6-1	2188514	2162841	2175617	2175657	0.59	cps
Magnesium	24-2	8221256	8144162	8131031	8165483	0.60	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	PB121248BS	Instrumnet Name :	P7
Client Sample ID :	PB121248BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:11:20	DataFile Name :	022DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	949111	956087	969405	958201	1.08	cps
Molybdenum	94-1	4491779	4557742	4514188	4521236	0.74	cps
Molybdenum	95-1	5744239	5863579	5767854	5791890	1.09	cps
Molybdenum	96-1	6277447	6399263	6261984	6312898	1.19	cps
Molybdenum	97-1	3551498	3583169	3572213	3568960	0.45	cps
Molybdenum	98-1	9069300	9183025	9172173	9141500	0.69	cps
Neodymium	150-1	220	160	207	196	16.11	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	274268	276002	278148	276139	0.70	cps
Phosphorus	31-2	41843	42796	42019	42219	1.20	cps
Potassium	39-2	3726794	3690843	3791701	3736446	1.37	cps
Rhodium	103-1	2816670	2822906	2819205	2819594	0.11	cps
Rhodium	103-2	1370756	1375240	1393196	1379731	0.86	cps
Scandium	45-1	3526489	3539419	3504251	3523386	0.50	cps
Scandium	45-2	170104	169999	172400	170834	0.79	cps
Selenium	77-2	1994	2170	2324	2162	7.64	cps
Selenium	78-2	7233	7213	7446	7298	1.77	cps
Selenium	82-1	41478	41477	41113	41356	0.51	cps
Silicon	28-1	3464127	3577785	3604040	3548651	2.10	cps
Silver	109-1	1830901	1820789	1831075	1827588	0.32	cps
Silver	107-1	1922819	1949729	1926689	1933079	0.75	cps
Sodium	23-2	16308319	16196849	16294303	16266490	0.37	cps
Strontium	86-1	635786	642181	638191	638719	0.51	cps
Strontium	88-1	5416663	5439830	5434727	5430407	0.22	cps
Sulfur	34-1	639499	619547	603874	620973	2.88	cps
Terbium	159-1	3710296	3734593	3757018	3733969	0.63	cps
Terbium	159-2	1924630	1905084	1929054	1919589	0.66	cps
Thallium	203-1	1306916	1319759	1301838	1309504	0.71	cps
Thallium	205-1	3091720	3114452	3098839	3101670	0.37	cps
Thorium	232-1	4923507	4983730	4981391	4962876	0.69	cps
Tin	118-1	1241520	1234165	1229962	1235216	0.47	cps
Titanium	47-1	2481647	2510418	2461177	2484414	1.00	cps
Uranium	238-1	4822944	4886761	4867919	4859208	0.67	cps
Vanadium	51-2	717744	722150	734733	724875	1.22	cps
Yttrium	89-1	3895782	3888381	3866808	3883657	0.39	cps
Yttrium	89-2	595166	606294	615169	605543	1.66	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	PB121248BS	Instrumnet Name :	P7
Client Sample ID :	PB121248BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:11:20	DataFile Name :	022DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	203121	207368	209815	206768	1.64	cps
Zirconium	90-1	3512177	3527924	3522098	3520733	0.23	cps
Zirconium	91-1	759705	768643	763515	763954	0.59	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3713-01	Instrumnet Name :	P7
Client Sample ID :	390627045.2-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:14:57	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	267	300	281	6.18	cps
Antimony	121-1	1042	917	1100	1020	9.19	cps
Arsenic	75-1	587	286	650	508	38.37	cps
Barium	135-1	700	775	658	711	8.31	cps
Barium	137-1	1333	1133	1167	1211	8.85	cps
Beryllium	9-1	187	190	133	170	18.70	cps
Bismuth	209-1	1839502	1803877	1747566	1796982	2.58	cps
Bismuth	209-2	292268	7223	418754	239415	88.05	cps
Boron	10-1	961064	984016	976527	973869	1.20	cps
Boron	11-1	4500595	4672299	4679587	4617494	2.19	cps
Cadmium	111-1	946	961	1105	1004	8.76	cps
Cadmium	106-1	1275	1300	1533	1370	10.40	cps
Cadmium	108-1	38	29	21	29	28.58	cps
Calcium	43-1	34074	33998	33564	33879	0.81	cps
Calcium	44-1	552261	544185	555179	550542	1.03	cps
Chromium	52-2	707	723	680	703	3.11	cps
Cobalt	59-2	73	47	30	50	43.71	cps
Copper	63-2	3097	3196	3467	3254	5.89	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	33	0	11	173.21	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	10	3	20	11	75.52	cps
Holmium	165-1	3806534	3700275	3581377	3696062	3.05	cps
Holmium	165-2	491737	9572	690745	397352	88.15	cps
Indium	115-1	2656505	2560788	2516033	2577775	2.78	cps
Indium	115-2	146243	2921	198450	115871	87.37	cps
Iron	56-2	13796	13506	13023	13442	2.91	cps
Iron	57-2	650	528	578	585	10.50	cps
Krypton	83-1	143	143	123	137	8.45	cps
Lead	206-1	756	700	656	704	7.12	cps
Lead	207-1	578	533	606	572	6.37	cps
Lead	208-1	2784	2672	2628	2695	2.97	cps
Lithium	6-1	2114787	2109263	2093901	2105984	0.51	cps
Magnesium	24-2	40121	41116	38643	39960	3.11	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3713-01	Instrumnet Name :	P7
Client Sample ID :	390627045.2-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:14:57	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4251	4234	3971	4152	3.78	cps
Molybdenum	94-1	36406	35704	37525	36545	2.51	cps
Molybdenum	95-1	65359	64672	63743	64592	1.26	cps
Molybdenum	96-1	68833	67853	68013	68233	0.77	cps
Molybdenum	97-1	40366	38670	39731	39589	2.17	cps
Molybdenum	98-1	102727	103121	103549	103133	0.40	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	830	740	763	778	6.01	cps
Phosphorus	31-2	83	125	200	136	43.43	cps
Potassium	39-2	64759	65035	63160	64318	1.57	cps
Rhodium	103-1	2784434	2722698	2627560	2711564	2.91	cps
Rhodium	103-2	320295	6079	451868	259414	88.29	cps
Scandium	45-1	3586941	3494160	3392321	3491141	2.79	cps
Scandium	45-2	45876	2087	54589	34184	82.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	35	41	38	7.38	cps
Selenium	82-1	43	32	66	47	36.50	cps
Silicon	28-1	18946406	19131705	19061983	19046698	0.49	cps
Silver	109-1	250	208	233	231	9.10	cps
Silver	107-1	333	200	208	247	30.21	cps
Sodium	23-2	196803679	199339538	195301388	197148202	1.04	cps
Strontium	86-1	99250	98025	99251	98842	0.72	cps
Strontium	88-1	841645	815505	841812	832987	1.82	cps
Sulfur	34-1	13363803	13484245	13576753	13474934	0.79	cps
Terbium	159-1	3837035	3720920	3648969	3735641	2.54	cps
Terbium	159-2	493671	9602	699462	400912	88.34	cps
Thallium	203-1	200	317	267	261	22.42	cps
Thallium	205-1	875	767	625	756	16.59	cps
Thorium	232-1	1611	1428	1239	1426	13.05	cps
Tin	118-1	517	508	425	483	10.49	cps
Titanium	47-1	708	525	508	581	19.12	cps
Uranium	238-1	11923	12498	11239	11887	5.30	cps
Vanadium	51-2	793	737	740	757	4.20	cps
Yttrium	89-1	3991014	3861216	3787059	3879763	2.66	cps
Yttrium	89-2	146581	2710	205908	118400	88.25	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3713-01	Instrumnet Name :	P7
Client Sample ID :	390627045.2-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:14:57	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6528	6748	6375	6550	2.87	cps
Zirconium	90-1	1300	1117	933	1117	16.42	cps
Zirconium	91-1	258	250	208	239	11.22	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3713-02 Instrumnet Name : P7
 Client Sample ID : 390627045.2-KITCHEN Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:18:35 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	267	342	281	19.78	cps
