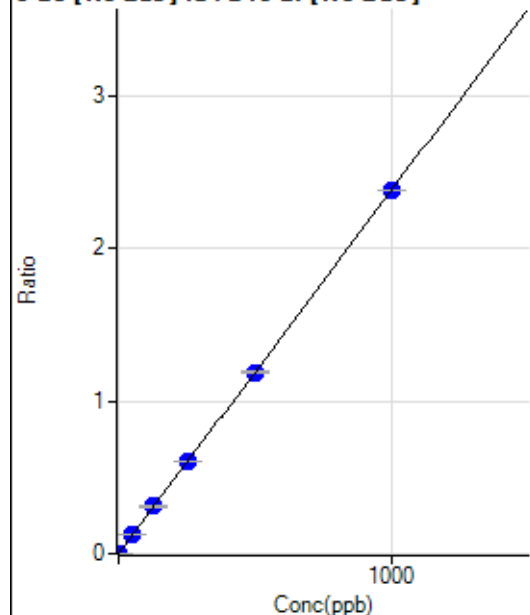


Batch Folder: D:\ICP-MS Data\P711072019MS.b\
Analysis File: P711072019MS.batch.bin
DA Date-Time: 2019-11-07 17:59:49
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-11-07 14:59:16
2	004CALS.d	S01	2019-11-07 15:02:50
3	005CALS.d	S02	2019-11-07 15:06:48
4	006CALS.d	S03	2019-11-07 15:10:42
5	007CALS.d	S04	2019-11-07 15:14:37
6	008CALS.d	S05	2019-11-07 15:18:30
7	009CALS.d	S06	2019-11-07 15:22:20
8	010CALS.d	S07	2019-11-07 15:26:09
9	011CALS.d	S08	2019-11-07 15:29:54

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0001	P	44.2
2	☐	0.100	0.092	198.16	0.0003	P	30.2
3	☐	1.000	1.075	1790.90	0.0026	P	8.4
4	☐	50.000	50.988	82443.87	0.1215	P	2.6
5	☐	125.000	129.662	208721.67	0.3088	P	3.0
6	☐	250.000	254.935	418382.00	0.6072	P	0.4
7	☐	500.000	499.796	823540.55	1.1903	P	0.6
8	☐	1000.000	998.236	1675558.85	2.3773	P	0.1
9	☐			270.38	0.0004	P	4.6

$$y = 0.0024 * x + 7.3806E-005$$

$$R = 1.0000$$

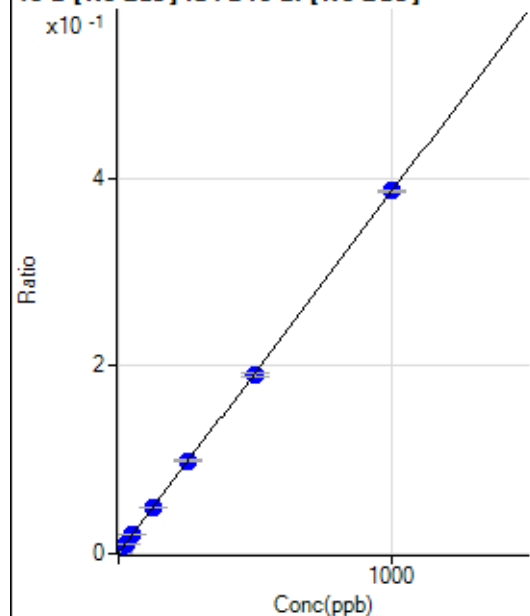
$$DL = 0.04109$$

$$BEC = 0.03099$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	433.36	0.0006	P	6.8
2	☐	2.500	3.020	1219.55	0.0018	P	9.4
3	☐	25.000	23.873	6685.10	0.0098	P	5.6
4	☐	50.000	51.385	13848.44	0.0204	P	5.2
5	☐	125.000	126.769	33407.23	0.0494	P	3.0
6	☐	250.000	254.464	67928.33	0.0986	P	1.7
7	☐	500.000	492.590	131613.92	0.1902	P	1.8
8	☐	1000.000	1002.325	272355.56	0.3864	P	0.4
9	☐			13297.98	0.0195	P	6.1

$$y = 3.8488E-004 * x + 6.4023E-004$$

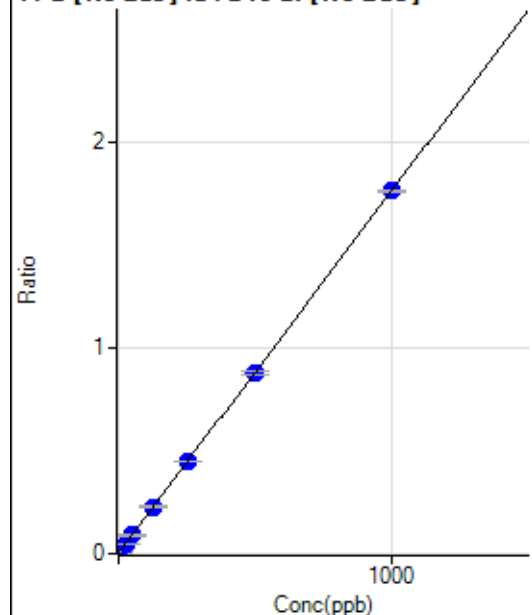
$$R = 0.9999$$

$$DL = 0.3386$$

$$BEC = 1.663$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1833.52	0.0027	P	12.8
2	☐	2.500	2.769	5128.85	0.0076	P	2.8
3	☐	25.000	24.897	31625.58	0.0465	P	0.9
4	☐	50.000	50.217	61760.58	0.0910	P	5.2
5	☐	125.000	127.679	153553.55	0.2273	P	4.5
6	☐	250.000	252.350	307709.39	0.4466	P	0.7
7	☐	500.000	497.737	607565.39	0.8781	P	1.2
8	☐	1000.000	1000.200	1241798.78	1.7619	P	0.8
9	☐			59538.13	0.0872	P	7.2

$$y = 0.0018 * x + 0.0027$$

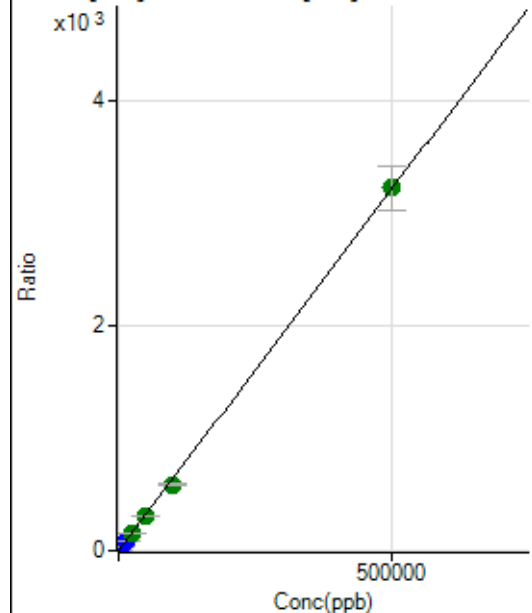
$$R = 1.0000$$

$$DL = 0.5892$$

$$BEC = 1.54$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3533.90	0.1014	P	9.1
2	☐	50.000	50.612	14641.03	0.4272	P	2.2
3	☐	500.000	510.869	114669.75	3.3899	P	1.7
4	☐	5000.000	5010.669	1101218.77	32.3559	P	2.8
5	☐	12500.000	12106.957	2769322.33	78.0359	P	0.8
6	☐	25000.000	24284.406	5565617.05	156.4242	A	1.4
7	☐	50000.000	47346.435	11138821.60	304.8784	A	1.1
8	☐	100000.00	91606.347	23244000.00	589.7870	A	2.1
9	☐	500000.00	501989.57	127652348.6	3,231.493	A	12.2

$$y = 0.0064 * x + 0.1014$$

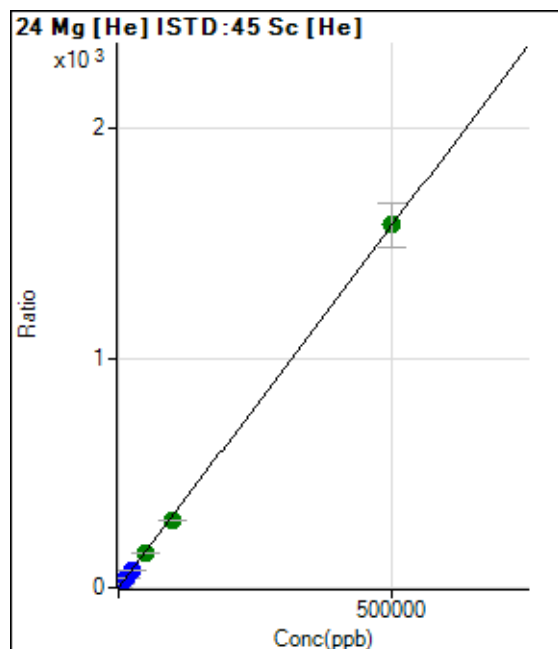
$$R = 0.9998$$

$$DL = 4.322$$

$$BEC = 15.75$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0039	P	32.9
2	☐	50.000	54.215	5993.12	0.1749	P	4.3
3	☐	500.000	553.049	59137.08	1.7480	P	1.7
4	☐	5000.000	5085.320	545985.50	16.0412	P	2.5
5	☐	12500.000	12314.340	1378319.58	38.8390	P	1.4
6	☐	25000.000	24541.602	2753953.14	77.3994	P	0.9
7	☐	50000.000	48370.895	5573573.91	152.5486	A	0.8
8	☐	100000.00	92850.789	11540887.76	292.8224	A	1.7
9	☐	500000.00	501619.40	62472017.37	1,581.933	A	12.5

$$y = 0.0032 * x + 0.0039$$

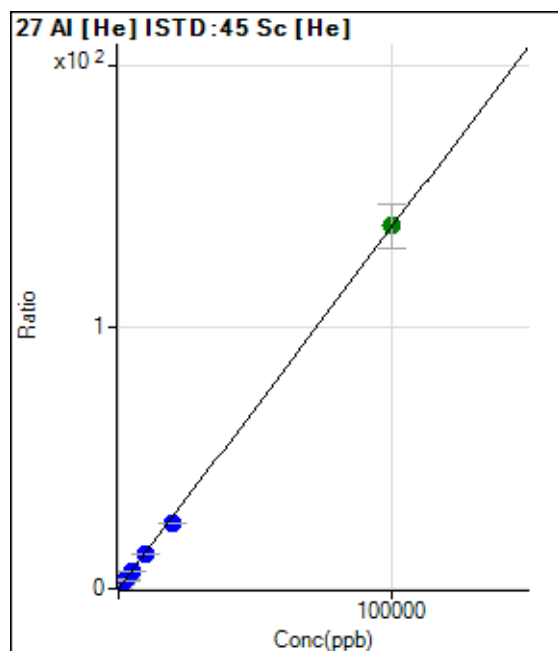
$$R = 0.9999$$

$$DL = 1.221$$

$$BEC = 1.235$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0006	P	44.1
2	☐	2.000	2.305	130.56	0.0038	P	30.8
3	☐	20.000	19.743	944.51	0.0279	P	5.9
4	☐	1000.000	1000.434	47108.58	1.3833	P	2.3
5	☐	2500.000	2405.771	118017.02	3.3256	P	1.5
6	☐	5000.000	4820.553	237078.52	6.6630	P	0.7
7	☐	10000.000	9493.172	479376.79	13.1209	P	1.1
8	☐	20000.000	18032.588	982358.31	24.9230	P	1.1
9	☐	100000.00	100455.48	5484739.01	138.8377	A	12.1

$$y = 0.0014 * x + 6.3867E-004$$

$$R = 0.9998$$

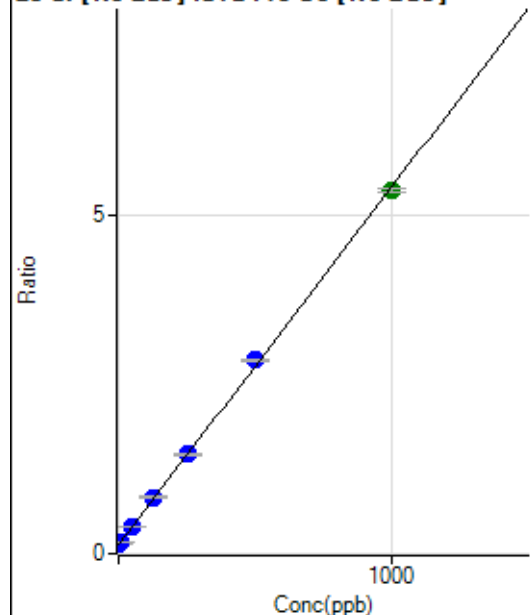
$$DL = 0.6118$$

$$BEC = 0.4621$$

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	125831.63	0.1292	P	0.4
2	☐	1.000	0.708	127618.35	0.1329	P	0.1
3	☐	10.000	6.979	159258.56	0.1661	P	1.3
4	☐	50.000	52.417	389844.33	0.4065	P	2.9
5	☐	125.000	133.011	805856.58	0.8330	P	3.6
6	☐	250.000	253.593	1479909.38	1.4711	P	1.0
7	☐	500.000	516.494	2864727.93	2.8622	P	0.6
8	☐	1000.000	989.763	5583770.61	5.3665	A	0.9
9	☐			617646.32	0.6051	P	0.7

$$y = 0.0053 * x + 0.1292$$

$$R = 0.9998$$

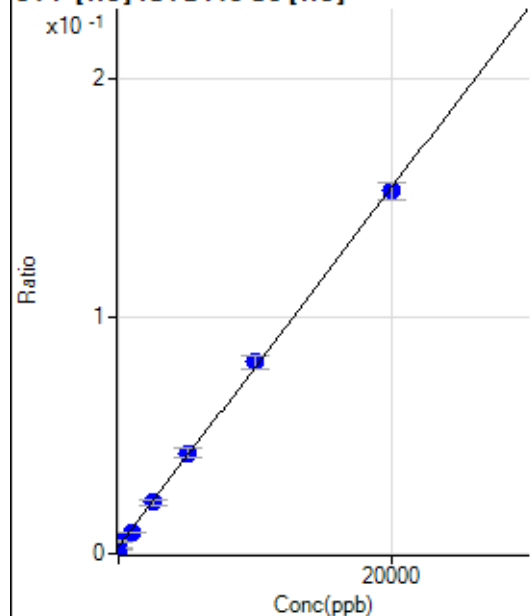
$$DL = 0.3216$$

$$BEC = 24.41$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-191.349	55.56	0.0016	P	22.6
2	☐	0.000	-79.814	83.34	0.0024	P	30.5
3	☐	0.000	271.162	172.23	0.0051	P	19.1
4	☐	1000.000	763.411	300.01	0.0088	P	2.4
5	☐	2500.000	2456.725	766.72	0.0216	P	9.6
6	☐	5000.000	5207.988	1508.47	0.0424	P	8.6
7	☐	10000.000	10289.492	2953.22	0.0808	P	7.4
8	☐	20000.000	19820.496	6020.89	0.1528	P	5.1
9	☐			97.22	0.0025	P	15.1

$$y = 7.5569E-006 * x + 0.0030$$

$$R = 0.9995$$

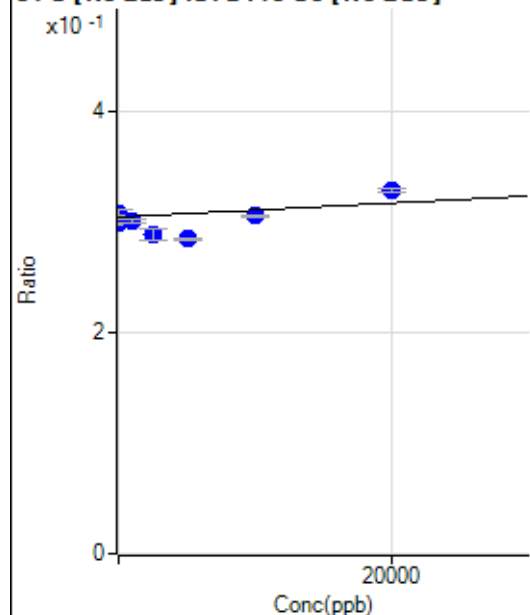
$$DL = 274.4$$

$$BEC = 402.1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-9342.675	290213.42	0.2979	P	0.9
2	☐	0.000	3014.606	293576.77	0.3058	P	0.7
3	☐	0.000	6328.070	295191.96	0.3079	P	2.0
4	☐	1000.000	-6402.240	287540.95	0.2998	P	1.0
5	☐	2500.000	-24179.19	279089.33	0.2885	P	3.7
6	☐	5000.000	-31509.04	285547.92	0.2838	P	0.8
7	☐	10000.000	1278.934	304925.47	0.3047	P	0.6
8	☐	20000.000	37192.805	340721.63	0.3275	P	1.0
9	☐			289347.17	0.2835	P	0.3

$$y = 6.3501\text{E-}007 * x + 0.3039$$

$$R = 0.6258$$

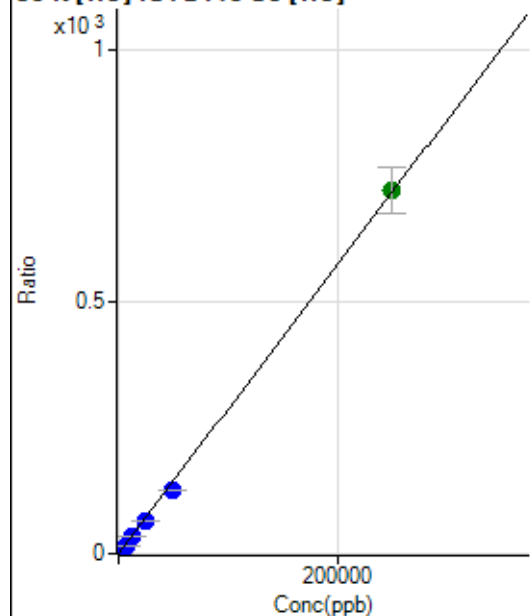
$$DL = 1.73\text{E}+04$$

$$BEC = 4.785\text{E}+05$$

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	11235.25	0.3221	P	3.4
2	☐	50.000	51.128	16059.27	0.4685	P	2.4
3	☐	500.000	497.766	59124.15	1.7477	P	1.3
4	☐	2500.000	2378.142	242764.31	7.1329	P	2.8
5	☐	6250.000	5798.205	600721.56	16.9275	P	1.1
6	☐	12500.000	11582.164	1191682.73	33.4922	P	1.0
7	☐	25000.000	22501.871	2366355.87	64.7650	P	0.3
8	☐	50000.000	43506.814	4924028.06	124.9209	P	0.8
9	☐	250000.00	251606.86	28467644.73	720.8966	A	12.6

$$y = 0.0029 * x + 0.3221$$

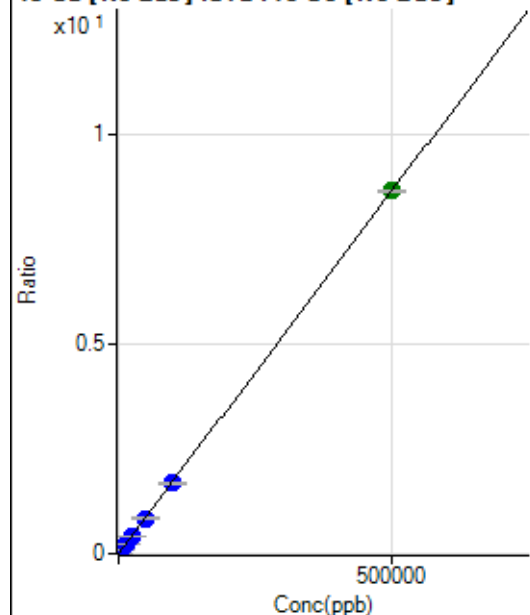
$$R = 0.9996$$

$$DL = 11.51$$

$$BEC = 112.5$$

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	83.34	0.0001	P	40.0
2	☐	50.000	57.582	1036.19	0.0011	P	3.4
3	☐	500.000	512.326	8558.39	0.0089	P	6.3
4	☐	5000.000	5035.235	83388.42	0.0870	P	3.5
5	☐	12500.000	12628.987	210867.70	0.2180	P	4.1
6	☐	25000.000	24770.431	430060.33	0.4275	P	1.3
7	☐	50000.000	49079.860	847693.26	0.8470	P	0.6
8	☐	100000.00	97216.797	1745425.10	1.6776	P	1.6
9	☐	500000.00	500656.54	8818367.56	8.6389	A	0.5

$$y = 1.7255E-005 * x + 8.5569E-005$$

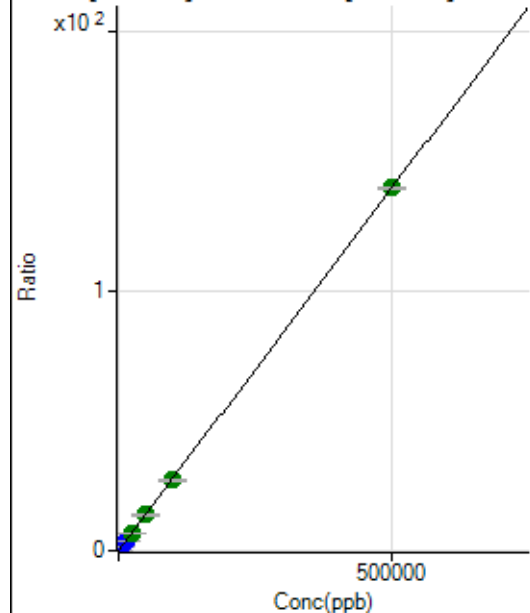
$$R = 1.0000$$

$$DL = 5.951$$

$$BEC = 4.959$$

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	3197.72	0.0033	P	8.2
2	☐	50.000	58.101	18712.51	0.0195	P	2.7
3	☐	500.000	517.178	141473.33	0.1475	P	1.2
4	☐	5000.000	5081.029	1362446.79	1.4205	P	1.8
5	☐	12500.000	12685.155	3426088.70	3.5416	P	3.7
6	☐	25000.000	24532.618	6887327.76	6.8462	A	0.2
7	☐	50000.000	49099.755	13710511.59	13.6988	A	1.0
8	☐	100000.00	96998.548	28154517.99	27.0594	A	0.9
9	☐	500000.00	500708.22	142568028.1	139.6673	A	0.7

$$y = 2.7893E-004 * x + 0.0033$$

$$R = 1.0000$$

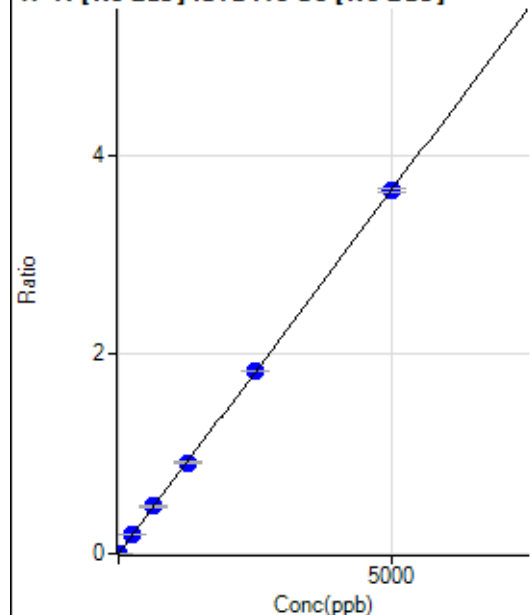
$$DL = 2.888$$

$$BEC = 11.77$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.34	0.0000	P	65.9
2	☐	0.500	0.650	488.92	0.0005	P	4.5
3	☐	5.000	5.772	4075.73	0.0042	P	6.9
4	☐	250.000	255.707	179159.24	0.1868	P	2.3
5	☐	625.000	650.559	459689.28	0.4752	P	3.6
6	☐	1250.000	1255.798	922737.29	0.9172	P	0.4
7	☐	2500.000	2508.269	1833579.49	1.8320	P	0.4
8	☐	5000.000	4990.935	3792744.92	3.6452	P	1.2
9	☐			1739.06	0.0017	P	8.0

$$y = 7.3037\text{E-}004 * x + 3.4191\text{E-}005$$

$$R = 1.0000$$

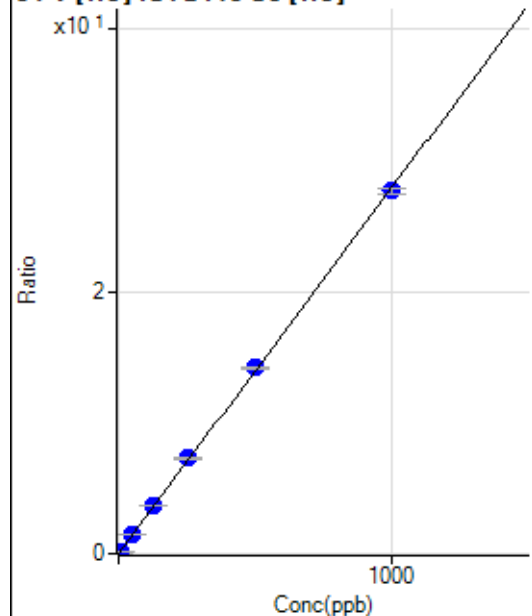
$$DL = 0.09252$$

$$BEC = 0.04681$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0001	P	100.4
2	☐	0.500	0.595	572.24	0.0167	P	3.5
3	☐	5.000	5.908	5576.70	0.1649	P	1.0
4	☐	50.000	53.099	50391.49	1.4810	P	4.0
5	☐	125.000	130.114	128782.28	3.6289	P	0.8
6	☐	250.000	261.282	259272.05	7.2871	P	1.5
7	☐	500.000	508.274	517923.43	14.1755	P	0.7
8	☐	1000.000	992.244	1090718.07	27.6730	P	1.3
9	☐			373.34	0.0095	P	15.1

$$y = 0.0279 * x + 9.6123\text{E-}005$$

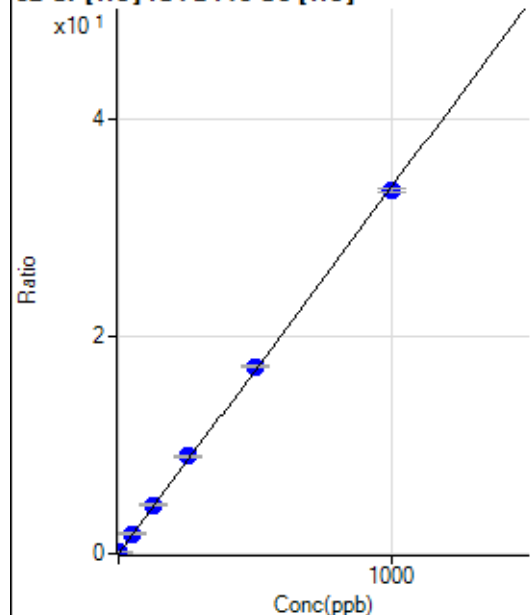
$$R = 0.9999$$

$$DL = 0.01038$$

$$BEC = 0.003447$$

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	463.35	0.0133	P	3.7
2	☒	0.200					
3	☐	2.000	2.292	3060.36	0.0905	P	2.0
4	☐	50.000	54.429	62817.73	1.8460	P	3.5
5	☐	125.000	133.064	159470.19	4.4937	P	0.8
6	☐	250.000	265.369	318393.41	8.9485	P	1.1
7	☐	500.000	510.882	628950.12	17.2151	P	1.4
8	☐	1000.000	989.487	1313723.24	33.3302	P	1.1
9	☐			55553.44	1.4062	P	12.0

$$y = 0.0337 * x + 0.0133$$

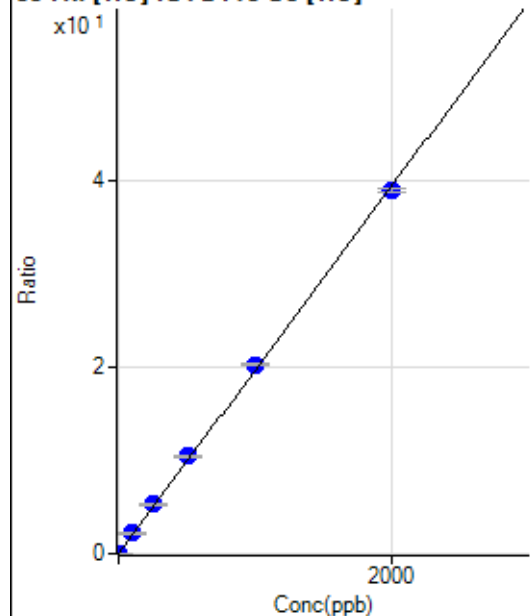
$$R = 0.9998$$

$$DL = 0.04422$$

$$BEC = 0.3945$$

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	46.67	0.0013	P	55.4
2	☐	0.100	0.114	122.23	0.0036	P	12.4
3	☐	1.000	1.272	891.15	0.0263	P	8.6
4	☐	100.000	110.243	73811.02	2.1684	P	2.1
5	☐	250.000	267.766	186838.59	5.2648	P	0.8
6	☐	500.000	531.474	371747.63	10.4485	P	1.9
7	☐	1000.000	1028.450	738641.37	20.2176	P	1.3
8	☐	2000.000	1975.174	1530391.31	38.8274	P	1.2
9	☐			7397.55	0.1873	P	13.0

$$y = 0.0197 * x + 0.0013$$

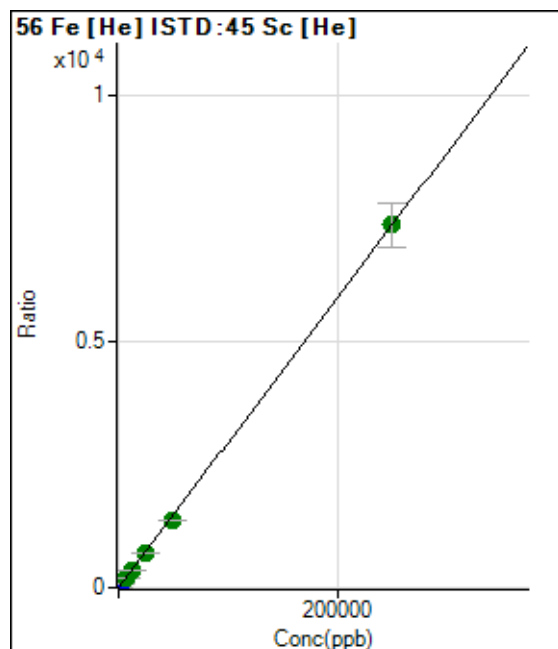
$$R = 0.9997$$

$$DL = 0.1128$$

$$BEC = 0.06788$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2040.94	0.0586	P	9.8
2	☐	5.000	6.466	8508.27	0.2483	P	6.1
3	☐	50.000	57.609	59176.98	1.7494	P	0.9
4	☐	2500.000	2578.981	2578021.67	75.7507	P	3.1
5	☐	6250.000	6250.740	6512641.06	183.5154	A	0.1
6	☐	12500.000	12546.088	13103948.79	368.2814	A	0.9
7	☐	25000.000	24218.511	25971870.72	710.8626	A	1.1
8	☐	50000.000	46575.944	53880555.37	1,367.044	A	1.4
9	☐	250000.00	250759.84	290744699.0	7,359.763	A	12.1

$$y = 0.0293 * x + 0.0586$$

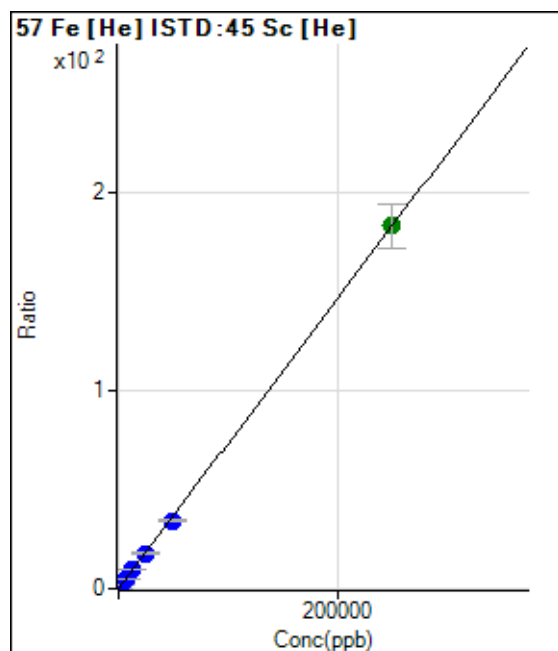
$$R = 0.9999$$

$$DL = 0.5838$$

$$BEC = 1.995$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0054	P	10.4
2	☐	5.000	5.328	318.53	0.0093	P	24.9
3	☐	50.000	58.232	1624.21	0.0480	P	9.3
4	☐	2500.000	2623.769	65499.93	1.9250	P	3.9
5	☐	6250.000	6370.893	165601.54	4.6664	P	0.3
6	☐	12500.000	12724.988	331439.35	9.3151	P	1.1
7	☐	25000.000	24419.055	652858.92	17.8705	P	1.9
8	☐	50000.000	46824.961	1350405.66	34.2628	P	1.6
9	☐	250000.00	250677.59	7243645.01	183.4026	A	12.4