Antimony	121-1	300	325	267	297	9.85	cps
Arsenic	75-1	335	414	407	385	11.26	cps
Barium	135-1	1067	883	817	922	14.04	cps
Barium	137-1	1634	1600	1517	1583	3.80	cps
Beryllium	9-1	77	43	87	69	32.94	cps
Bismuth	209-1	1545344	1546689	1549194	1547076	0.13	cps
Bismuth	209-2	1017623	1057825	1048992	1041480	2.03	cps
Boron	10-1	948128	948188	977041	957786	1.74	cps
Boron	11-1	4508477	4523332	4563325	4531711	0.63	cps
Cadmium	111-1	691	745	603	680	10.50	cps
Cadmium	106-1	967	1050	850	956	10.51	cps
Cadmium	108-1	21	46	42	36	37.10	cps
Calcium	43-1	44284	43891	43540	43905	0.85	cps
Calcium	44-1	716897	705738	707415	710017	0.85	cps
Chromium	52-2	703	790	683	726	7.81	cps
Cobalt	59-2	183	187	187	186	1.04	cps
Copper	63-2	17964	18631	18548	18381	1.98	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	17	8	25	17	50.01	cps
Gadolinium	160-2	70	47	77	64	24.44	cps
Holmium	165-1	3134100	3158017	3127093	3139737	0.52	cps
Holmium	165-2	1639621	1677632	1673835	1663696	1.26	cps
Indium	115-1	2242485	2254182	2213466	2236711	0.94	cps
Indium	115-2	507299	518907	516866	514357	1.20	cps
Iron	56-2	66640	68660	69208	68169	1.98	cps
Iron	57-2	1934	2217	1872	2008	9.16	cps
Krypton	83-1	110	137	150	132	15.40	cps
Lead	206-1	617	533	700	617	13.51	cps
Lead	207-1	478	567	544	530	8.73	cps
Lead	208-1	2311	2500	2639	2484	6.63	cps
Lithium	6-1	1898072	1890638	1886111	1891607	0.32	cps
Magnesium	24-2	39478	41475	43088	41347	4.37	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3713-02	Instrumnet Name :	P7
Client Sample ID :	390627045.2-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:18:35	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6888	7078	6972	6980	1.37	cps
Molybdenum	94-1	35846	36046	36414	36102	0.80	cps
Molybdenum	95-1	64605	63911	63383	63966	0.96	cps
Molybdenum	96-1	69336	68197	67645	68393	1.26	cps
Molybdenum	97-1	39773	39422	40041	39745	0.78	cps
Molybdenum	98-1	100964	99597	99160	99907	0.94	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1037	1040	1070	1049	1.75	cps
Phosphorus	31-2	108	158	125	131	19.50	cps
Potassium	39-2	70610	71196	72226	71344	1.15	cps
Rhodium	103-1	2332100	2366061	2325472	2341211	0.93	cps
Rhodium	103-2	1138898	1165840	1164785	1156508	1.32	cps
Scandium	45-1	3027638	3045277	3000751	3024555	0.74	cps
Scandium	45-2	147337	150738	151801	149959	1.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	50	24	41	36.20	cps
Selenium	82-1	26	28	11	21	44.05	cps
Silicon	28-1	17277015	17204376	17217093	17232828	0.23	cps
Silver	109-1	75	67	67	69	6.93	cps
Silver	107-1	33	125	67	75	61.87	cps
Sodium	23-2	161096108	163872283	163298033	162755474	0.90	cps
Strontium	86-1	128646	126462	129848	128319	1.34	cps
Strontium	88-1	1078012	1064108	1070273	1070798	0.65	cps
Sulfur	34-1	11240876	11261579	11243196	11248550	0.10	cps
Terbium	159-1	3187969	3248713	3254009	3230230	1.14	cps
Terbium	159-2	1673263	1703516	1680269	1685683	0.94	cps
Thallium	203-1	58	108	75	81	31.60	cps
Thallium	205-1	200	217	150	189	18.37	cps
Thorium	232-1	339	344	344	343	0.94	cps
Tin	118-1	317	317	325	319	1.51	cps
Titanium	47-1	433	375	333	381	13.20	cps
Uranium	238-1	2809	3017	2675	2834	6.08	cps
Vanadium	51-2	163	180	153	166	8.13	cps
Yttrium	89-1	3348540	3341618	3342723	3344294	0.11	cps
Yttrium	89-2	513187	527652	525620	522153	1.50	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3713-02	Instrumnet Name :	P7
Client Sample ID :	390627045.2-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:18:35	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5821	5818	5584	5741	2.36	cps
Zirconium	90-1	483	558	475	506	9.08	cps
Zirconium	91-1	167	142	83	131	32.75	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2O	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:22:14	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	317	217	247	24.38	cps
Antimony	121-1	75	108	83	89	19.52	cps
Arsenic	75-1	347	131	166	214	54.15	cps
Barium	135-1	25	8	33	22	57.29	cps
Barium	137-1	50	50	42	47	10.18	cps
Beryllium	9-1	40	103	37	60	62.61	cps
Bismuth	209-1	1568178	1576785	1586739	1577234	0.59	cps
Bismuth	209-2	1034347	1055779	1048918	1046348	1.05	cps
Boron	10-1	47367	43906	41834	44369	6.30	cps
Boron	11-1	218245	205671	190292	204736	6.84	cps
Cadmium	111-1	721	775	700	732	5.31	cps
Cadmium	106-1	1017	1083	1000	1033	4.27	cps
Cadmium	108-1	4	0	13	6	114.53	cps
Calcium	43-1	300	258	333	297	12.64	cps
Calcium	44-1	15525	14583	14483	14864	3.87	cps
Chromium	52-2	963	980	957	967	1.24	cps
Cobalt	59-2	17	13	33	21	50.75	cps
Copper	63-2	437	440	451	442	1.67	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	33	8	14	124.92	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	43	47	43	44	4.34	cps
Holmium	165-1	2955600	2973119	2944741	2957820	0.48	cps
Holmium	165-2	1505360	1583446	1592004	1560270	3.06	cps
Indium	115-1	2147719	2150736	2179455	2159303	0.81	cps
Indium	115-2	484441	486040	490294	486925	0.62	cps
Iron	56-2	6674	6885	6552	6704	2.52	cps
Iron	57-2	294	244	183	241	23.12	cps
Krypton	83-1	147	97	150	131	22.79	cps
Lead	206-1	217	150	283	217	30.77	cps
Lead	207-1	200	161	194	185	11.36	cps
Lead	208-1	867	706	883	819	12.00	cps
Lithium	6-1	1754032	1746935	1737359	1746109	0.48	cps
Magnesium	24-2	167	233	183	194	17.84	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2O	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:22:14	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	103	110	104	4.87	cps
Molybdenum	94-1	192	133	175	167	18.03	cps
Molybdenum	95-1	150	192	133	158	18.97	cps
Molybdenum	96-1	183	225	200	203	10.34	cps
Molybdenum	97-1	75	67	108	83	26.46	cps
Molybdenum	98-1	258	208	233	233	10.72	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	70	60	66	7.77	cps
Phosphorus	31-2	117	108	100	108	7.69	cps
Potassium	39-2	15250	15359	15300	15303	0.35	cps
Rhodium	103-1	2369844	2370489	2350007	2363447	0.49	cps
Rhodium	103-2	1124787	1135295	1142536	1134206	0.79	cps
Scandium	45-1	2849039	2882998	2853144	2861727	0.65	cps
Scandium	45-2	136562	137723	138716	137667	0.78	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	35	30	33	33	8.65	cps
Selenium	82-1	-10	12	-15	-4	-330.92	cps
Silicon	28-1	204633	201969	204311	203637	0.71	cps
Silver	109-1	67	25	75	56	48.22	cps
Silver	107-1	58	117	67	81	39.16	cps
Sodium	23-2	53814	49892	49708	51138	4.53	cps
Strontium	86-1	250	200	275	242	15.80	cps
Strontium	88-1	658	558	600	606	8.30	cps
Sulfur	34-1	211090	213770	211251	212037	0.71	cps
Terbium	159-1	3011748	3041189	3027794	3026910	0.49	cps
Terbium	159-2	1595274	1618384	1646075	1619911	1.57	cps
Thallium	203-1	42	50	75	56	31.22	cps
Thallium	205-1	183	125	108	139	28.35	cps
Thorium	232-1	122	94	144	120	20.81	cps
Tin	118-1	258	183	208	217	17.63	cps
Titanium	47-1	158	142	108	136	18.70	cps
Uranium	238-1	8	33	0	14	124.91	cps
Vanadium	51-2	13	7	7	9	43.25	cps
Yttrium	89-1	3180738	3169191	3173522	3174483	0.18	cps
Yttrium	89-2	476742	481461	486124	481443	0.97	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2O	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:22:14	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	613	667	660	647	4.49	cps
Zirconium	90-1	242	325	192	253	26.65	cps
Zirconium	91-1	117	75	50	81	41.81	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3714-01DUP Instrumnet Name : P7
 Client Sample ID : 390703046.0-D1-H2ODU Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:25:50 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	142	192	164	15.54	cps
Antimony	121-1	33	83	108	75	50.92	cps
Arsenic	75-1	215	264	245	241	10.24	cps
Barium	135-1	25	58	33	39	44.62	cps
Barium	137-1	33	17	33	28	34.63	cps
Beryllium	9-1	40	37	37	38	5.09	cps
Bismuth	209-1	1549567	1530756	1527256	1535860	0.78	cps
Bismuth	209-2	1054007	1034794	1034984	1041262	1.06	cps
Boron	10-1	22092	21992	21224	21769	2.18	cps
Boron	11-1	103403	103059	98522	101661	2.68	cps
Cadmium	111-1	705	695	788	729	6.97	cps
Cadmium	106-1	1000	967	1125	1031	8.10	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	342	425	325	364	14.72	cps
Calcium	44-1	13832	13857	13899	13862	0.24	cps
Chromium	52-2	1043	967	980	997	4.11	cps
Cobalt	59-2	7	20	30	19	61.96	cps
Copper	63-2	497	459	373	443	14.39	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	0	8	14	124.91	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	33	0	17	17	99.99	cps
Gadolinium	160-2	23	43	53	40	38.19	cps
Holmium	165-1	2889375	2861220	2865676	2872090	0.53	cps
Holmium	165-2	1558312	1545215	1510906	1538145	1.59	cps
Indium	115-1	2123900	2111162	2091913	2108992	0.76	cps
Indium	115-2	490036	476047	481663	482582	1.46	cps
Iron	56-2	4940	4868	5029	4945	1.63	cps
Iron	57-2	233	189	156	193	20.26	cps
Krypton	83-1	137	103	120	120	13.89	cps
Lead	206-1	161	206	189	185	12.12	cps
Lead	207-1	178	172	133	161	15.03	cps
Lead	208-1	778	778	700	752	5.97	cps
Lithium	6-1	1760193	1747249	1701696	1736380	1.77	cps
Magnesium	24-2	158	167	167	164	2.94	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3714-01DUP Instrumnet Name : P7
 Client Sample ID : 390703046.0-D1-H2ODU Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:25:50 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	90	67	87	21.42	cps
Molybdenum	94-1	158	175	158	164	5.87	cps
Molybdenum	95-1	58	100	75	78	26.96	cps
Molybdenum	96-1	100	100	75	92	15.75	cps
Molybdenum	97-1	42	42	67	50	28.87	cps
Molybdenum	98-1	83	142	200	142	41.18	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	40	40	48	28.19	cps
Phosphorus	31-2	167	117	125	136	19.68	cps
Potassium	39-2	15175	14708	14850	14911	1.61	cps
Rhodium	103-1	2322451	2323973	2292213	2312879	0.77	cps
Rhodium	103-2	1145389	1111517	1127643	1128183	1.50	cps
Scandium	45-1	2792839	2777426	2778423	2782896	0.31	cps
Scandium	45-2	138224	134060	136353	136212	1.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	35	50	44	18.16	cps
Selenium	82-1	16	39	37	31	40.27	cps
Silicon	28-1	195214	200508	196820	197514	1.37	cps
Silver	109-1	58	58	25	47	40.76	cps
Silver	107-1	50	58	33	47	26.97	cps
Sodium	23-2	31768	32486	31885	32046	1.20	cps
Strontium	86-1	250	258	242	250	3.33	cps
Strontium	88-1	433	392	458	428	7.87	cps
Sulfur	34-1	216694	215578	216424	216232	0.27	cps
Terbium	159-1	2976779	2930808	2913294	2940294	1.12	cps
Terbium	159-2	1576298	1588461	1517908	1560889	2.42	cps
Thallium	203-1	25	42	25	31	31.50	cps
Thallium	205-1	50	158	92	100	54.65	cps
Thorium	232-1	83	78	133	98	31.17	cps
Tin	118-1	208	267	233	236	12.39	cps
Titanium	47-1	133	133	183	150	19.24	cps
Uranium	238-1	0	8	0	3	173.21	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	3090775	3091317	3055330	3079141	0.67	cps
Yttrium	89-2	486928	468046	472756	475910	2.07	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01DUP	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2ODU	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:25:50	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	583	663	607	618	6.66	cps
Zirconium	90-1	258	325	242	275	16.04	cps
Zirconium	91-1	58	83	50	64	27.15	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01LX5	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-10 14:29:27	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	75	92	72	29.04	cps
Antimony	121-1	33	25	25	28	17.31	cps
Arsenic	75-1	287	311	-37	187	103.97	cps
Barium	135-1	25	17	25	22	21.64	cps
Barium	137-1	25	17	0	14	91.65	cps
Beryllium	9-1	47	43	40	43	7.70	cps
Bismuth	209-1	1531780	1539126	1570673	1547193	1.34	cps
Bismuth	209-2	1023738	1041243	1052888	1039290	1.41	cps
Boron	10-1	13632	12981	12789	13134	3.36	cps
Boron	11-1	61274	62874	60037	61395	2.32	cps
Cadmium	111-1	634	698	669	667	4.82	cps
Cadmium	106-1	900	992	950	947	4.85	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	242	208	133	194	28.54	cps
Calcium	44-1	12055	12005	12039	12033	0.21	cps
Chromium	52-2	557	533	583	558	4.49	cps
Cobalt	59-2	10	10	13	11	17.30	cps
Copper	63-2	295	311	348	318	8.43	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	8	0	8	6	86.60	cps
Gadolinium	160-2	80	27	57	54	49.10	cps
Holmium	165-1	2873635	2892990	2921270	2895965	0.83	cps
Holmium	165-2	1505155	1569682	1592957	1555931	2.92	cps
Indium	115-1	2090365	2093561	2138648	2107524	1.28	cps
Indium	115-2	477420	481434	487445	482100	1.05	cps
Iron	56-2	3173	3089	2911	3058	4.36	cps
Iron	57-2	167	111	206	161	29.46	cps
Krypton	83-1	150	133	150	144	6.66	cps
Lead	206-1	72	111	106	96	21.85	cps
Lead	207-1	83	83	106	91	14.14	cps
Lead	208-1	389	467	367	407	12.89	cps
Lithium	6-1	1741581	1761525	1782156	1761754	1.15	cps
Magnesium	24-2	200	158	233	197	19.05	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01LX5	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-10 14:29:27	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	77	47	72	32.74	cps
Molybdenum	94-1	83	125	92	100	22.05	cps
Molybdenum	95-1	92	108	42	81	43.07	cps
Molybdenum	96-1	67	17	67	50	57.73	cps
Molybdenum	97-1	33	100	33	56	69.29	cps
Molybdenum	98-1	83	92	133	103	26.06	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	20	23	30	48.44	cps
Phosphorus	31-2	125	100	83	103	20.41	cps
Potassium	39-2	14491	15092	14116	14566	3.38	cps
Rhodium	103-1	2291386	2317782	2344811	2317993	1.15	cps
Rhodium	103-2	1120404	1129168	1143967	1131180	1.05	cps
Scandium	45-1	2791233	2804468	2863820	2819840	1.37	cps
Scandium	45-2	134988	138494	138567	137350	1.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	48	35	42	15.49	cps
Selenium	82-1	4	27	-33	0	-7369.26	cps
Silicon	28-1	187115	178343	178164	181207	2.82	cps