$$y = 7.3161E-004 * x + 0.0054$$

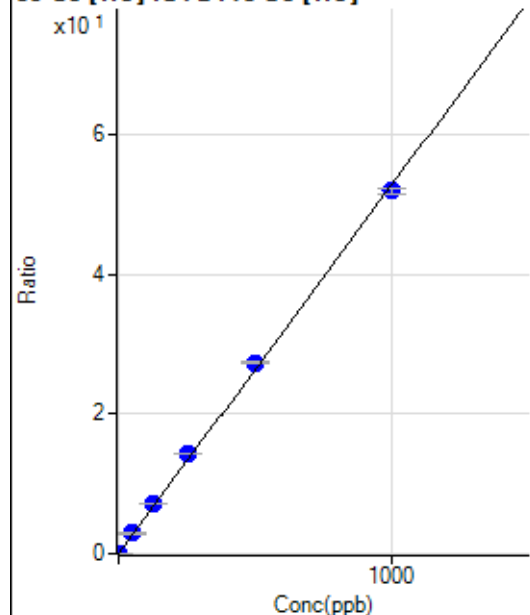
$$R = 0.9999$$

$$DL = 2.303$$

$$BEC = 7.403$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.66	0.0011	P	42.5
2	☐	0.100	0.106	227.78	0.0066	P	13.4
3	☐	1.000	1.153	2097.96	0.0620	P	1.9
4	☐	50.000	55.768	100314.82	2.9484	P	4.2
5	☐	125.000	135.618	254394.62	7.1684	P	0.4
6	☐	250.000	270.149	508052.10	14.2783	P	0.5
7	☐	500.000	517.227	998745.92	27.3363	P	1.0
8	☐	1000.000	984.733	2051226.13	52.0438	P	1.5
9	☐			4481.87	0.1133	P	10.6

$$y = 0.0528 * x + 0.0011$$

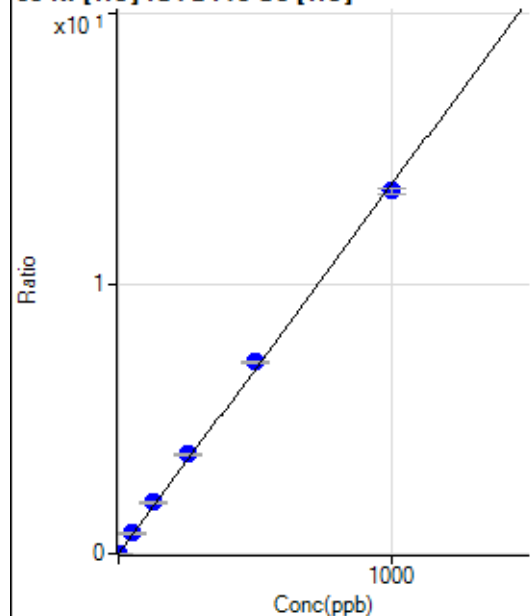
$$R = 0.9995$$

$$DL = 0.02542$$

$$BEC = 0.01994$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0006	P	7.9
2	☐	0.100	0.100	68.89	0.0020	P	18.4
3	☐	1.000	1.091	525.57	0.0155	P	11.2
4	☐	50.000	55.913	26009.92	0.7646	P	4.9
5	☐	125.000	138.433	67145.48	1.8920	P	0.6
6	☐	250.000	269.311	130946.20	3.6802	P	1.1
7	☐	500.000	519.907	259552.03	7.1041	P	1.1
8	☐	1000.000	983.244	529505.39	13.4347	P	1.7
9	☐			15400.52	0.3898	P	12.0

$$y = 0.0137 * x + 6.3691E-004$$

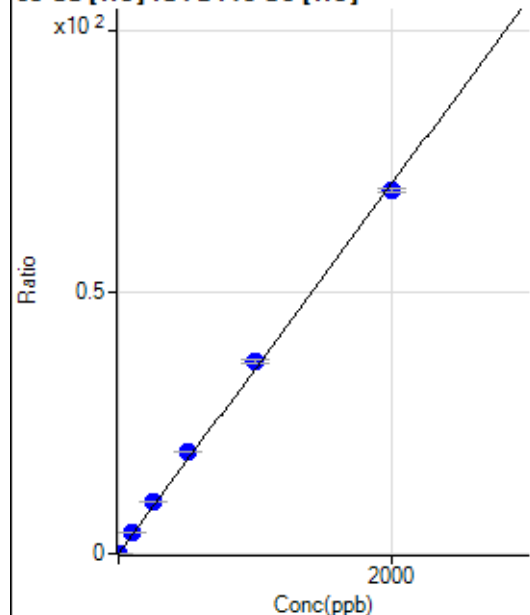
$$R = 0.9995$$

$$DL = 0.01112$$

$$BEC = 0.04662$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	276.67	0.0079	P	11.5
2	☐	0.200	0.226	545.57	0.0159	P	4.0
3	☐	2.000	2.455	3202.63	0.0947	P	1.3
4	☐	100.000	114.567	137979.06	4.0548	P	3.6
5	☐	250.000	278.347	349209.92	9.8401	P	0.7
6	☐	500.000	548.665	689873.98	19.3887	P	0.7
7	☐	1000.000	1040.664	1343347.28	36.7678	P	1.1
8	☐	2000.000	1963.230	2733674.30	69.3559	P	1.1
9	☐			5815.69	0.1469	P	9.0

$$y = 0.0353 * x + 0.0079$$

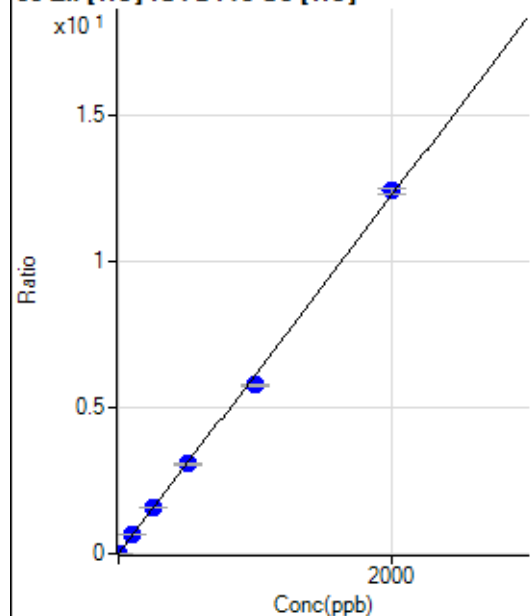
$$R = 0.9993$$

$$DL = 0.07731$$

$$BEC = 0.2247$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.78	0.0014	P	3.3
2	☒	0.200					
3	☐	2.000	2.663	598.91	0.0177	P	10.5
4	☐	100.000	104.937	21960.10	0.6451	P	1.7
5	☐	250.000	253.500	55233.30	1.5564	P	0.6
6	☐	500.000	500.134	109206.08	3.0693	P	1.2
7	☐	1000.000	944.769	211783.94	5.7967	P	1.1
8	☐	2000.000	2026.897	490101.28	12.4347	P	1.4
9	☐			9721.15	0.2458	P	10.8

$$y = 0.0061 * x + 0.0014$$

$$R = 0.9994$$

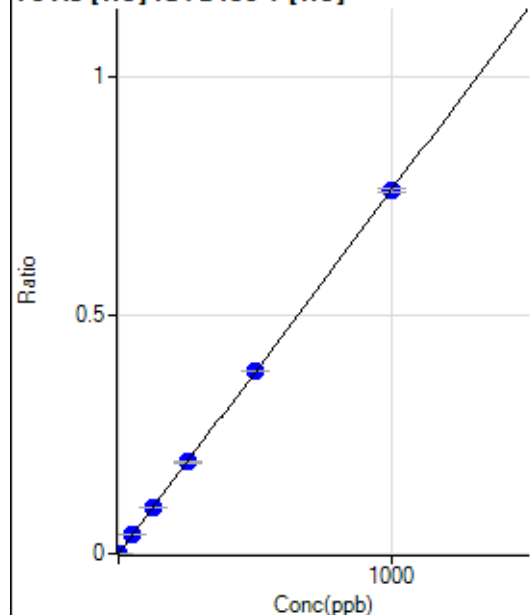
$$DL = 0.02239$$

$$BEC = 0.2233$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.85	0.0000	P	100.2
2	☒	0.100					
3	☐	1.000	0.974	130.25	0.0008	P	6.0
4	☐	50.000	52.103	6936.89	0.0397	P	3.6
5	☐	125.000	126.978	17373.44	0.0967	P	0.6
6	☐	250.000	251.931	35100.43	0.1918	P	1.6
7	☐	500.000	502.426	69573.36	0.3826	P	0.4
8	☐	1000.000	997.952	143955.25	0.7599	P	1.1
9	☐			80.25	0.0004	P	36.5

$$y = 7.6141\text{E-}004 * x + 1.0407\text{E-}005$$

$$R = 1.0000$$

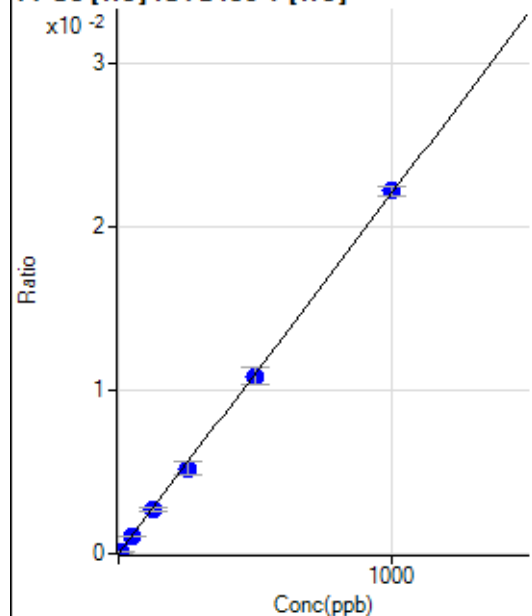
$$DL = 0.0411$$

$$BEC = 0.01367$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	0.287	1.11	0.0000	P	173.2
3	☐	5.000	5.229	20.00	0.0001	P	28.5
4	☐	50.000	47.767	184.45	0.0011	P	5.0
5	☐	125.000	122.157	484.46	0.0027	P	6.3
6	☐	250.000	237.186	957.83	0.0052	P	14.1
7	☐	500.000	492.400	1976.84	0.0109	P	9.4
8	☐	1000.000	1007.469	4212.89	0.0222	P	2.6
9	☐			0.00	0.0000	P	

$$y = 2.2073\text{E-}005 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

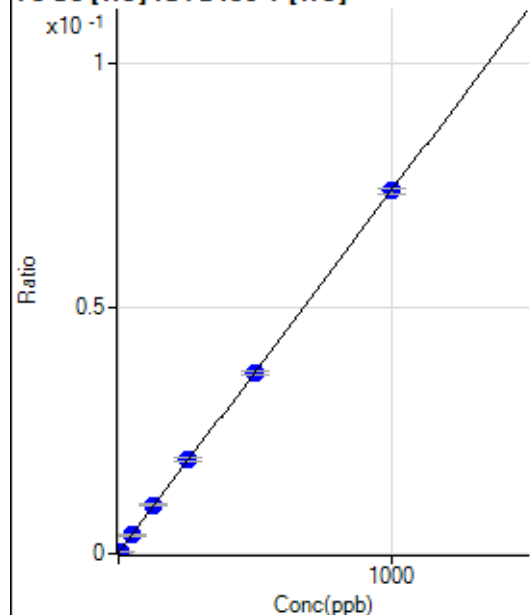
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.25	0.0002	P	30.0
2	☐	0.500	0.580	37.04	0.0002	P	18.9
3	☐	5.000	4.656	88.89	0.0005	P	9.1
4	☐	50.000	50.000	673.48	0.0039	P	11.8
5	☐	125.000	132.044	1780.37	0.0099	P	4.1
6	☐	250.000	256.670	3495.51	0.0191	P	3.1
7	☐	500.000	496.692	6694.19	0.0368	P	2.2
8	☐	1000.000	999.108	13995.72	0.0739	P	1.4
9	☐			43.21	0.0002	P	13.2

$$y = 7.3770\text{E-}005 * x + 1.6970\text{E-}004$$

$$R = 0.9999$$

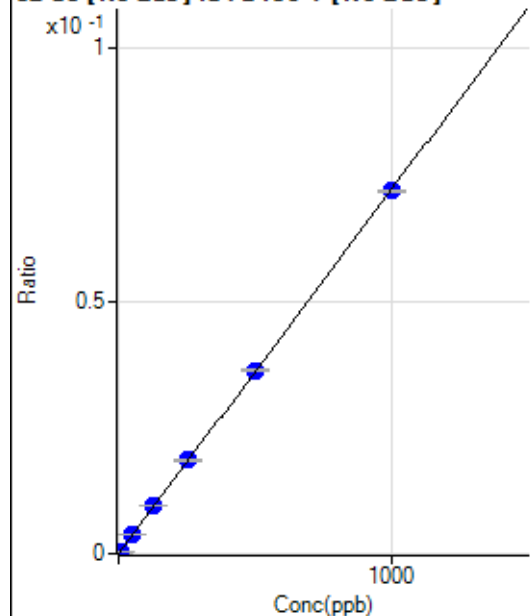
$$DL = 2.069$$

$$BEC = 2.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-15.44	0.0000	P	-141.
2	☒	0.500					
3	☐	5.000	5.814	591.97	0.0004	P	4.8
4	☐	50.000	53.396	5581.45	0.0038	P	2.7
5	☐	125.000	131.959	13911.23	0.0095	P	3.3
6	☐	250.000	256.544	28005.84	0.0185	P	0.7
7	☐	500.000	502.185	55504.85	0.0362	P	1.0
8	☐	1000.000	996.228	111920.79	0.0718	P	0.5
9	☐			100.65	0.0001	P	59.2

$$y = 7.2127\text{E-}005 * x - 1.0522\text{E-}005$$

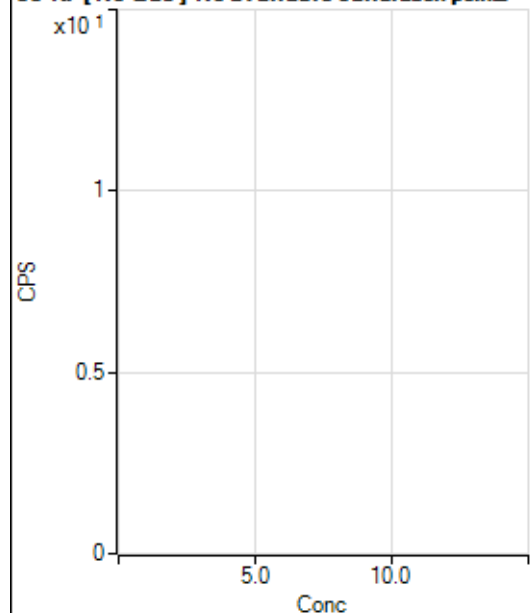
$$R = 1.0000$$

$$DL = 0.6174$$

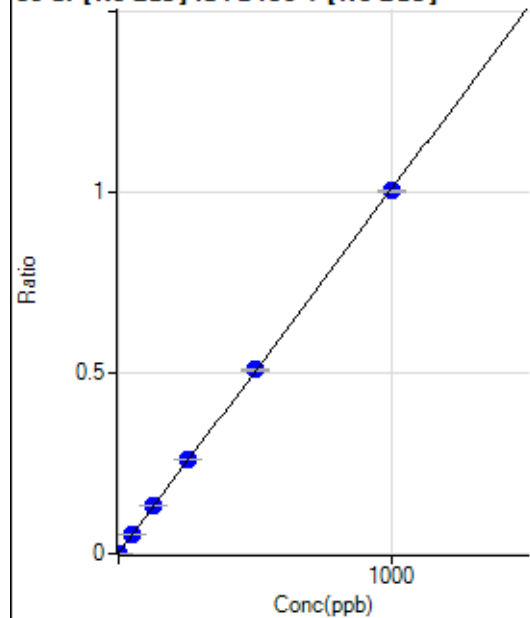
$$BEC = -0.1459$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			794.48		P	6.1
2	☐			783.37		P	8.6
3	☐			764.48		P	4.3
4	☐			794.48		P	5.5
5	☐			866.71		P	4.3
6	☐			781.14		P	5.3
7	☐			765.59		P	2.9
8	☐			811.15		P	5.2
9	☐			835.60		P	6.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1227.88	0.0008	P	5.6
2	☐	0.100	0.137	1427.91	0.0010	P	10.5
3	☐	1.000	1.194	2961.54	0.0020	P	6.5
4	☐	50.000	52.417	78004.59	0.0537	P	2.0
5	☐	125.000	131.704	195496.23	0.1336	P	2.6
6	☐	250.000	257.154	393792.45	0.2600	P	0.5
7	☐	500.000	503.686	779465.67	0.5085	P	0.8
8	☐	1000.000	995.409	1564309.16	1.0041	P	0.9
9	☐			7785.80	0.0052	P	4.9