Silver	109-1	8	17	42	22	78.07	cps
Silver	107-1	67	33	50	50	33.34	cps
Sodium	23-2	26123	26023	24838	25661	2.79	cps
Strontium	86-1	308	242	200	250	21.86	cps
Strontium	88-1	100	100	175	125	34.64	cps
Sulfur	34-1	222614	223356	222899	222956	0.17	cps
Terbium	159-1	2925146	2930525	2999880	2951851	1.41	cps
Terbium	159-2	1602545	1540134	1628117	1590265	2.85	cps
Thallium	203-1	67	8	25	33	90.15	cps
Thallium	205-1	67	83	75	75	11.11	cps
Thorium	232-1	94	44	72	70	35.60	cps
Tin	118-1	75	133	142	117	31.14	cps
Titanium	47-1	142	142	175	153	12.60	cps
Uranium	238-1	0	0	0	0	0.00	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Yttrium	89-1	3046395	3061749	3154030	3087391	1.89	cps
Yttrium	89-2	472747	478921	481356	477675	0.93	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01LX5	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-10 14:29:27	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	153	187	170	170	9.80	cps
Zirconium	90-1	258	233	225	239	7.26	cps
Zirconium	91-1	42	25	67	44	47.19	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3714-01MS Instrumnet Name : P7
 Client Sample ID : 390703046.0-D1-H2OMS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:33:04 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117333	117525	117333	117397	0.09	cps
Antimony	121-1	2109882	2062920	2055036	2075946	1.43	cps
Arsenic	75-1	637613	631460	626757	631943	0.86	cps
Barium	135-1	137207	132252	133352	134270	1.94	cps
Barium	137-1	241002	240849	235715	239189	1.26	cps
Beryllium	9-1	305559	302290	300657	302835	0.82	cps
Bismuth	209-1	1639565	1617126	1606216	1620969	1.05	cps
Bismuth	209-2	1077011	1075528	1104504	1085681	1.50	cps
Boron	10-1	93179	93666	92274	93040	0.76	cps
Boron	11-1	412903	415532	420975	416470	0.99	cps
Cadmium	111-1	145082	143554	140687	143108	1.56	cps
Cadmium	106-1	14266	13966	13398	13877	3.18	cps
Cadmium	108-1	10116	9662	9349	9709	3.97	cps
Calcium	43-1	20874	20515	20331	20573	1.34	cps
Calcium	44-1	315662	311091	308381	311711	1.18	cps
Chromium	52-2	589811	591541	598381	593245	0.76	cps
Cobalt	59-2	390726	395528	397051	394435	0.84	cps
Copper	63-2	347568	350455	351890	349971	0.63	cps
Dysprosium	156-1	155753	153703	153164	154207	0.89	cps
Dysprosium	156-2	55646	57185	57055	56629	1.51	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	25	58	50	44	39.04	cps
Gadolinium	160-2	87	70	80	79	10.64	cps
Holmium	165-1	3060050	3091089	3042130	3064423	0.81	cps
Holmium	165-2	1598078	1608703	1626358	1611047	0.89	cps
Indium	115-1	2220067	2195083	2191469	2202206	0.71	cps
Indium	115-2	500815	499590	507069	502492	0.80	cps
Iron	56-2	3509237	3486308	3479624	3491723	0.44	cps
Iron	57-2	82872	84196	83486	83518	0.79	cps
Krypton	83-1	143	97	163	134	25.45	cps
Lead	206-1	1933844	1915227	1911023	1920032	0.63	cps
Lead	207-1	1680643	1650644	1632526	1654604	1.47	cps
Lead	208-1	7649894	7498250	7492468	7546871	1.18	cps
Lithium	6-1	1994504	1965806	1952065	1970792	1.10	cps
Magnesium	24-2	299103	299853	300116	299691	0.18	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01MS	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OMS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:33:04	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	166494	165927	169429	167283	1.12	cps
Molybdenum	94-1	396019	391094	385117	390743	1.40	cps
Molybdenum	95-1	693114	675941	673866	680974	1.55	cps
Molybdenum	96-1	732293	720942	716166	723134	1.15	cps
Molybdenum	97-1	431897	427792	418495	426062	1.61	cps
Molybdenum	98-1	1083134	1073752	1068207	1075031	0.70	cps
Neodymium	150-1	33	20	27	27	24.99	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	245210	249186	247843	247413	0.82	cps
Phosphorus	31-2	20289	21683	21650	21207	3.75	cps
Potassium	39-2	1317265	1326206	1341909	1328460	0.94	cps
Rhodium	103-1	2450990	2418288	2439370	2436216	0.68	cps
Rhodium	103-2	1183891	1191156	1202765	1192604	0.80	cps
Scandium	45-1	2976069	2962282	2936989	2958447	0.67	cps
Scandium	45-2	145355	144609	147324	145762	0.96	cps
Selenium	77-2	7315	7325	7482	7374	1.27	cps
Selenium	78-2	24829	25252	24957	25012	0.87	cps
Selenium	82-1	144158	142975	141991	143042	0.76	cps
Silicon	28-1	4299305	4412866	4498846	4403672	2.27	cps
Silver	109-1	248565	244652	243911	245709	1.02	cps
Silver	107-1	262475	257829	258579	259627	0.96	cps
Sodium	23-2	921371	920895	942563	928277	1.33	cps
Strontium	86-1	227238	221199	221027	223154	1.59	cps
Strontium	88-1	1891600	1883478	1864001	1879693	0.75	cps
Sulfur	34-1	224008	221928	218317	221418	1.30	cps
Terbium	159-1	3168907	3152701	3134085	3151898	0.55	cps
Terbium	159-2	1632798	1629161	1645093	1635684	0.51	cps
Thallium	203-1	4663313	4603328	4545090	4603910	1.28	cps
Thallium	205-1	10950609	10960551	10824064	10911741	0.70	cps
Thorium	232-1	183	206	144	178	17.40	cps
Tin	118-1	1578283	1510609	1518885	1535925	2.40	cps
Titanium	47-1	149426	150068	146840	148778	1.15	cps
Uranium	238-1	17	50	17	28	69.27	cps
Vanadium	51-2	375694	375678	378337	376570	0.41	cps
Yttrium	89-1	3297887	3278452	3252129	3276156	0.70	cps
Yttrium	89-2	502466	505754	507879	505366	0.54	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01MS	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OMS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:33:04	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	37295	38377	39019	38230	2.28	cps
Zirconium	90-1	1092	958	1125	1058	8.33	cps
Zirconium	91-1	583	542	475	533	10.25	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3714-01MSD Instrumnet Name : P7
 Client Sample ID : 390703046.0-D1-H2OMS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:36:39 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	118760	118458	122169	119796	1.72	cps
Antimony	121-1	2068401	2061972	2054562	2061645	0.34	cps
Arsenic	75-1	665056	644523	660323	656634	1.64	cps
Barium	135-1	138106	138056	136214	137459	0.78	cps
Barium	137-1	242505	243404	240163	242024	0.69	cps
Beryllium	9-1	315810	314638	308727	313059	1.21	cps
Bismuth	209-1	1605869	1617823	1631136	1618276	0.78	cps
Bismuth	209-2	1079482	1095037	1106658	1093726	1.25	cps
Boron	10-1	93841	93891	94856	94196	0.61	cps
Boron	11-1	418193	422558	438699	426483	2.53	cps
Cadmium	111-1	148183	148405	147494	148027	0.32	cps
Cadmium	106-1	14500	14333	14483	14438	0.64	cps
Cadmium	108-1	9758	10000	10171	9976	2.08	cps
Calcium	43-1	20248	20114	20348	20237	0.58	cps
Calcium	44-1	311609	308069	311308	310329	0.63	cps
Chromium	52-2	608654	612921	615288	612288	0.55	cps
Cobalt	59-2	405098	410081	407192	407457	0.61	cps
Copper	63-2	359810	361619	360378	360602	0.26	cps
Dysprosium	156-1	158956	155686	158070	157571	1.07	cps
Dysprosium	156-2	57644	58133	58802	58193	1.00	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	33	75	17	42	72.11	cps
Gadolinium	160-2	63	87	70	73	16.39	cps
Holmium	165-1	3014516	3030615	3044430	3029853	0.49	cps
Holmium	165-2	1578303	1608452	1595172	1593976	0.95	cps
Indium	115-1	2162978	2188242	2184463	2178561	0.63	cps
Indium	115-2	493698	502578	506365	500880	1.30	cps
Iron	56-2	3616250	3619603	3601791	3612548	0.26	cps
Iron	57-2	83308	85358	85806	84824	1.57	cps
Krypton	83-1	130	167	127	141	15.73	cps
Lead	206-1	1962953	1972649	1983222	1972942	0.51	cps
Lead	207-1	1706646	1693727	1718467	1706280	0.73	cps
Lead	208-1	7742223	7768168	7822799	7777730	0.53	cps
Lithium	6-1	1953957	1951069	1948902	1951309	0.13	cps
Magnesium	24-2	304808	311178	309644	308543	1.08	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3714-01MSD Instrumnet Name : P7
 Client Sample ID : 390703046.0-D1-H2OMS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:36:39 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	171666	172532	173623	172607	0.57	cps
Molybdenum	94-1	390704	388283	383603	387530	0.93	cps
Molybdenum	95-1	681259	677660	677243	678720	0.33	cps
Molybdenum	96-1	729082	720189	715788	721686	0.94	cps
Molybdenum	97-1	426502	416357	414994	419284	1.50	cps
Molybdenum	98-1	1070461	1061049	1072615	1068042	0.58	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	254671	257628	254582	255627	0.68	cps
Phosphorus	31-2	22276	21258	21775	21769	2.34	cps
Potassium	39-2	1351468	1359776	1375176	1362140	0.88	cps
Rhodium	103-1	2408814	2388417	2412324	2403185	0.54	cps
Rhodium	103-2	1189364	1199890	1193490	1194248	0.44	cps
Scandium	45-1	2898251	2966632	2939321	2934734	1.17	cps
Scandium	45-2	142390	147105	145469	144988	1.65	cps
Selenium	77-2	7555	8056	7849	7820	3.21	cps
Selenium	78-2	25866	26407	26339	26204	1.13	cps
Selenium	82-1	149029	147817	149405	148750	0.56	cps
Silicon	28-1	4451924	4604061	4717677	4591221	2.90	cps
Silver	109-1	250526	251799	248958	250428	0.57	cps
Silver	107-1	260735	265493	261050	262426	1.01	cps
Sodium	23-2	949479	955515	960714	955236	0.59	cps
Strontium	86-1	228695	228865	223924	227161	1.23	cps
Strontium	88-1	1930460	1928435	1912144	1923680	0.52	cps
Sulfur	34-1	222722	220758	222023	221834	0.45	cps
Terbium	159-1	3068342	3108404	3106884	3094544	0.73	cps
Terbium	159-2	1604759	1633532	1631809	1623367	0.99	cps
Thallium	203-1	4724859	4679926	4806420	4737068	1.35	cps
Thallium	205-1	11142104	11130329	11188553	11153662	0.28	cps
Thorium	232-1	178	167	189	178	6.25	cps
Tin	118-1	1523553	1510645	1503381	1512526	0.68	cps
Titanium	47-1	149947	148137	149769	149284	0.67	cps
Uranium	238-1	33	42	25	33	25.01	cps
Vanadium	51-2	387126	389810	390760	389232	0.48	cps
Yttrium	89-1	3252688	3266329	3222642	3247220	0.69	cps
Yttrium	89-2	501808	511739	510392	507980	1.06	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01MSD	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OMS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:36:39	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	38534	39360	39333	39076	1.20	cps
Zirconium	90-1	1075	992	767	945	16.89	cps
Zirconium	91-1	625	500	525	550	12.03	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:54:09	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3477800	3511283	3477025	3488703	0.56	cps
Antimony	121-1	1244099	1225239	1248291	1239210	0.99	cps
Arsenic	75-1	416382	409884	419109	415125	1.14	cps
Barium	135-1	1752105	1731106	1761860	1748357	0.90	cps
Barium	137-1	3026163	2959960	3045174	3010433	1.49	cps
Beryllium	9-1	754894	739163	746417	746825	1.05	cps
Bismuth	209-1	1601021	1573376	1594386	1589594	0.91	cps
Bismuth	209-2	1047061	1072709	1060718	1060163	1.21	cps
Boron	10-1	134075	134813	138985	135958	1.95	cps
Boron	11-1	596627	604498	609530	603552	1.08	cps
Cadmium	111-1	373715	366174	372055	370648	1.07	cps
Cadmium	106-1	43669	42942	42799	43137	1.08	cps
Cadmium	108-1	30028	29159	29790	29659	1.51	cps
Calcium	43-1	4321065	4198366	4269883	4263105	1.45	cps
Calcium	44-1	67217137	66006897	66889641	66704558	0.94	cps
Chromium	52-2	752171	765322	761249	759581	0.89	cps
Cobalt	59-2	951189	971909	960875	961324	1.08	cps
Copper	63-2	1258082	1275052	1273720	1268951	0.74	cps
Dysprosium	156-1	50	17	50	39	49.48	cps
Dysprosium	156-2	50	43	33	42	19.87	cps
Erbium	164-1	33	17	0	17	99.99	cps
Erbium	164-2	23	13	13	17	34.65	cps
Gadolinium	160-1	50	33	58	47	26.97	cps
Gadolinium	160-2	60	77	73	70	12.60	cps
Holmium	165-1	3278938	3241816	3290627	3270461	0.78	cps
Holmium	165-2	1710274	1724848	1697217	1710780	0.81	cps
Indium	115-1	2261744	2224496	2246919	2244386	0.84	cps
Indium	115-2	516054	532767	521833	523551	1.62	cps
Iron	56-2	149928720	151017142	149028948	149991603	0.66	cps
Iron	57-2	3473008	3489877	3446543	3469810	0.63	cps
Krypton	83-1	130	133	173	146	16.57	cps
Lead	206-1	910703	886547	905734	900995	1.42	cps
Lead	207-1	825334	806310	817790	816478	1.17	cps
Lead	208-1	3711721	3651585	3700489	3687932	0.87	cps
Lithium	6-1	1925146	1902210	1905434	1910930	0.65	cps
Magnesium	24-2	37678909	37931224	37394265	37668133	0.71	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:54:09	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	846289	861558	857757	855201	0.93	cps
Molybdenum	94-1	4227316	4192969	4236569	4218951	0.54	cps
Molybdenum	95-1	5448763	5471781	5552137	5490894	0.99	cps
Molybdenum	96-1	5983962	5960534	6068674	6004390	0.95	cps
Molybdenum	97-1	3373958	3339521	3392209	3368563	0.79	cps
Molybdenum	98-1	8651598	8560333	8699762	8637231	0.82	cps
Neodymium	150-1	180	147	107	144	25.42	cps
Neodymium	150-2	27	43	57	42	35.60	cps
Nickel	60-2	237343	242049	239497	239630	0.98	cps
Phosphorus	31-2	37214	38384	37991	37863	1.57	cps
Potassium	39-2	17695771	17923860	17607593	17742408	0.92	cps
Rhodium	103-1	2354025	2329570	2381483	2355026	1.10	cps
Rhodium	103-2	1151571	1173336	1163376	1162761	0.94	cps
Scandium	45-1	3180088	3098374	3120901	3133121	1.35	cps
Scandium	45-2	155654	156237	155583	155824	0.23	cps
Selenium	77-2	1967	2004	2034	2001	1.67	cps
Selenium	78-2	6468	6672	6489	6543	1.72	cps
Selenium	82-1	35589	35296	35412	35433	0.42	cps
Silicon	28-1	2609043	2663243	2707705	2659997	1.86	cps
Silver	109-1	1688109	1671575	1704153	1687946	0.97	cps
Silver	107-1	1787577	1738623	1779979	1768726	1.49	cps
Sodium	23-2	76254445	76740789	75088614	76027950	1.12	cps
Strontium	86-1	560812	554932	563577	559774	0.79	cps
Strontium	88-1	4868770	4811689	4877268	4852576	0.73	cps
Sulfur	34-1	548993	540358	536754	542035	1.16	cps
Terbium	159-1	3310461	3289091	3360512	3320021	1.10	cps
Terbium	159-2	1729904	1747631	1731244	1736260	0.57	cps
Thallium	203-1	1126835	1091066	1122698	1113533	1.76	cps
Thallium	205-1	2737124	2694998	2750924	2727682	1.07	cps
Thorium	232-1	4571543	4470066	4542603	4528071	1.15	cps
Tin	118-1	1058606	1054878	1078101	1063861	1.17	cps