$$y = 0.0010 * x + 8.4134E-004$$

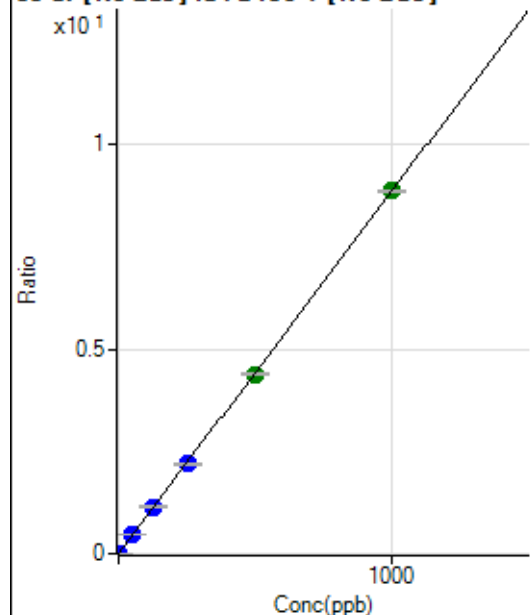
$$R = 0.9999$$

$$DL = 0.1392$$

$$BEC = 0.8347$$

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	88.90	0.0001	P	22.7
2	☐	0.100	0.115	1564.05	0.0011	P	14.0
3	☐	1.000	1.127	14524.48	0.0100	P	3.0
4	☐	50.000	51.491	662076.76	0.4556	P	1.9
5	☐	125.000	129.934	1682032.65	1.1494	P	2.9
6	☐	250.000	247.945	3321721.49	2.1934	P	1.1
7	☐	500.000	496.179	6728177.67	4.3892	A	0.7
8	☐	1000.000	1001.733	13804861.07	8.8613	A	0.6
9	☐			58423.00	0.0393	P	0.5

$$y = 0.0088 * x + 6.0995E-005$$

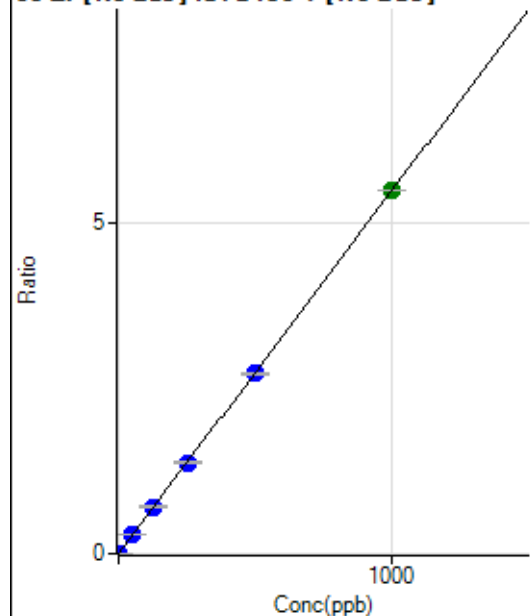
$$R = 1.0000$$

$$DL = 0.00469$$

$$BEC = 0.006895$$

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	141.67	0.0001	P	26.2
2	☐	0.100	0.084	816.72	0.0006	P	7.9
3	☐	1.000	0.963	7780.23	0.0054	P	1.7
4	☐	50.000	51.136	407187.37	0.2802	P	2.0
5	☐	125.000	129.063	1034370.26	0.7070	P	3.9
6	☐	250.000	251.949	2089979.26	1.3801	P	0.5
7	☐	500.000	496.160	4165700.13	2.7177	P	1.0
8	☐	1000.000	1000.868	8540137.26	5.4820	A	0.1
9	☐			2172.48	0.0015	P	3.4

$$y = 0.0055 * x + 9.7118E-005$$

$$R = 1.0000$$

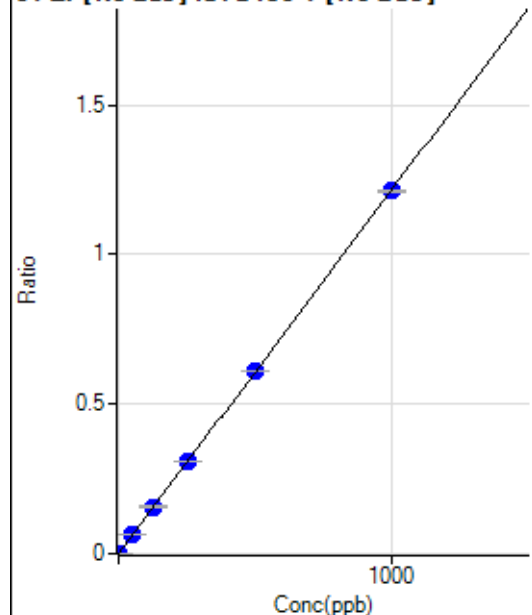
$$DL = 0.01392$$

$$BEC = 0.01773$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	47.0
2	☐	0.100	0.093	200.01	0.0001	P	18.1
3	☐	1.000	0.925	1664.06	0.0011	P	10.8
4	☐	50.000	51.438	90886.57	0.0625	P	0.4
5	☐	125.000	128.920	229227.60	0.1567	P	3.5
6	☐	250.000	254.137	467653.65	0.3088	P	1.0
7	☐	500.000	500.616	932396.77	0.6083	P	0.2
8	☐	1000.000	998.096	1889205.10	1.2127	P	0.8
9	☐			530.59	0.0004	P	2.3

$$y = 0.0012 * x + 2.4613E-005$$

$$R = 1.0000$$

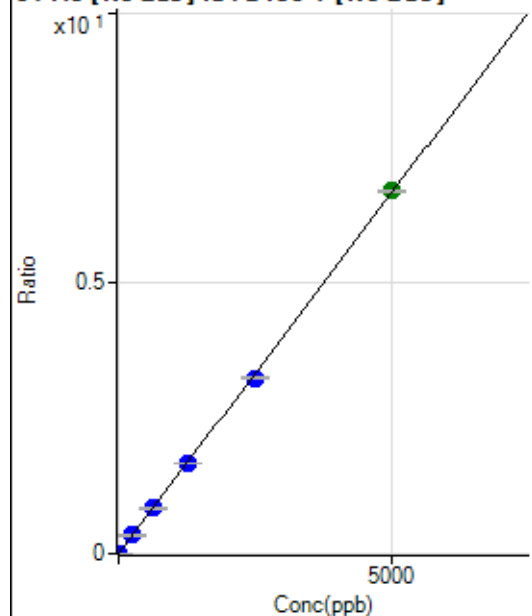
$$DL = 0.02857$$

$$BEC = 0.02026$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0001	P	1.6
2	☐	0.500	0.500	1047.30	0.0007	P	3.4
3	☐	5.000	5.193	10101.15	0.0070	P	2.0
4	☐	250.000	255.545	495246.93	0.3408	P	2.4
5	☐	625.000	635.849	1240521.06	0.8479	P	3.7
6	☐	1250.000	1251.704	2527601.90	1.6690	P	0.5
7	☐	2500.000	2436.542	4979946.38	3.2489	P	1.0
8	☐	5000.000	5029.669	10447528.18	6.7064	A	0.8
9	☐			9008.75	0.0061	P	6.3

$$y = 0.0013 * x + 5.1372E-005$$

$$R = 0.9999$$

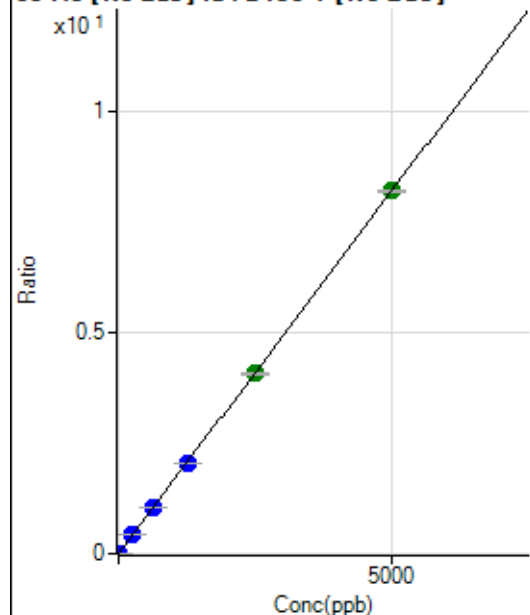
$$DL = 0.001808$$

$$BEC = 0.03853$$

Weight: <None>

Min Conc: 0

95 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	34.8
2	☐	0.500	0.550	1341.78	0.0009	P	8.3
3	☐	5.000	5.324	12678.35	0.0088	P	1.8
4	☐	250.000	260.076	620281.26	0.4268	P	2.2
5	☐	625.000	639.454	1535567.96	1.0494	P	3.0
6	☐	1250.000	1240.685	3083354.15	2.0360	P	0.5
7	☐	2500.000	2487.551	6257283.00	4.0821	A	0.8
8	☐	5000.000	5006.243	12798417.47	8.2154	A	0.5
9	☐			14430.01	0.0097	P	2.8

$$y = 0.0016 * x + 1.7182E-005$$

$$R = 1.0000$$

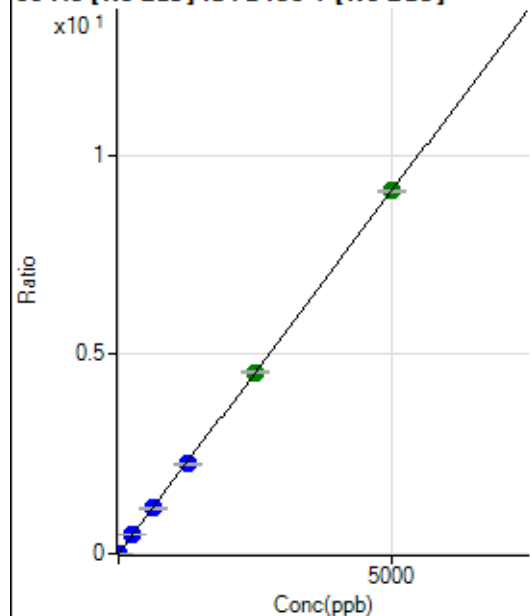
$$DL = 0.01093$$

$$BEC = 0.01047$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	31.0
2	☐	0.500	0.514	1427.92	0.0010	P	8.6
3	☐	5.000	5.339	14135.40	0.0098	P	1.5
4	☐	250.000	258.041	682457.09	0.4696	P	2.7
5	☐	625.000	633.707	1687250.36	1.1533	P	4.0
6	☐	1250.000	1233.440	3399341.48	2.2447	P	0.1
7	☐	2500.000	2500.348	6974808.75	4.5502	A	0.5
8	☐	5000.000	5002.475	14181998.75	9.1036	A	0.8
9	☐			20877.12	0.0140	P	3.4

$$y = 0.0018 * x + 4.3866E-005$$

$$R = 1.0000$$

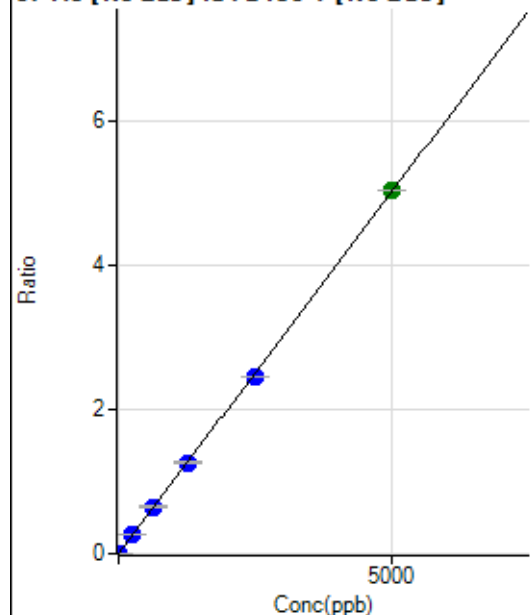
$$DL = 0.02245$$

$$BEC = 0.0241$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	20.4
2	☐	0.500	0.586	877.84	0.0006	P	15.7
3	☐	5.000	5.527	8049.87	0.0056	P	1.5
4	☐	250.000	263.125	383541.99	0.2639	P	2.8
5	☐	625.000	647.914	950640.94	0.6499	P	4.5
6	☐	1250.000	1262.804	1918069.90	1.2666	P	1.1
7	☐	2500.000	2451.523	3769075.78	2.4588	P	0.4
8	☐	5000.000	5017.516	7839873.00	5.0325	A	0.0
9	☐			8744.69	0.0059	P	4.5

$$y = 0.0010 * x + 1.5190E-005$$

$$R = 0.9999$$

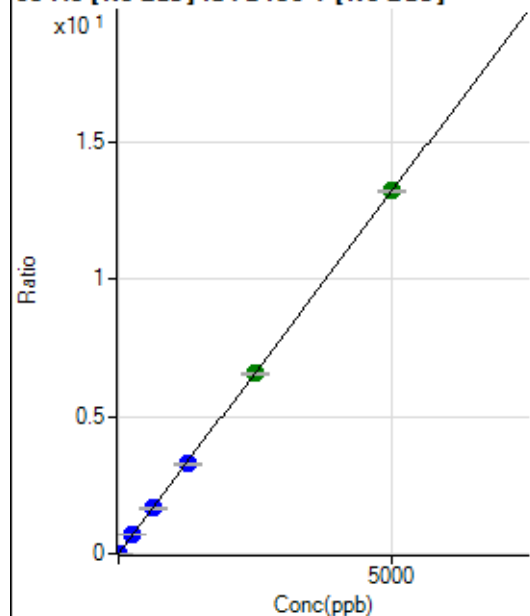
$$DL = 0.009267$$

$$BEC = 0.01514$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	35.5
2	☐	0.500	0.535	2080.80	0.0014	P	8.2
3	☐	5.000	5.383	20573.96	0.0142	P	3.2
4	☐	250.000	257.024	984478.20	0.6774	P	1.9
5	☐	625.000	630.298	2430191.96	1.6611	P	4.0
6	☐	1250.000	1234.983	4928800.33	3.2547	P	0.6
7	☐	2500.000	2485.995	10042732.34	6.5515	A	1.2
8	☐	5000.000	5009.743	20567636.22	13.2025	A	0.6
9	☐			22579.70	0.0152	P	0.6

$$y = 0.0026 * x + 1.9078E-005$$

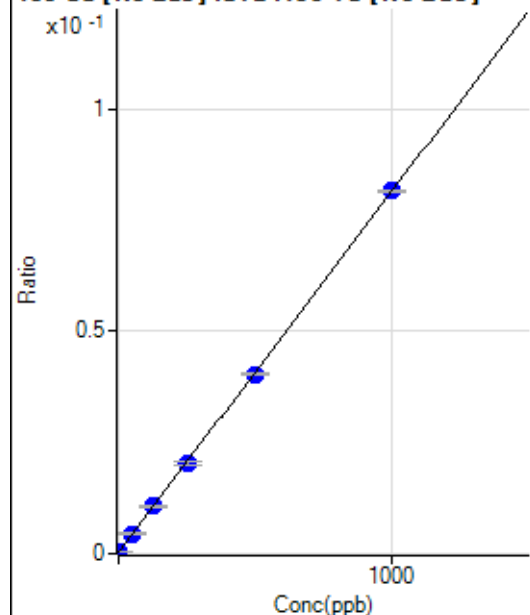
$$R = 1.0000$$

$$DL = 0.007709$$

$$BEC = 0.007239$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	497.25	0.0003	P	11.9
2	☐	0.100	-0.043	494.48	0.0003	P	3.6
3	☐	1.000	1.186	663.93	0.0004	P	14.7
4	☐	50.000	52.412	7960.94	0.0045	P	7.2
5	☐	125.000	129.310	18841.02	0.0108	P	3.8
6	☐	250.000	247.171	36974.43	0.0203	P	2.8
7	☐	500.000	494.704	73899.46	0.0404	P	1.5
8	☐	1000.000	1002.696	149820.39	0.0816	P	0.8
9	☐			608.37	0.0004	P	6.5