Titanium	47-1	2375011	2324049	2367120	2355393	1.16	cps
Uranium	238-1	4436081	4320381	4386600	4381021	1.33	cps
Vanadium	51-2	656060	658258	662314	658877	0.48	cps
Yttrium	89-1	3427876	3377545	3446144	3417188	1.04	cps
Yttrium	89-2	536959	543539	541255	540585	0.62	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:54:09	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	192244	193936	193875	193352	0.50	cps
Zirconium	90-1	3134850	3137472	3173985	3148769	0.69	cps
Zirconium	91-1	670172	668881	675755	671603	0.54	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : CCB83 Instrumnet Name : P7
 Client Sample ID : CCB83 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 14:57:51 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	133	158	133	18.75	cps
Antimony	121-1	817	908	892	872	5.60	cps
Arsenic	75-1	170	292	200	221	28.82	cps
Barium	135-1	133	58	42	78	62.78	cps
Barium	137-1	217	158	92	156	40.21	cps
Beryllium	9-1	140	103	127	123	15.04	cps
Bismuth	209-1	1594437	1617227	1627872	1613179	1.06	cps
Bismuth	209-2	1048197	1032509	1042365	1041024	0.76	cps
Boron	10-1	7377	6852	6385	6871	7.22	cps
Boron	11-1	34123	30306	29254	31228	8.20	cps
Cadmium	111-1	776	823	659	753	11.20	cps
Cadmium	106-1	1042	1150	900	1031	12.17	cps
Cadmium	108-1	17	4	0	7	124.88	cps
Calcium	43-1	417	292	167	292	42.86	cps
Calcium	44-1	14558	12656	12497	13237	8.66	cps
Chromium	52-2	453	453	480	462	3.33	cps
Cobalt	59-2	67	87	53	69	24.36	cps
Copper	63-2	380	334	311	342	10.27	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	25	50	25	33	43.30	cps
Gadolinium	160-2	33	43	50	42	19.87	cps
Holmium	165-1	2998129	3037869	3030865	3022288	0.70	cps
Holmium	165-2	1574125	1557665	1508309	1546700	2.21	cps
Indium	115-1	2205359	2220359	2236865	2220861	0.71	cps
Indium	115-2	503003	486571	485271	491615	2.01	cps
Iron	56-2	8014	7608	6941	7521	7.20	cps
Iron	57-2	333	250	172	252	31.99	cps
Krypton	83-1	137	127	150	138	8.50	cps
Lead	206-1	200	228	172	200	13.89	cps
Lead	207-1	178	228	139	181	24.56	cps
Lead	208-1	756	817	656	743	10.95	cps
Lithium	6-1	1837241	1848050	1842075	1842455	0.29	cps
Magnesium	24-2	1150	1192	1175	1172	1.79	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P7
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:57:51	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	60	47	54	12.74	cps
Molybdenum	94-1	1033	850	708	864	18.86	cps
Molybdenum	95-1	1500	1242	1158	1300	13.70	cps
Molybdenum	96-1	1734	1358	1225	1439	18.32	cps
Molybdenum	97-1	892	692	675	753	16.02	cps
Molybdenum	98-1	2317	1875	1642	1945	17.63	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	23	23	27	21.65	cps
Phosphorus	31-2	158	92	67	106	44.89	cps
Potassium	39-2	16994	17720	17227	17313	2.14	cps
Rhodium	103-1	2419343	2404425	2454278	2426015	1.05	cps
Rhodium	103-2	1164556	1126912	1137037	1142835	1.70	cps
Scandium	45-1	2904985	2933390	2946415	2928263	0.72	cps
Scandium	45-2	141574	136640	136186	138133	2.16	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	26	50	28	35	38.75	cps
Selenium	82-1	10	29	13	17	57.97	cps
Silicon	28-1	194775	187459	184767	189001	2.74	cps
Silver	109-1	217	125	108	150	38.89	cps
Silver	107-1	200	133	142	158	22.94	cps
Sodium	23-2	25523	24838	24738	25033	1.71	cps
Strontium	86-1	217	208	267	231	13.68	cps
Strontium	88-1	408	258	250	306	29.16	cps
Sulfur	34-1	234727	230175	232095	232333	0.98	cps
Terbium	159-1	3092180	3107389	3112360	3103976	0.34	cps
Terbium	159-2	1600109	1606323	1595622	1600685	0.34	cps
Thallium	203-1	358	300	308	322	9.79	cps
Thallium	205-1	1092	842	650	861	25.72	cps
Thorium	232-1	1306	1200	922	1143	17.33	cps
Tin	118-1	433	358	350	381	12.06	cps
Titanium	47-1	217	258	175	217	19.23	cps
Uranium	238-1	358	192	242	264	32.41	cps
Vanadium	51-2	17	20	17	18	10.81	cps
Yttrium	89-1	3170782	3223740	3250043	3214855	1.26	cps
Yttrium	89-2	495075	484392	479979	486482	1.60	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P7
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 14:57:51	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67	80	80	76	10.19	cps
Zirconium	90-1	633	575	483	564	13.41	cps
Zirconium	91-1	117	100	133	117	14.28	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3714-01A Instrumnet Name : P7
 Client Sample ID : 390703046.0-D1-H2OA Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 15:03:52 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123246	121641	122137	122341	0.67	cps
Antimony	121-1	2099198	2106376	2125189	2110254	0.64	cps
Arsenic	75-1	662067	660741	654112	658973	0.65	cps
Barium	135-1	137677	137342	136508	137175	0.44	cps
Barium	137-1	243428	240046	240704	241393	0.74	cps
Beryllium	9-1	312395	310233	313485	312038	0.53	cps
Bismuth	209-1	1620411	1617310	1604106	1613942	0.54	cps
Bismuth	209-2	1087325	1088803	1096503	1090877	0.45	cps
Boron	10-1	83673	85803	88232	85903	2.66	cps
Boron	11-1	373417	393335	398594	388449	3.42	cps
Cadmium	111-1	146181	144684	147946	146270	1.12	cps
Cadmium	106-1	13924	13524	14425	13957	3.23	cps
Cadmium	108-1	10116	10087	10004	10069	0.58	cps
Calcium	43-1	20465	20139	20690	20431	1.35	cps
Calcium	44-1	312765	314337	312356	313153	0.33	cps
Chromium	52-2	614384	620646	615152	616727	0.55	cps
Cobalt	59-2	409519	407006	410340	408955	0.42	cps
Copper	63-2	361698	360783	363944	362142	0.45	cps
Dysprosium	156-1	157361	157007	158435	157601	0.47	cps
Dysprosium	156-2	59984	59227	59873	59695	0.68	cps
Erbium	164-1	33	8	42	28	62.46	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	125	67	75	89	35.50	cps
Gadolinium	160-2	80	73	50	68	23.24	cps
Holmium	165-1	3041408	3085440	3061132	3062660	0.72	cps
Holmium	165-2	1630488	1606674	1613982	1617048	0.75	cps
Indium	115-1	2227127	2262143	2200629	2229966	1.38	cps
Indium	115-2	513241	509877	514422	512513	0.46	cps
Iron	56-2	3650345	3632745	3648402	3643831	0.26	cps
Iron	57-2	86236	87046	85638	86306	0.82	cps
Krypton	83-1	163	173	120	152	18.63	cps
Lead	206-1	1942962	1956328	1969841	1956377	0.69	cps
Lead	207-1	1669609	1686204	1707510	1687774	1.13	cps
Lead	208-1	7615987	7662259	7750448	7676231	0.89	cps
Lithium	6-1	1965829	1981302	1957503	1968211	0.61	cps
Magnesium	24-2	310563	307946	311527	310012	0.60	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01A	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:03:52	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173422	174704	174218	174114	0.37	cps
Molybdenum	94-1	392926	393992	391620	392846	0.30	cps
Molybdenum	95-1	695633	684071	694124	691276	0.91	cps
Molybdenum	96-1	736719	721193	736793	731568	1.23	cps
Molybdenum	97-1	427621	425224	428324	427056	0.38	cps
Molybdenum	98-1	1086042	1083092	1087042	1085392	0.19	cps
Neodymium	150-1	40	13	53	36	57.29	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	255823	256503	258116	256814	0.46	cps