$$y = 8.1139\text{E-}005 * x + 2.8671\text{E-}004$$

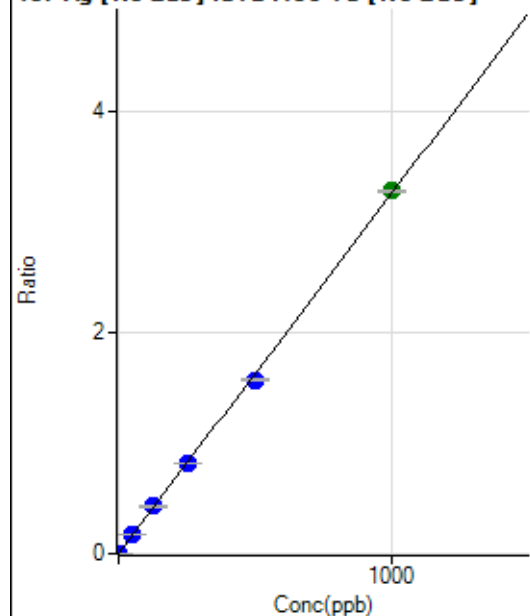
$$R = 1.0000$$

$$DL = 1.259$$

$$BEC = 3.534$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	56.8
2	☐	0.100	0.094	566.70	0.0003	P	3.9
3	☐	1.000	1.047	5951.52	0.0034	P	2.2
4	☐	50.000	52.324	299641.00	0.1707	P	2.3
5	☐	125.000	131.689	750766.72	0.4296	P	4.2
6	☐	250.000	250.610	1486151.27	0.8176	P	1.2
7	☐	500.000	482.670	2878439.54	1.5746	P	0.8
8	☐	1000.000	1007.560	6031708.90	3.2869	A	0.5
9	☐			977.86	0.0006	P	6.7

$$y = 0.0033 * x + 1.7624\text{E-}005$$

$$R = 0.9998$$

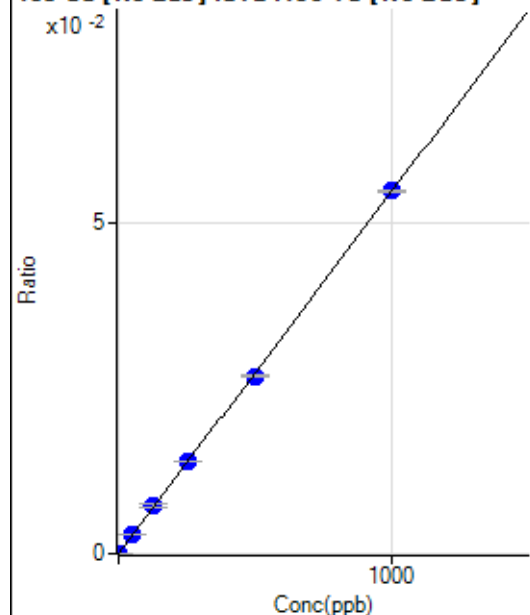
$$DL = 0.009204$$

$$BEC = 0.005402$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.2
2	☐	0.100	0.044	6.94	0.0000	P	34.6
3	☐	1.000	0.674	66.67	0.0000	P	16.8
4	☐	50.000	53.609	5144.09	0.0029	P	3.7
5	☐	125.000	132.220	12628.05	0.0072	P	5.2
6	☐	250.000	254.593	25296.45	0.0139	P	0.5
7	☐	500.000	491.123	49069.81	0.0268	P	0.7
8	☐	1000.000	1002.207	100516.16	0.0548	P	0.6
9	☐			38.89	0.0000	P	6.0

$$y = 5.4651\text{E-}005 * x + 1.5992\text{E-}006$$

$$R = 0.9999$$

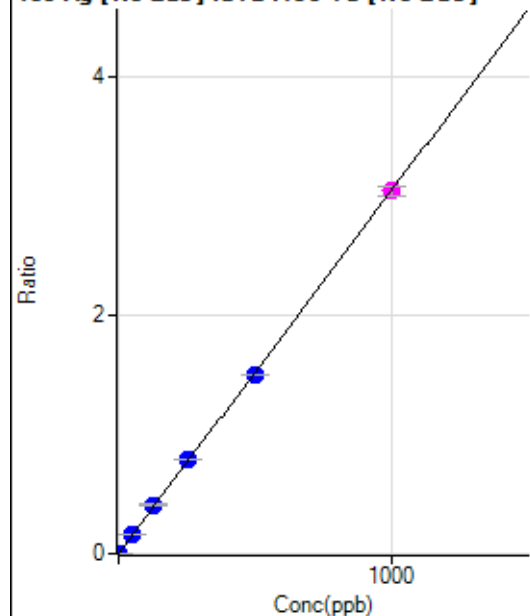
$$DL = 0.152$$

$$BEC = 0.02926$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	12.1
2	☐	0.100	0.107	608.37	0.0003	P	8.2
3	☐	1.000	1.091	5806.99	0.0033	P	1.3
4	☐	50.000	53.668	287471.37	0.1638	P	3.0
5	☐	125.000	134.226	715829.45	0.4096	P	3.9
6	☐	250.000	258.350	1433016.13	0.7883	P	0.8
7	☐	500.000	494.626	2759051.71	1.5092	P	0.2
8	☐	1000.000	999.263	5595198.86	3.0490	M	2.3
9	☐			905.63	0.0005	P	5.5

$$y = 0.0031 * x + 2.0783\text{E-}005$$

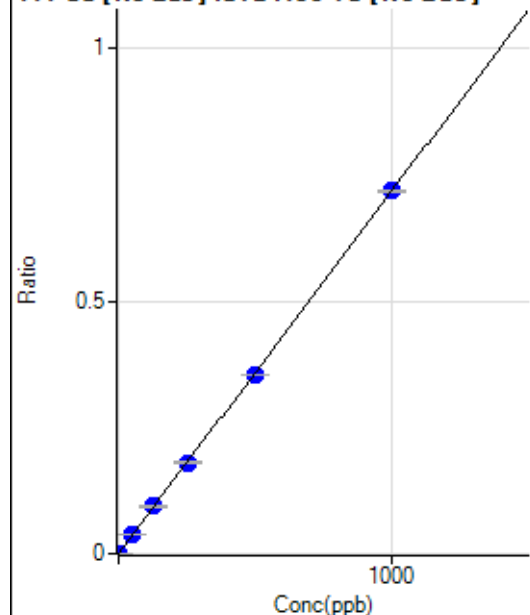
$$R = 0.9999$$

$$DL = 0.002482$$

$$BEC = 0.006811$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	354.47	0.0002	P	11.2
2	☐	0.100	0.090	469.06	0.0003	P	2.7
3	☐	1.000	1.052	1661.23	0.0010	P	2.0
4	☐	50.000	52.330	66169.83	0.0377	P	4.2
5	☐	125.000	131.354	164893.28	0.0943	P	3.8
6	☐	250.000	251.301	327751.04	0.1803	P	1.6
7	☐	500.000	494.659	648457.52	0.3547	P	0.1
8	☐	1000.000	1001.435	1317441.37	0.7179	P	0.3
9	☐			727.82	0.0004	P	4.3

$$y = 7.1668\text{E-}004 * x + 2.0436\text{E-}004$$

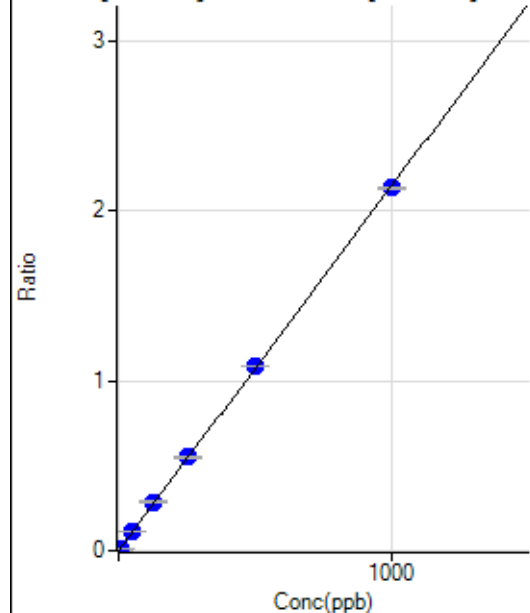
$$R = 1.0000$$

$$DL = 0.09548$$

$$BEC = 0.2852$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	330.58	0.0002	P	13.0
2	☐	0.500	0.557	2416.98	0.0014	P	9.4
3	☐	5.000	5.436	20546.38	0.0118	P	2.6
4	☐	50.000	52.621	198443.62	0.1130	P	2.3
5	☐	125.000	133.098	499282.20	0.2856	P	3.5
6	☐	250.000	256.391	999963.02	0.5501	P	0.9
7	☐	500.000	504.931	1980087.57	1.0831	P	0.5
8	☐	1000.000	994.791	3915616.54	2.1337	P	0.3
9	☐			2241.95	0.0013	P	4.5

$$y = 0.0021 * x + 1.9060\text{E-}004$$

$$R = 0.9999$$

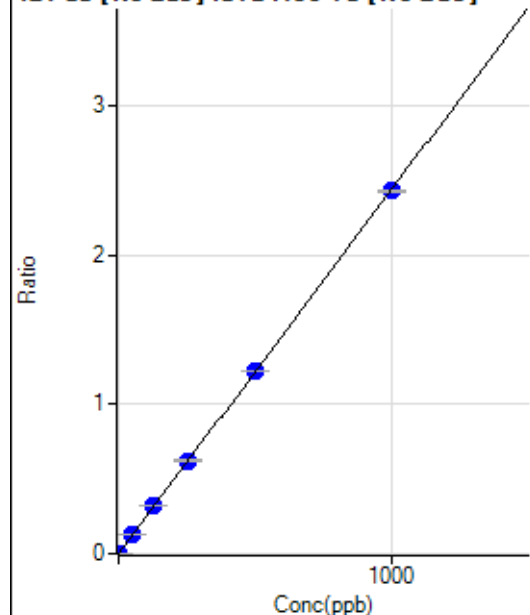
$$DL = 0.03471$$

$$BEC = 0.08887$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.34	0.0000	P	49.8
2	☐	0.200	0.215	950.07	0.0005	P	6.6
3	☐	2.000	2.183	9267.30	0.0053	P	0.8
4	☐	50.000	52.142	223261.70	0.1272	P	3.1
5	☐	125.000	131.718	561679.54	0.3213	P	3.3
6	☐	250.000	255.520	1133088.83	0.6233	P	1.1
7	☐	500.000	502.217	2239669.99	1.2251	P	0.4
8	☐	1000.000	996.564	4461206.09	2.4310	P	0.4
9	☐			4756.56	0.0028	P	5.2

$$y = 0.0024 * x + 1.9162E-005$$

$$R = 1.0000$$

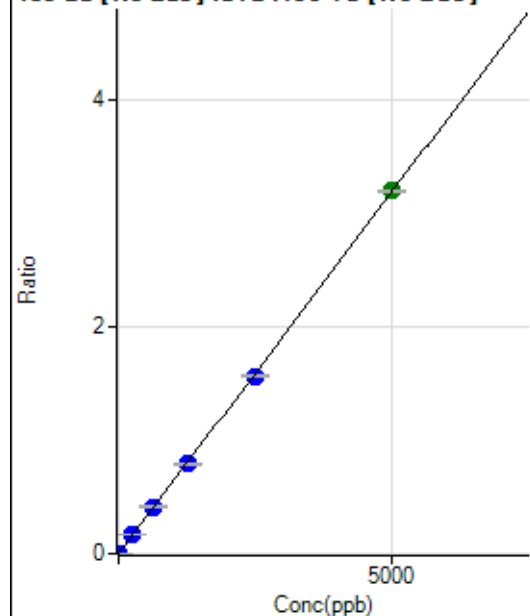
$$DL = 0.01172$$

$$BEC = 0.007855$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	33.8
2	☐	1.000	1.142	1308.45	0.0007	P	10.2
3	☐	10.000	10.921	12075.20	0.0070	P	4.3
4	☐	250.000	257.570	287316.74	0.1637	P	2.7
5	☐	625.000	642.864	713994.65	0.4085	P	4.0
6	☐	1250.000	1243.189	1436177.29	0.7900	P	1.0
7	☐	2500.000	2454.193	2851035.89	1.5596	P	0.7
8	☐	5000.000	5021.993	5856583.33	3.1914	A	0.4
9	☐			1058.42	0.0006	P	6.3

$$y = 6.3547E-004 * x + 2.3941E-005$$

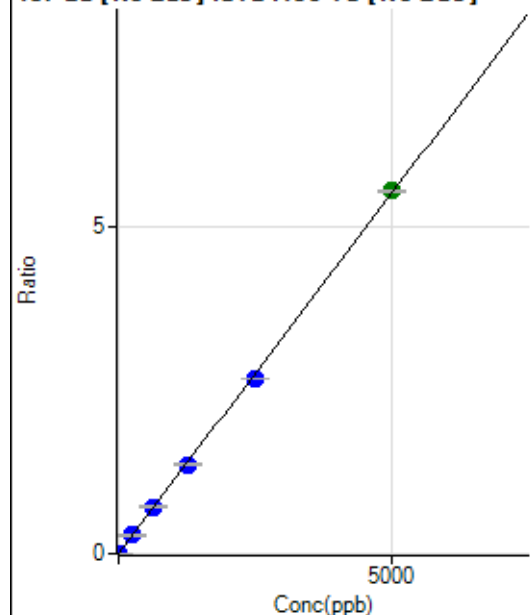
$$R = 0.9999$$

$$DL = 0.03821$$

$$BEC = 0.03767$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	16.1
2	☐	1.000	1.175	2286.40	0.0013	P	10.8
3	☐	10.000	10.989	20999.90	0.0121	P	2.6
4	☐	250.000	257.894	498148.90	0.2839	P	3.4
5	☐	625.000	643.030	1236979.47	0.7078	P	3.8
6	☐	1250.000	1240.147	2481360.17	1.3650	P	0.7
7	☐	2500.000	2429.087	4887536.05	2.6735	P	0.6
8	☐	5000.000	5035.269	10170428.78	5.5420	A	0.8
9	☐			1972.45	0.0012	P	6.9

$$y = 0.0011 * x + 1.5982E-005$$

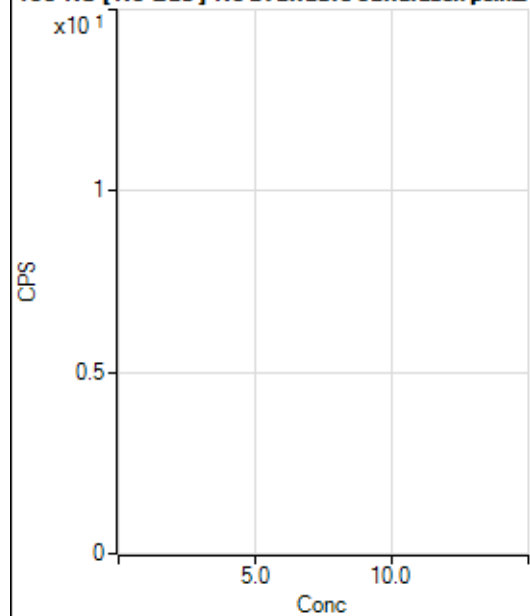
$$R = 0.9998$$

$$DL = 0.007014$$

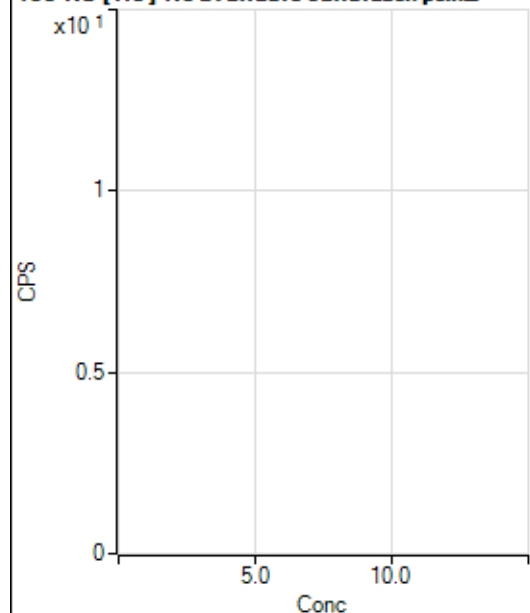
$$BEC = 0.01452$$

Weight: <None>

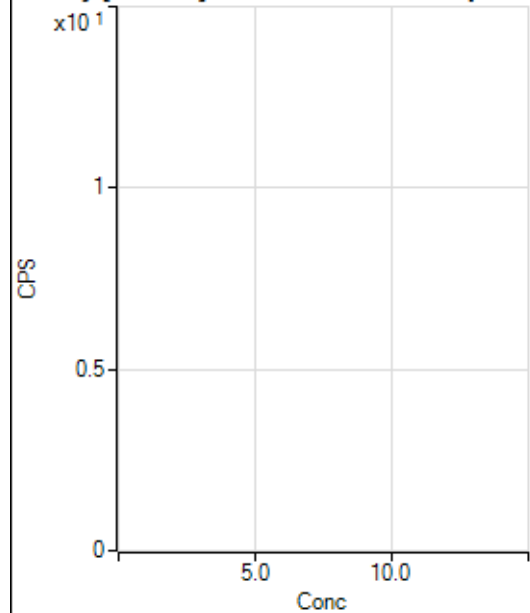
Min Conc: 0

150 Nd [No Gas] No available calibration points

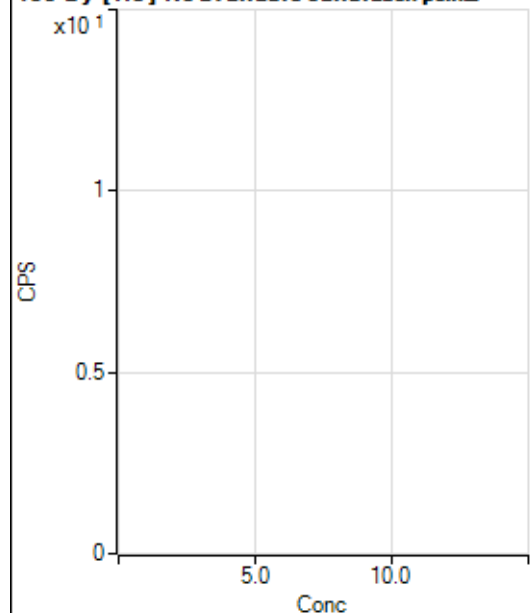
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	86.6
2	☐			6.67		P	100.0
3	☐			4.45		P	86.6
4	☐			24.45		P	15.8
5	☐			28.89		P	35.2
6	☐			135.56		P	12.4
7	☐			251.12		P	5.5
8	☐			411.13		P	8.9
9	☐			51.11		P	19.9