Phosphorus	31-2	22509	21817	21858	22061	1.76	cps
Potassium	39-2	1376651	1387360	1385326	1383112	0.41	cps
Rhodium	103-1	2479849	2472826	2447777	2466817	0.68	cps
Rhodium	103-2	1212815	1203162	1217252	1211076	0.59	cps
Scandium	45-1	3010576	3013095	2969763	2997811	0.81	cps
Scandium	45-2	149738	147000	150936	149225	1.35	cps
Selenium	77-2	7519	7612	8022	7718	3.47	cps
Selenium	78-2	26315	26287	26485	26362	0.41	cps
Selenium	82-1	148103	146960	147112	147391	0.42	cps
Silicon	28-1	4359551	4578927	4653471	4530650	3.37	cps
Silver	109-1	251127	248029	252552	250569	0.92	cps
Silver	107-1	267242	264216	265280	265580	0.58	cps
Sodium	23-2	956995	959104	946366	954155	0.72	cps
Strontium	86-1	231905	225266	225969	227713	1.60	cps
Strontium	88-1	1896877	1914862	1933161	1914966	0.95	cps
Sulfur	34-1	230454	224472	222147	225691	1.90	cps
Terbium	159-1	3145287	3172002	3078772	3132020	1.53	cps
Terbium	159-2	1667014	1629253	1639906	1645391	1.18	cps
Thallium	203-1	4683928	4612359	4706678	4667655	1.05	cps
Thallium	205-1	10907912	10983413	11259475	11050266	1.67	cps
Thorium	232-1	483	467	417	456	7.62	cps
Tin	118-1	1538068	1536868	1588165	1554367	1.88	cps
Titanium	47-1	152774	151268	150182	151408	0.86	cps
Uranium	238-1	33	42	42	39	12.38	cps
Vanadium	51-2	394973	389733	394811	393172	0.76	cps
Yttrium	89-1	3292893	3306210	3277149	3292084	0.44	cps
Yttrium	89-2	521507	518922	521942	520790	0.31	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3714-01A	Instrumnet Name :	P7
Client Sample ID :	390703046.0-D1-H2OA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:03:52	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	38818	38882	39671	39124	1.21	cps
Zirconium	90-1	1583	1608	1317	1503	10.76	cps
Zirconium	91-1	733	558	658	650	13.51	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3713-01RE Instrumnet Name : P7
 Client Sample ID : 390627045.2-KITCHENR Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 15:07:28 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	217	258	250	12.02	cps
Antimony	121-1	567	558	333	486	27.23	cps
Arsenic	75-1	496	499	560	518	7.00	cps
Barium	135-1	433	458	417	436	4.81	cps
Barium	137-1	850	800	733	795	7.37	cps
Beryllium	9-1	90	73	103	89	16.92	cps
Bismuth	209-1	1506554	1544264	1540416	1530411	1.36	cps
Bismuth	209-2	1009198	1028842	1027121	1021721	1.06	cps
Boron	10-1	880537	897930	913030	897166	1.81	cps
Boron	11-1	4174165	4297852	4375676	4282564	2.37	cps
Cadmium	111-1	939	653	847	813	17.92	cps
Cadmium	106-1	1317	917	1192	1142	17.92	cps
Cadmium	108-1	29	25	42	32	27.15	cps
Calcium	43-1	30365	30650	30908	30641	0.89	cps
Calcium	44-1	505014	497584	505763	502787	0.90	cps
Chromium	52-2	723	697	700	707	2.06	cps
Cobalt	59-2	20	23	30	24	20.83	cps
Copper	63-2	2736	2807	3019	2854	5.16	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	13	10	0	8	89.21	cps
Gadolinium	160-1	50	25	8	28	75.51	cps
Gadolinium	160-2	57	57	60	58	3.33	cps
Holmium	165-1	3121247	3176248	3200357	3165951	1.28	cps
Holmium	165-2	1686367	1670966	1664289	1673874	0.68	cps
Indium	115-1	2217621	2241845	2246326	2235264	0.69	cps
Indium	115-2	511712	520783	516322	516272	0.88	cps
Iron	56-2	11822	12139	11894	11951	1.39	cps
Iron	57-2	589	594	622	602	2.97	cps
Krypton	83-1	143	130	110	128	13.13	cps
Lead	206-1	694	617	572	628	9.85	cps
Lead	207-1	500	550	467	506	8.30	cps
Lead	208-1	2395	2383	2283	2354	2.60	cps
Lithium	6-1	1888860	1911493	1886528	1895627	0.73	cps
Magnesium	24-2	35860	36779	36270	36303	1.27	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : K3713-01RE Instrumnet Name : P7
 Client Sample ID : 390627045.2-KITCHENR Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 15:07:28 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3681	3974	3724	3793	4.18	cps
Molybdenum	94-1	33014	34501	32814	33443	2.76	cps
Molybdenum	95-1	57408	57015	57717	57380	0.61	cps
Molybdenum	96-1	61333	60730	61718	61260	0.81	cps
Molybdenum	97-1	34610	35520	34751	34961	1.40	cps
Molybdenum	98-1	88658	91686	89992	90112	1.68	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	613	870	683	722	18.37	cps
Phosphorus	31-2	83	183	108	125	41.63	cps
Potassium	39-2	59545	59905	60926	60126	1.19	cps
Rhodium	103-1	2317637	2376613	2360357	2351535	1.30	cps
Rhodium	103-2	1153504	1171674	1161760	1162313	0.78	cps
Scandium	45-1	3030441	3040410	3059554	3043469	0.49	cps
Scandium	45-2	151701	151852	153314	152289	0.59	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	50	46	43	46	8.00	cps
Selenium	82-1	58	82	86	76	20.37	cps
Silicon	28-1	17701733	17985123	17810740	17832532	0.80	cps
Silver	109-1	33	67	83	61	41.67	cps
Silver	107-1	58	58	75	64	15.05	cps
Sodium	23-2	178607654	178786404	180181329	179191796	0.48	cps
Strontium	86-1	90593	91205	92355	91384	0.98	cps
Strontium	88-1	757792	758826	757541	758053	0.09	cps
Sulfur	34-1	12429628	12656280	12726688	12604199	1.23	cps
Terbium	159-1	3199819	3212422	3204246	3205496	0.20	cps
Terbium	159-2	1684842	1699179	1707476	1697166	0.67	cps
Thallium	203-1	850	642	650	714	16.52	cps
Thallium	205-1	1784	1183	1342	1436	21.65	cps
Thorium	232-1	139	206	183	176	19.30	cps
Tin	118-1	500	375	442	439	14.25	cps
Titanium	47-1	375	333	425	378	12.15	cps
Uranium	238-1	10380	9854	9671	9968	3.69	cps
Vanadium	51-2	637	710	737	694	7.46	cps
Yttrium	89-1	3327420	3375060	3395542	3366007	1.04	cps
Yttrium	89-2	524562	533453	534278	530764	1.01	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	K3713-01RE	Instrumnet Name :	P7
Client Sample ID :	390627045.2-KITCHENR	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:07:28	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6288	6221	6178	6229	0.89	cps
Zirconium	90-1	383	350	308	347	10.82	cps
Zirconium	91-1	92	83	75	83	10.00	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:48:43	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3706503	3675481	3724991	3702325	0.68	cps
Antimony	121-1	1314987	1317958	1317393	1316779	0.12	cps
Arsenic	75-1	433674	427128	432980	431260	0.83	cps
Barium	135-1	1891382	1885469	1885132	1887328	0.19	cps
Barium	137-1	3264125	3263902	3250517	3259515	0.24	cps
Beryllium	9-1	823777	816321	816936	819011	0.51	cps
Bismuth	209-1	1704880	1700517	1677748	1694382	0.86	cps
Bismuth	209-2	1071537	1029840	997086	1032821	3.61	cps
Boron	10-1	146402	146682	146253	146446	0.15	cps
Boron	11-1	656904	651152	666228	658095	1.16	cps
Cadmium	111-1	373555	368819	371180	371185	0.64	cps
Cadmium	106-1	44203	44387	44713	44435	0.58	cps
Cadmium	108-1	29564	30065	29790	29807	0.84	cps
Calcium	43-1	4587134	4580417	4513738	4560430	0.89	cps
Calcium	44-1	72723964	72118618	71509968	72117517	0.84	cps
Chromium	52-2	797551	798263	824740	806851	1.92	cps
Cobalt	59-2	1011625	1013289	1032061	1018992	1.11	cps