150 Nd [He] No available calibration points

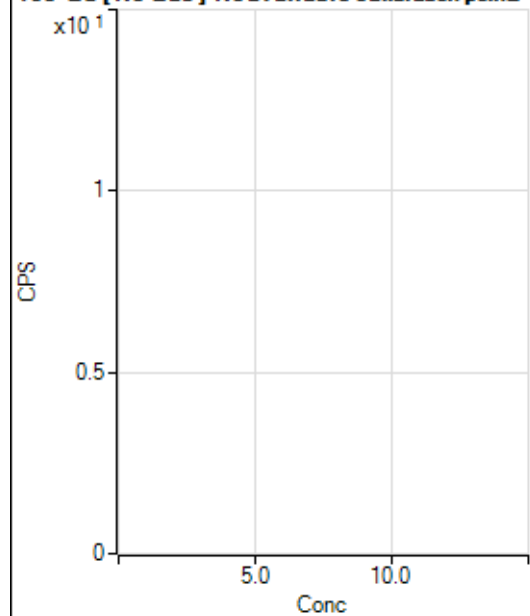
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			1.11		P	173.2
3	☐			5.56		P	91.6
4	☐			14.44		P	35.3
5	☐			11.11		P	75.5
6	☐			16.67		P	69.3
7	☐			24.44		P	47.9
8	☐			45.56		P	22.4
9	☐			28.89		P	37.1

156 Dy [No Gas] No available calibration points

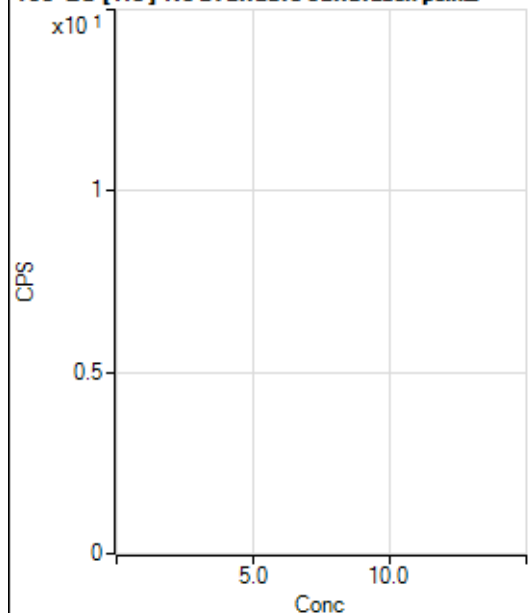
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐			22.22		P	21.6
3	☐			16.67		P	50.0
4	☐			11.11		P	114.6
5	☐			30.56		P	83.3
6	☐			47.22		P	27.0
7	☐			75.00		P	50.9
8	☐			100.01		P	38.2
9	☐			41.67		P	40.0

156 Dy [He] No available calibration points

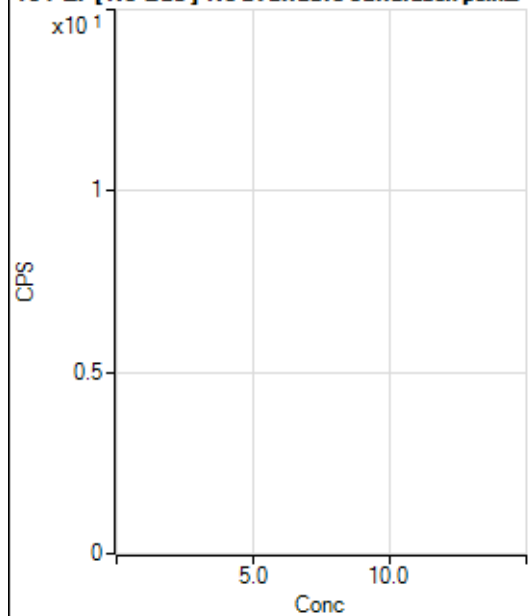
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐			11.11		P	34.6
3	☐			15.56		P	32.7
4	☐			21.11		P	50.8
5	☐			24.44		P	67.3
6	☐			44.45		P	8.7
7	☐			65.56		P	20.6
8	☐			104.45		P	24.4
9	☐			30.00		P	22.2

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

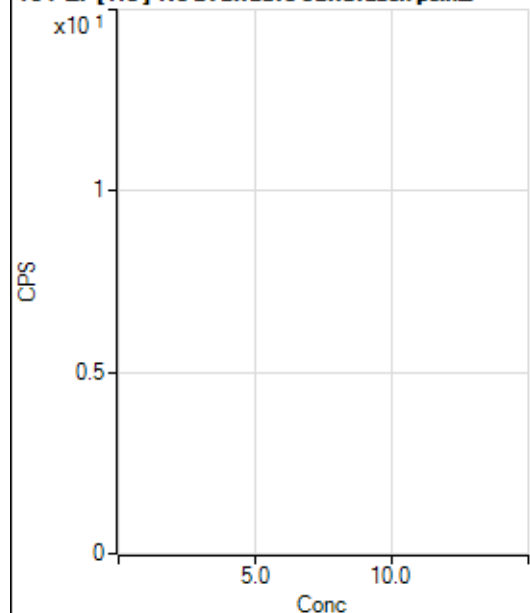
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	107.9
2	☐			11.11		P	43.3
3	☐			16.67		P	NaN
4	☐			11.11		P	43.3
5	☐			25.00		P	88.2
6	☐			22.22		P	43.3
7	☐			30.56		P	56.8
8	☐			36.11		P	53.3
9	☐			30.56		P	56.8

160 Gd [He] No available calibration points

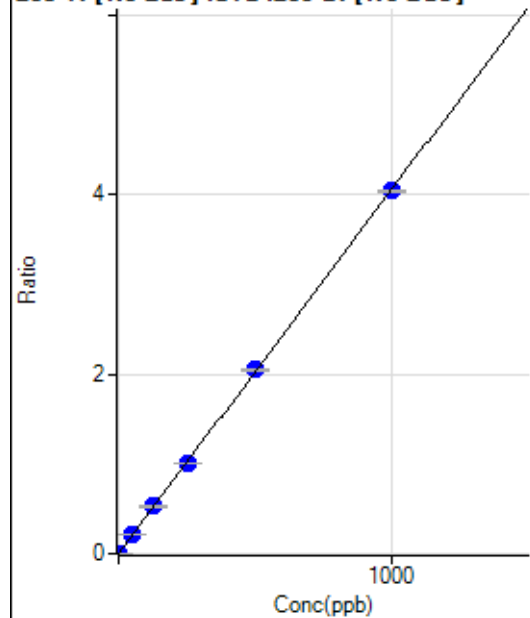
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	24.5
2	☐			34.44		P	40.3
3	☐			36.67		P	32.8
4	☐			41.11		P	32.8
5	☐			53.33		P	22.5
6	☐			47.78		P	50.5
7	☐			48.89		P	20.8
8	☐			56.67		P	11.8
9	☐			51.11		P	35.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	57.7
2	☐			25.00		P	66.7
3	☐			36.11		P	48.0
4	☐			8.33		P	0.0
5	☐			13.89		P	91.6
6	☐			30.56		P	78.7
7	☐			30.55		P	15.7
8	☐			38.89		P	32.7
9	☐			27.78		P	17.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			32.22		P	26.0
2	☐			34.44		P	22.3
3	☐			28.89		P	17.6
4	☐			27.78		P	56.7
5	☐			30.00		P	44.4
6	☐			25.55		P	52.7
7	☐			31.11		P	27.0
8	☐			41.11		P	24.8
9	☐			27.78		P	18.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	458.37	0.0004	P	9.8
2	☐	0.100	0.100	894.51	0.0008	P	5.2
3	☐	1.000	1.069	5117.89	0.0048	P	3.5
4	☐	50.000	51.225	225431.69	0.2079	P	2.9
5	☐	125.000	130.512	560619.51	0.5290	P	2.9
6	☐	250.000	249.975	1114066.06	1.0129	P	0.2
7	☐	500.000	505.203	2205335.70	2.0467	P	0.8
8	☐	1000.000	996.655	4291322.41	4.0373	P	0.5
9	☐			1833.54	0.0021	P	4.4

$$y = 0.0041 * x + 4.2223E-004$$

$$R = 1.0000$$

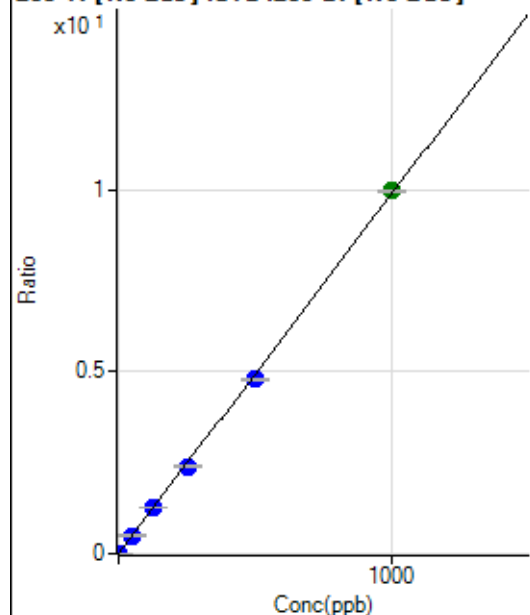
$$DL = 0.03077$$

$$BEC = 0.1042$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	605.60	0.0006	P	8.1
2	☐	0.100	0.107	1747.41	0.0016	P	9.7
3	☐	1.000	1.035	11625.04	0.0108	P	3.4
4	☐	50.000	50.079	537781.85	0.4960	P	2.9
5	☐	125.000	127.698	1339348.74	1.2639	P	2.8
6	☐	250.000	243.012	2644821.39	2.4047	P	0.3
7	☐	500.000	485.275	5173447.34	4.8014	P	0.9
8	☐	1000.000	1008.768	10608374.72	9.9802	A	0.7
9	☐			3920.21	0.0044	P	9.6

$$y = 0.0099 * x + 5.5781E-004$$

$$R = 0.9998$$

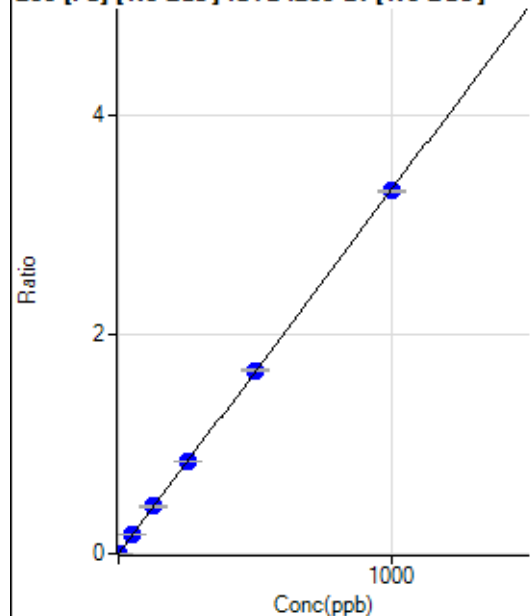
$$DL = 0.01363$$

$$BEC = 0.05638$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	581.51	0.0005	P	7.9
2	☐	0.100	0.117	998.22	0.0009	P	2.2
3	☐	1.000	1.074	4415.68	0.0041	P	3.0
4	☐	50.000	51.355	185499.13	0.1711	P	2.8
5	☐	125.000	131.121	461944.63	0.4360	P	3.6
6	☐	250.000	251.608	919565.27	0.8361	P	0.3
7	☐	500.000	503.777	1803272.03	1.6735	P	0.6
8	☐	1000.000	996.877	3519441.43	3.3110	P	0.3
9	☐			9963.27	0.0111	P	2.1

$$y = 0.0033 * x + 5.3573E-004$$

$$R = 1.0000$$

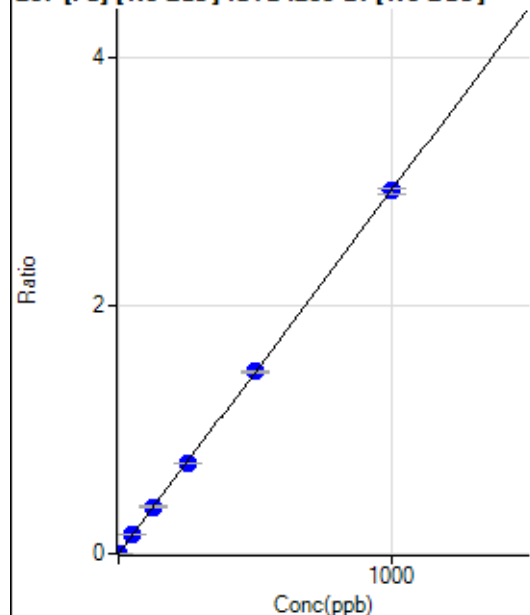
$$DL = 0.03832$$

$$BEC = 0.1613$$

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	550.03	0.0005	P	6.5
2	☐	0.100	0.107	885.24	0.0008	P	14.8
3	☐	1.000	1.034	3806.21	0.0035	P	5.3
4	☐	50.000	51.070	162737.08	0.1501	P	2.8
5	☐	125.000	128.930	400775.05	0.3781	P	2.2
6	☐	250.000	249.422	804028.52	0.7310	P	0.2
7	☐	500.000	501.720	1583861.03	1.4700	P	1.1
8	☐	1000.000	998.740	3109816.85	2.9257	P	1.3
9	☐			8929.19	0.0100	P	3.1

$$y = 0.0029 * x + 5.0647E-004$$

$$R = 1.0000$$

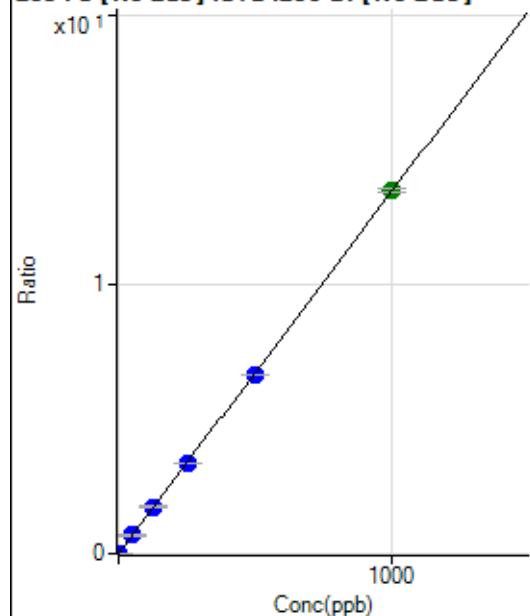
$$DL = 0.03397$$

$$BEC = 0.1729$$

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	1946.41	0.0018	P	3.8
2	☐	0.100	0.109	3516.95	0.0033	P	2.3
3	☐	1.000	1.063	17290.07	0.0161	P	0.2
4	☐	50.000	50.729	739921.56	0.6825	P	3.3
5	☐	125.000	128.792	1833331.60	1.7299	P	2.5
6	☐	250.000	247.853	3659723.93	3.3274	P	0.1
7	☐	500.000	494.130	7146026.81	6.6319	P	0.6
8	☐	1000.000	1002.961	14306165.28	13.4593	A	1.0
9	☐			40020.87	0.0448	P	0.9

$$y = 0.0134 * x + 0.0018$$

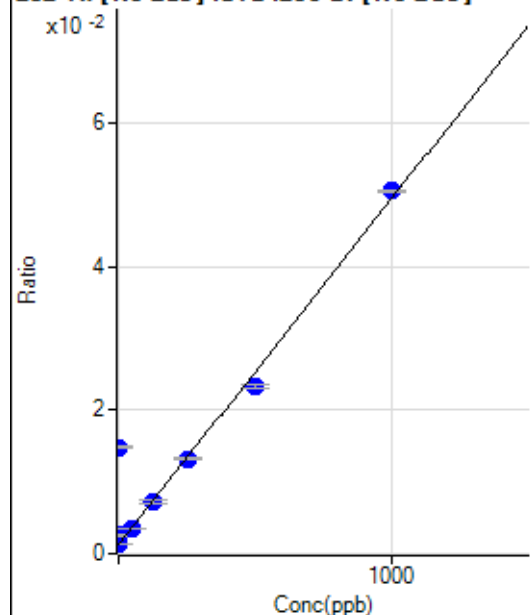
$$R = 1.0000$$

$$DL = 0.01523$$

$$BEC = 0.1336$$

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	1370.49	0.0013	P	2.3
2	☐	0.100	26.677	2748.51	0.0025	P	6.6
3	☐	1.000	280.037	15899.00	0.0148	P	1.8
4	☐	50.000	44.311	3685.82	0.0034	P	2.8
5	☐	125.000	123.534	7645.04	0.0072	P	6.6
6	☐	250.000	246.827	14478.74	0.0132	P	2.0
7	☐	500.000	456.551	25082.10	0.0233	P	2.3
8	☐	1000.000	1022.704	53766.91	0.0506	P	0.6
9	☐			1520.51	0.0017	P	6.5

$$y = 4.8226\text{E-}005 * x + 0.0013$$

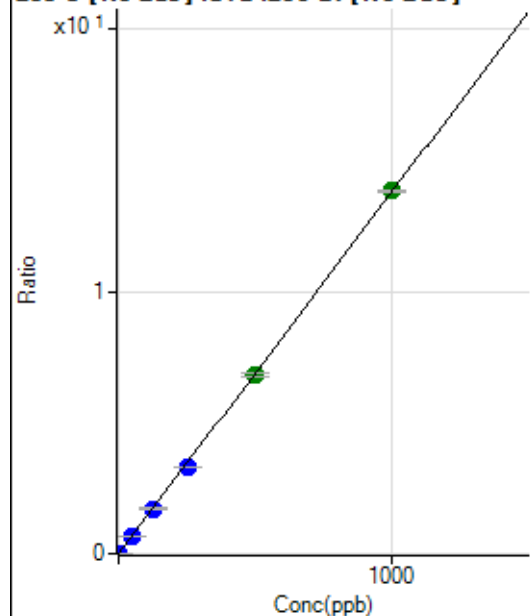
$$R = 0.9578$$

$$DL = 1.771$$

$$BEC = 26.17$$

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	1708.53	0.0016	P	3.4
2	☐	0.100	0.099	3172.74	0.0029	P	2.7
3	☐	1.000	1.032	16986.84	0.0158	P	0.7
4	☐	50.000	49.036	733671.45	0.6766	P	2.4
5	☐	125.000	124.165	1812791.61	1.7107	P	3.0
6	☐	250.000	239.093	3621642.25	3.2928	P	0.5
7	☐	500.000	496.297	7362174.39	6.8333	A	2.1
8	☐	1000.000	1004.731	14702877.07	13.8321	A	0.7
9	☐			2881.00	0.0032	P	6.4

$$y = 0.0138 * x + 0.0016$$

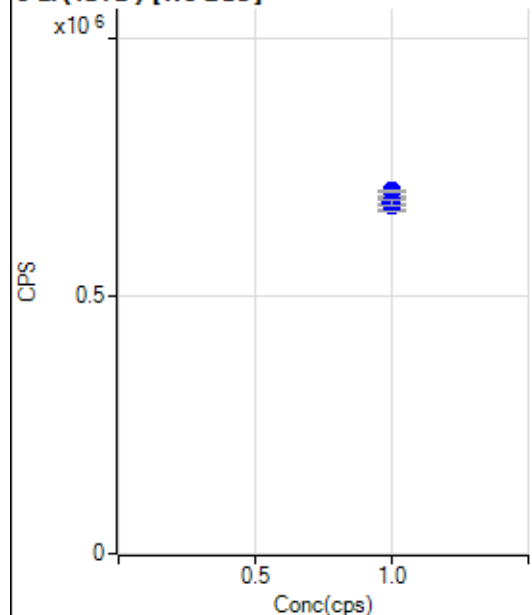
$$R = 0.9999$$

$$DL = 0.01163$$

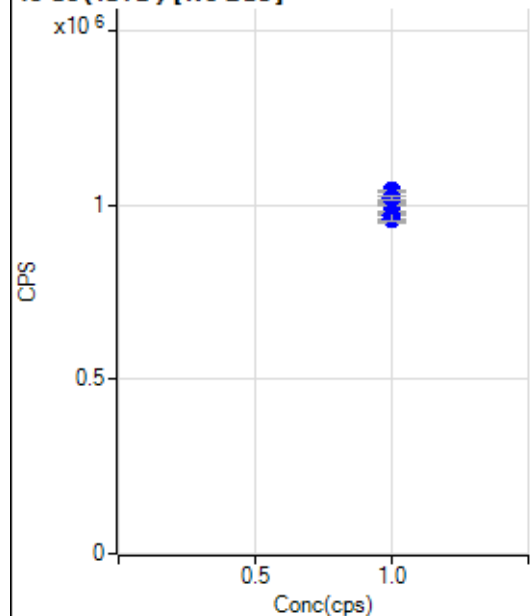
$$BEC = 0.1143$$

Weight: <None>

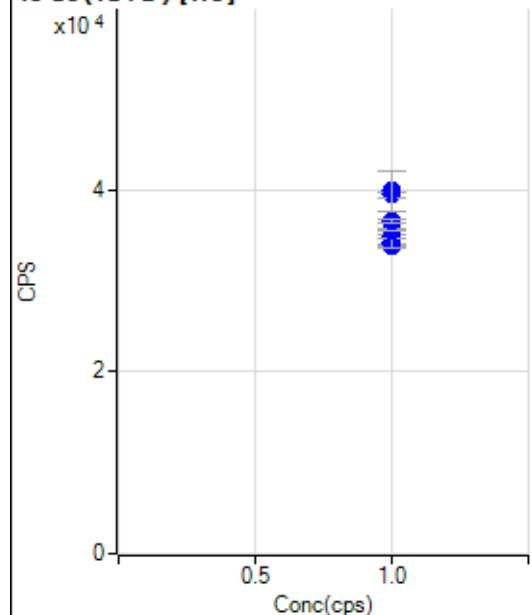
Min Conc: 0

6 Li (ISTD) [No Gas]

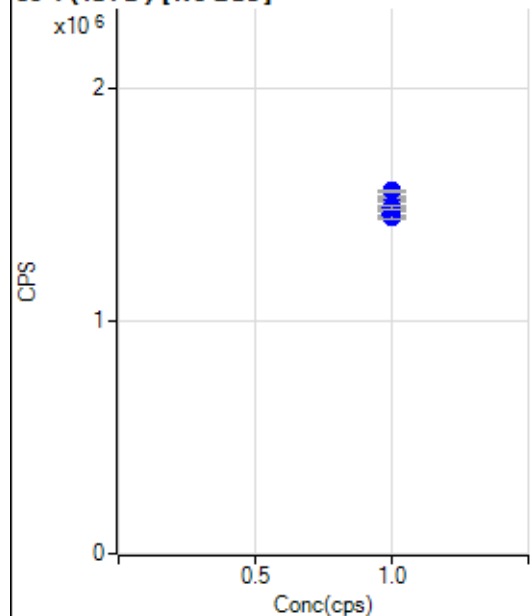
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		676839.44		P	0.3
2	☐	1.000		676678.64		P	0.5
3	☐	1.000		680150.79		P	0.4
4	☐	1.000		678860.90		P	2.7
5	☐	1.000		676233.15		P	3.2
6	☐	1.000		689065.03		P	0.5
7	☐	1.000		691898.49		P	0.5
8	☐	1.000		704825.11		P	0.4
9	☐	1.000		682977.52		P	1.8

45 Sc (ISTD) [No Gas]

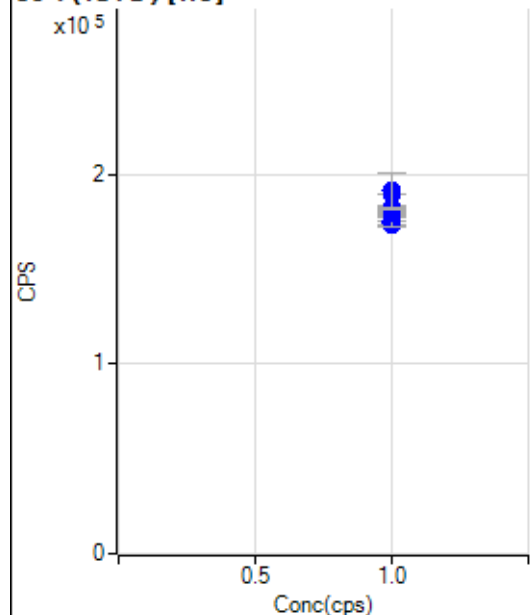
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		974157.47		P	0.4
2	☐	1.000		960144.52		P	0.2
3	☐	1.000		958871.70		P	0.6
4	☐	1.000		959280.72		P	2.0
5	☐	1.000		968157.64		P	3.3
6	☐	1.000		1006002.57		P	0.2
7	☐	1.000		1000869.29		P	0.2
8	☐	1.000		1040498.45		P	0.4
9	☐	1.000		1020754.01		P	1.2

45 Sc (ISTD) [He]

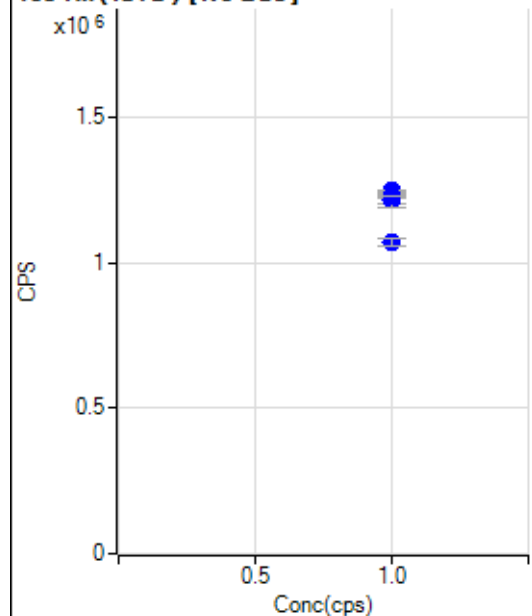
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		34873.41		P	0.8
2	☐	1.000		34286.53		P	2.2
3	☐	1.000		33828.89		P	0.6
4	☐	1.000		34054.97		P	3.2
5	☐	1.000		35488.26		P	0.3
6	☐	1.000		35582.86		P	0.9
7	☐	1.000		36538.57		P	1.3
8	☐	1.000		39420.34		P	1.7
9	☐	1.000		39857.81		P	11.0

89 Y (ISTD) [No Gas]

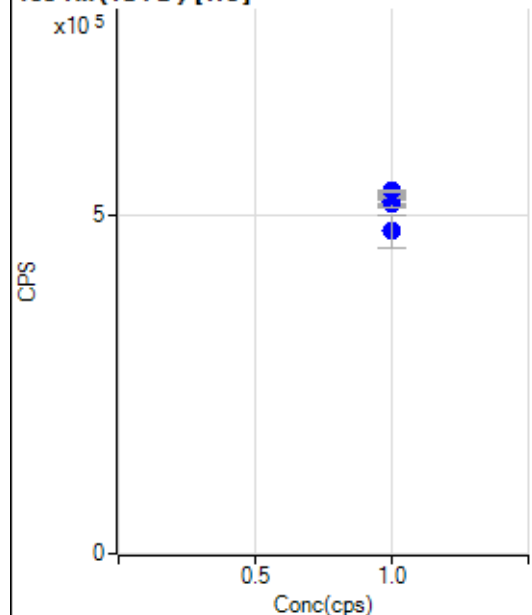
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1460165.43		P	1.6
2	☐	1.000		1457946.32		P	1.5
3	☐	1.000		1448278.09		P	0.5
4	☐	1.000		1453772.70		P	2.3
5	☐	1.000		1464290.13		P	3.3
6	☐	1.000		1514400.71		P	0.4
7	☐	1.000		1532862.29		P	0.3
8	☐	1.000		1557850.62		P	0.4
9	☐	1.000		1487139.75		P	1.1

89 Y (ISTD) [He]

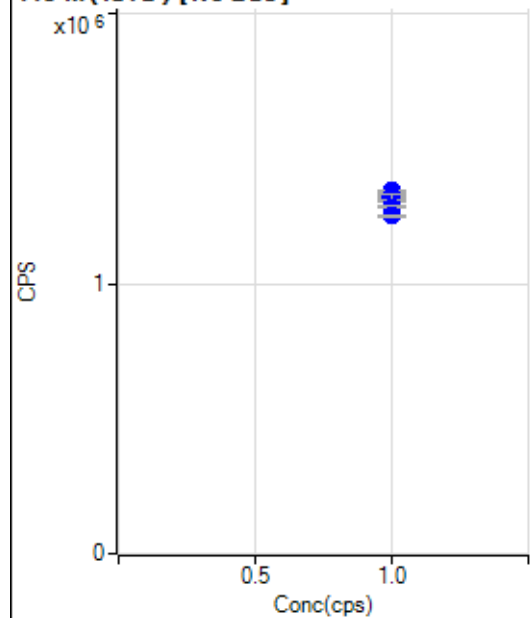
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		178163.61		P	0.4
2	☐	1.000		174522.14		P	0.9
3	☐	1.000		173174.21		P	0.5
4	☐	1.000		174943.79		P	3.1
5	☐	1.000		179676.35		P	0.7
6	☐	1.000		182973.96		P	0.2
7	☐	1.000		181864.18		P	0.4
8	☐	1.000		189450.22		P	0.2
9	☐	1.000		191318.71		P	9.7

103 Rh (ISTD) [No Gas]

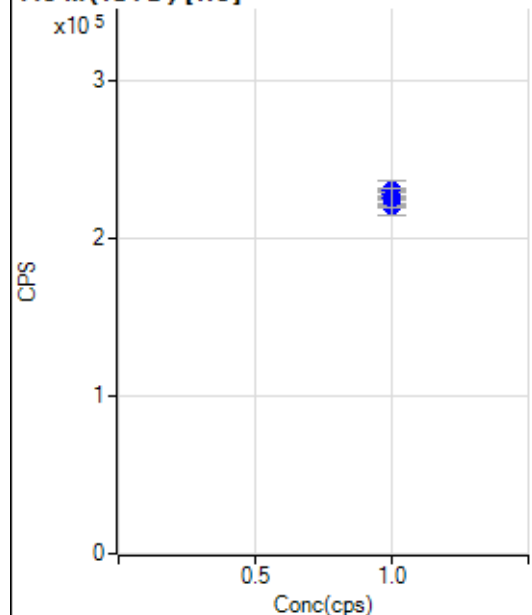
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1231791.76		P	0.2
2	☐	1.000		1239341.24		P	0.3
3	☐	1.000		1225249.74		P	0.1
4	☐	1.000		1215876.75		P	1.9
5	☐	1.000		1215452.83		P	4.0
6	☐	1.000		1249358.86		P	0.5
7	☐	1.000		1233894.13		P	0.6
8	☐	1.000		1233049.15		P	0.2
9	☐	1.000		1075782.34		P	2.5