Copper	63-2	1242404	1252920	1281043	1258789	1.59	cps
Dysprosium	156-1	67	33	50	50	33.34	cps
Dysprosium	156-2	77	67	53	66	17.86	cps
Erbium	164-1	0	8	33	14	124.91	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	17	25	17	19	24.73	cps
Gadolinium	160-2	70	73	67	70	4.76	cps
Holmium	165-1	3566789	3596721	3539340	3567617	0.80	cps
Holmium	165-2	1785331	1769876	1604282	1719830	5.84	cps
Indium	115-1	2400989	2403712	2382897	2395866	0.47	cps
Indium	115-2	529393	537111	486916	517806	5.22	cps
Iron	56-2	159602737	158521704	161313659	159812700	0.88	cps
Iron	57-2	3675680	3661559	3756991	3698076	1.39	cps
Krypton	83-1	130	130	133	131	1.47	cps
Lead	206-1	964487	966169	965306	965321	0.09	cps
Lead	207-1	874449	869839	877267	873852	0.43	cps
Lead	208-1	3948345	3960853	3952709	3953969	0.16	cps
Lithium	6-1	2141973	2112492	2084519	2112995	1.36	cps
Magnesium	24-2	40182618	40022217	40351289	40185375	0.41	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:48:43	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	905245	907734	933562	915514	1.71	cps
Molybdenum	94-1	3485866	3488108	3478193	3484056	0.15	cps
Molybdenum	95-1	4082176	4031565	4067538	4060426	0.64	cps
Molybdenum	96-1	4517201	4476360	4468836	4487466	0.58	cps
Molybdenum	97-1	2467647	2489053	2460409	2472370	0.60	cps
Molybdenum	98-1	6390648	6374604	6299393	6354882	0.77	cps
Neodymium	150-1	133	160	213	169	24.12	cps
Neodymium	150-2	10	33	40	28	56.71	cps
Nickel	60-2	248683	250859	258532	252691	2.05	cps
Phosphorus	31-2	38952	38994	40389	39445	2.07	cps
Potassium	39-2	18422005	18568965	18641797	18544256	0.60	cps
Rhodium	103-1	2507197	2522548	2485414	2505053	0.74	cps
Rhodium	103-2	1189059	1141075	1097930	1142688	3.99	cps
Scandium	45-1	3401775	3336179	3330570	3356175	1.18	cps
Scandium	45-2	159056	161131	143746	154644	6.14	cps
Selenium	77-2	1800	1957	1903	1887	4.22	cps
Selenium	78-2	6750	6652	6994	6799	2.60	cps
Selenium	82-1	36581	36530	37114	36742	0.88	cps
Silicon	28-1	2915292	2993151	3034557	2981000	2.03	cps
Silver	109-1	1716665	1721365	1720561	1719530	0.15	cps
Silver	107-1	1814899	1792061	1801016	1802659	0.64	cps
Sodium	23-2	80118806	79913260	81209348	80413805	0.87	cps
Strontium	86-1	598920	599604	598293	598939	0.11	cps
Strontium	88-1	5231989	5214810	5234023	5226941	0.20	cps
Sulfur	34-1	582516	573791	573496	576601	0.89	cps
Terbium	159-1	3595337	3608644	3549123	3584368	0.87	cps
Terbium	159-2	1808950	1780747	1609197	1732965	6.24	cps
Thallium	203-1	1194535	1196621	1185352	1192169	0.50	cps
Thallium	205-1	2985197	2960668	2961670	2969179	0.47	cps
Thorium	232-1	4912273	4861140	4822255	4865222	0.93	cps
Tin	118-1	1135415	1133026	1122993	1130478	0.58	cps
Titanium	47-1	1673309	1653521	1658533	1661788	0.62	cps
Uranium	238-1	4827843	4802150	4676705	4768899	1.70	cps
Vanadium	51-2	692614	695669	709948	699410	1.32	cps
Yttrium	89-1	3670062	3677316	3636705	3661361	0.59	cps
Yttrium	89-2	553557	554427	508620	538868	4.86	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:48:43	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	189880	193346	197411	193546	1.95	cps
Zirconium	90-1	3370214	3409044	3384173	3387810	0.58	cps
Zirconium	91-1	720352	721539	717940	719943	0.25	cps

LB Number : LB103888 Operator : Jaswal
 Lab Sample ID : CCB84 Instrumnet Name : P7
 Client Sample ID : CCB84 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-10 15:52:26 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	300	250	236	30.43	cps
Antimony	121-1	1125	1017	1075	1072	5.06	cps
Arsenic	75-1	407	424	35	289	76.06	cps
Barium	135-1	408	258	250	306	29.16	cps
Barium	137-1	692	483	400	525	28.62	cps
Beryllium	9-1	207	260	157	208	24.87	cps
Bismuth	209-1	1900011	1899921	1911575	1903836	0.35	cps
Bismuth	209-2	1245497	1234697	1260347	1246847	1.03	cps
Boron	10-1	6327	6435	6160	6307	2.20	cps
Boron	11-1	29981	28052	26866	28300	5.55	cps
Cadmium	111-1	982	1020	1004	1002	1.88	cps
Cadmium	106-1	1308	1383	1367	1353	2.91	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	842	767	608	739	16.12	cps
Calcium	44-1	23603	19706	17636	20315	14.91	cps
Chromium	52-2	637	483	567	562	13.65	cps
Cobalt	59-2	93	117	67	92	27.13	cps
Copper	63-2	443	356	390	396	10.99	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	37	50	60	49	23.94	cps
Holmium	165-1	3550387	3577339	3608728	3578818	0.82	cps
Holmium	165-2	1875125	1865601	1867050	1869259	0.27	cps
Indium	115-1	2576107	2601239	2622775	2600040	0.90	cps
Indium	115-2	590159	591644	600948	594250	0.98	cps
Iron	56-2	13495	11716	9687	11633	16.38	cps
Iron	57-2	478	339	272	363	28.89	cps
Krypton	83-1	123	123	110	119	6.48	cps
Lead	206-1	339	289	261	296	13.30	cps
Lead	207-1	244	250	167	220	21.14	cps
Lead	208-1	1289	1089	911	1096	17.24	cps
Lithium	6-1	2154838	2150471	2167957	2157755	0.42	cps
Magnesium	24-2	2342	2117	1692	2050	16.10	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:52:26	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	90	67	74	18.09	cps
Molybdenum	94-1	1075	1283	950	1103	15.27	cps
Molybdenum	95-1	1592	1700	1192	1495	17.92	cps
Molybdenum	96-1	1734	1475	1308	1506	14.22	cps
Molybdenum	97-1	1158	883	608	883	31.13	cps
Molybdenum	98-1	2592	2092	1667	2117	21.88	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	40	37	37	38	5.09	cps
Phosphorus	31-2	92	142	125	119	21.31	cps
Potassium	39-2	17728	17202	17019	17316	2.13	cps
Rhodium	103-1	2811811	2829427	2876788	2839342	1.18	cps
Rhodium	103-2	1381357	1372325	1387125	1380269	0.54	cps
Scandium	45-1	3407203	3459368	3447694	3438088	0.80	cps
Scandium	45-2	167450	163719	168658	166609	1.55	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	37	72	31	47	47.09	cps
Selenium	82-1	11	35	41	29	53.88	cps
Silicon	28-1	192277	185915	184355	187516	2.24	cps
Silver	109-1	367	225	283	292	24.41	cps
Silver	107-1	442	342	192	325	38.72	cps
Sodium	23-2	28219	27175	26440	27278	3.28	cps
Strontium	86-1	367	283	300	317	13.93	cps
Strontium	88-1	1225	825	775	942	26.19	cps
Sulfur	34-1	239773	240035	241433	240414	0.37	cps
Terbium	159-1	3645378	3664747	3679676	3663267	0.47	cps
Terbium	159-2	1916110	1904077	1905395	1908528	0.35	cps
Thallium	203-1	500	417	433	450	9.80	cps
Thallium	205-1	1000	933	742	892	15.04	cps
Thorium	232-1	1789	1489	1483	1587	11.02	cps
Tin	118-1	650	525	458	544	17.87	cps
Titanium	47-1	475	392	275	381	26.40	cps
Uranium	238-1	900	825	567	764	22.89	cps
Vanadium	51-2	37	27	17	27	37.50	cps
Yttrium	89-1	3741442	3802914	3796175	3780177	0.89	cps
Yttrium	89-2	586579	581198	592343	586707	0.95	cps

LB Number :	LB103888	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2019-07-10 15:52:26	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	103	87	93	94	8.88	cps
Zirconium	90-1	1125	900	775	933	19.00	cps
Zirconium	91-1	233	150	142	175	28.96	cps