103 Rh (ISTD) [He]

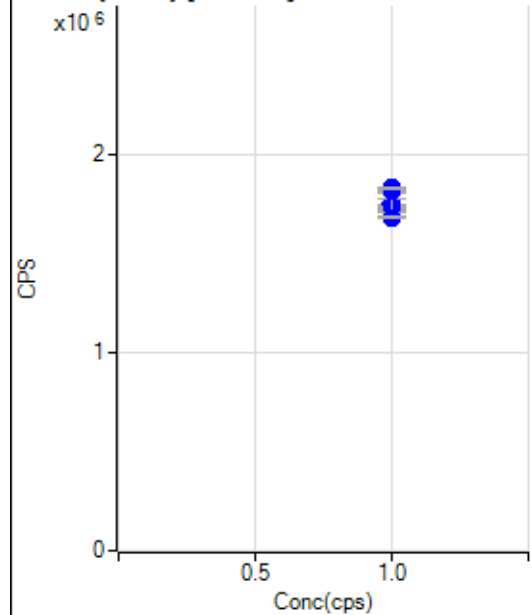
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		530503.38		P	0.5
2	☐	1.000		525581.68		P	0.5
3	☐	1.000		517305.40		P	0.2
4	☐	1.000		521905.93		P	3.1
5	☐	1.000		532925.93		P	0.5
6	☐	1.000		536815.98		P	0.7
7	☐	1.000		528748.74		P	0.5
8	☐	1.000		537155.59		P	0.4
9	☐	1.000		476938.75		P	10.5

115 In (ISTD) [No Gas]

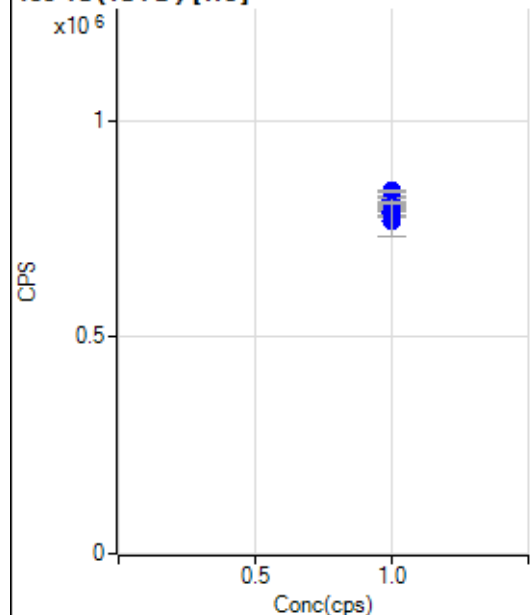
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1328298.62		P	0.5
2	☐	1.000		1331757.45		P	1.0
3	☐	1.000		1320109.45		P	0.2
4	☐	1.000		1318651.21		P	2.3
5	☐	1.000		1318414.79		P	4.5
6	☐	1.000		1343799.71		P	0.5
7	☐	1.000		1321455.16		P	1.3
8	☐	1.000		1284365.08		P	0.7
9	☐	1.000		1250515.91		P	0.5

115 In (ISTD) [He]

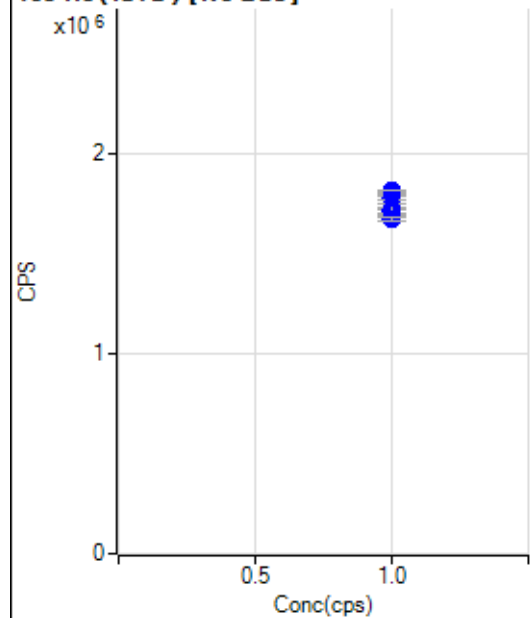
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		229803.27		P	0.6
2	☐	1.000		225545.01		P	0.6
3	☐	1.000		222184.00		P	0.4
4	☐	1.000		226178.94		P	4.4
5	☐	1.000		228874.92		P	1.3
6	☐	1.000		230344.60		P	1.1
7	☐	1.000		221541.95		P	0.2
8	☐	1.000		220548.73		P	0.5
9	☐	1.000		225848.96		P	9.9

159 Tb (ISTD) [No Gas]

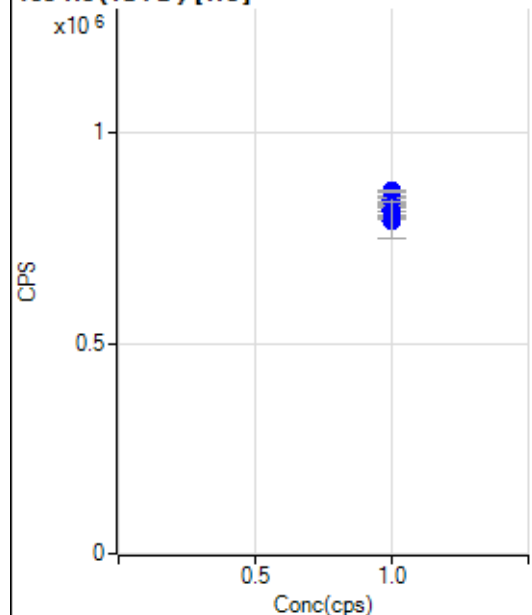
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1735961.80		P	1.3
2	☐	1.000		1745901.62		P	0.1
3	☐	1.000		1734008.93		P	0.3
4	☐	1.000		1756014.06		P	2.8
5	☐	1.000		1749477.49		P	3.9
6	☐	1.000		1817924.42		P	0.9
7	☐	1.000		1828116.55		P	0.6
8	☐	1.000		1835102.02		P	0.7
9	☐	1.000		1686628.50		P	0.3

159 Tb (ISTD) [He]

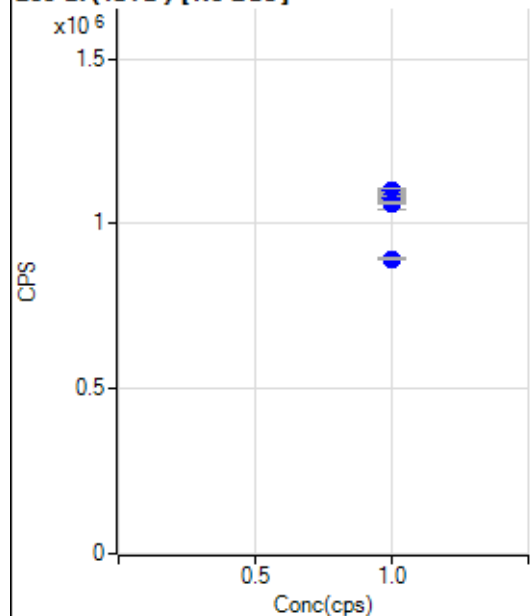
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		795772.10		P	0.8
2	☐	1.000		783878.83		P	1.5
3	☐	1.000		781851.04		P	0.4
4	☐	1.000		790665.56		P	3.7
5	☐	1.000		808627.61		P	0.7
6	☐	1.000		823327.77		P	0.3
7	☐	1.000		816484.77		P	1.0
8	☐	1.000		837386.11		P	0.6
9	☐	1.000		769477.92		P	9.9

165 Ho (ISTD) [No Gas]

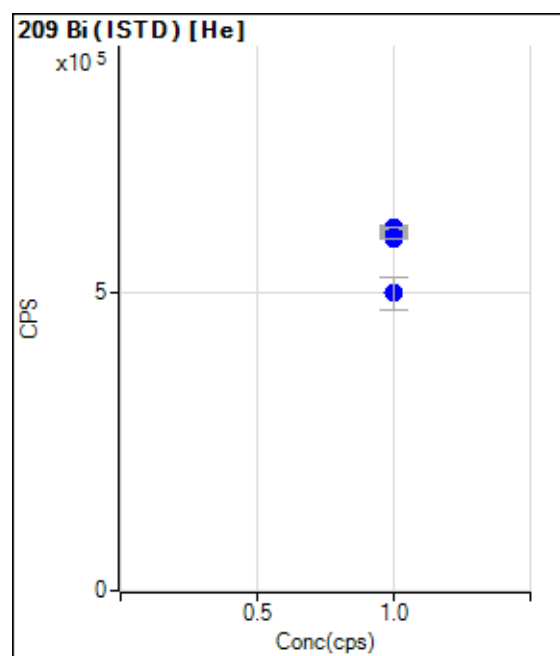
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1709268.70		P	0.7
2	☐	1.000		1707933.96		P	0.9
3	☐	1.000		1708164.47		P	1.3
4	☐	1.000		1714796.04		P	2.0
5	☐	1.000		1717690.53		P	3.4
6	☐	1.000		1776302.95		P	1.5
7	☐	1.000		1796503.58		P	0.5
8	☐	1.000		1811789.30		P	0.1
9	☐	1.000		1671794.74		P	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		817500.61		P	0.9
2	☐	1.000		804882.26		P	0.3
3	☐	1.000		802882.84		P	0.7
4	☐	1.000		811719.42		P	4.1
5	☐	1.000		829383.14		P	0.7
6	☐	1.000		847490.69		P	0.4
7	☐	1.000		840337.51		P	0.8
8	☐	1.000		861663.27		P	0.4
9	☐	1.000		791181.25		P	11.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1085750.19		P	0.6
2	☐	1.000		1078547.88		P	1.0
3	☐	1.000		1076698.15		P	0.8
4	☐	1.000		1084824.00		P	2.6
5	☐	1.000		1060318.79		P	3.1
6	☐	1.000		1099863.95		P	1.2
7	☐	1.000		1077574.43		P	1.3
8	☐	1.000		1062953.30		P	0.8
9	☐	1.000		893956.95		P	0.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		609297.01		P	0.8
2	☐	1.000		604081.63		P	0.7
3	☐	1.000		596788.80		P	1.2
4	☐	1.000		603638.88		P	3.6
5	☐	1.000		604619.89		P	0.6
6	☐	1.000		608444.28		P	0.8
7	☐	1.000		595293.58		P	0.3
8	☐	1.000		591818.39		P	0.3
9	☐	1.000		499037.53		P	10.6

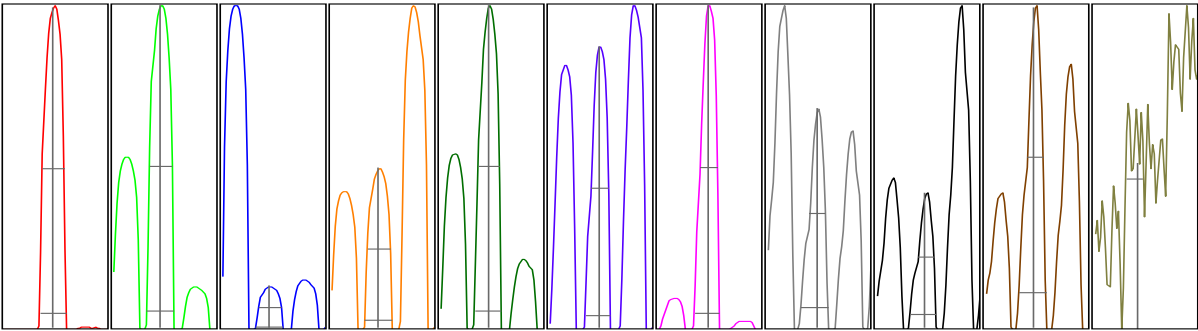
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P711072019MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	7420	0.48	5.00	
24	59225	0.75	5.00	
25	7828	0.82	5.00	
26	9186	0.37	5.00	
59	40411	0.65	5.00	
113	5151	0.65	5.00	
115	59760	0.64	5.00	
206	13611	0.65	5.00	
207	12631	0.37	5.00	
208	29150	0.74	5.00	
220	59	5.14		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	7369	7424	7419	7420	7470
24	58639	59131	59031	59585	59741
25	7747	7778	7840	7886	7888
26	9145	9155	9205	9200	9225
59	40085	40269	40453	40461	40788
113	5104	5137	5151	5192	5170
115	59728	59402	59385	60034	60252
206	13513	13627	13553	13619	13744
207	12565	12600	12654	12681	12654
208	28806	29132	29150	29313	29346
220	57	61	56	63	56

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X%
9	12466	8.95	8.9 - 9.1		0.781	0.900	
24	94868	23.90	23.9 - 24.1		0.786	0.900	
25	12537	24.90	24.9 - 25.1		0.787	0.900	
26	14546	25.90	25.9 - 26.1		0.788	0.900	
59	68902	58.95	58.9 - 59.1		0.782	0.900	
113	9800	113.00	112.9 - 113.1		0.732	0.900	
115	116158	115.00	114.9 - 115.1		0.728	0.900	
206	27329	206.00	205.9 - 206.1		0.786	0.900	
207	24531	206.95	206.9 - 207.1		0.747	0.900	
208	58142	207.95	207.9 - 208.1		0.775	0.900	
220	58	219.80	-				

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	6.7	V	Deflect	13.4	V
Extract 2	-115.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-55	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	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	8888	0.69	
89	7745	0.97	
205	11179	0.87	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	8981	8902	8890	8844	8823
89	7849	7696	7737	7786	7657
205	11322	11190	11201	11116	11065

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	6.9	V	Deflect	1.8	V
Extract 2	-130.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-60	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 : LB106165 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 14:59:16 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	-0.12	0.24	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.12	-0.03	-0.10	0.00	N/A	ppb
Boron	11-1	-0.21	0.04	0.17	0.00	N/A	ppb
Cadmium	111-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.48	-0.22	-0.26	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.06	-0.03	0.00	N/A	ppb
Calcium	43-1	0.02	-1.99	1.97	0.00	N/A	ppb
Calcium	44-1	-0.68	-0.42	1.10	0.00	N/A	ppb
Chromium	52-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	0.01	-0.03	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.09	-0.14	0.22	0.00	N/A	ppb
Iron	57-2	0.87	-0.27	-0.59	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.01	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.02	0.42	-0.39	0.00	N/A	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 14:59:16	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	-0.04	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-284.82	-191.62	-219.34	-231.92		ppb
Potassium	39-2	-1.52	4.36	-2.84	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.33	0.79	-0.46	0.00	N/A	ppb
Selenium	82-1	0.15	0.08	-0.23	0.00	N/A	ppb
Silicon	28-1	-0.11	0.01	0.10	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.57	0.31	1.26	0.00	N/A	ppb
Strontium	86-1	0.04	-0.05	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-2570.51	-9886.42	-8738.28	-7065.07		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00	N/A	ppb
Thorium	232-1	0.54	-0.63	0.09	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 14:59:16	DataFile Name :	003CALB.d

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

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:06:48	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.75	19.42	21.06	19.74	6.02	ppb
Antimony	121-1	2.20	2.17	2.17	2.18	0.85	ppb
Arsenic	75-2	0.91	0.98	1.03	0.97	6.07	ppb
Barium	135-1	10.38	11.26	11.12	10.92	4.35	ppb
Barium	137-1	11.16	11.15	10.66	10.99	2.59	ppb
Beryllium	9-1	1.18	1.03	1.02	1.07	8.62	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	23.76	22.51	25.34	23.87	5.94	ppb
Boron	11-1	25.10	24.95	24.64	24.90	0.95	ppb
Cadmium	111-1	1.06	1.02	1.07	1.05	2.51	ppb
Cadmium	106-1	0.44	1.81	1.31	1.19	58.69	ppb
Cadmium	108-1	0.59	0.81	0.63	0.67	17.50	ppb
Calcium	43-1	544.99	512.59	479.40	512.33	6.40	ppb
Calcium	44-1	510.85	517.25	523.43	517.18	1.22	ppb
Chromium	52-2	2.35	2.25	2.27	2.29	2.39	ppb
Cobalt	59-2	1.17	1.16	1.13	1.15	1.89	ppb
Copper	63-2	2.42	2.46	2.49	2.46	1.41	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				100		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	57.84	56.98	58.01	57.61	0.96	ppb
Iron	57-2	63.63	51.61	59.46	58.23	10.48	ppb
Krypton	83-1						cps
Lead	206-1	1.06	1.12	1.04	1.07	3.48	ppb
Lead	207-1	1.11	0.99	1.01	1.03	6.21	ppb
Lead	208-1	1.06	1.07	1.06	1.06	0.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	558.90	558.08	542.17	553.05	1.71	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:06:48	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.40	1.24	1.17	1.27	9.04	ppb
Molybdenum	94-1	5.13	5.13	5.31	5.19	2.04	ppb
Molybdenum	95-1	5.42	5.22	5.33	5.32	1.82	ppb
Molybdenum	96-1	5.28	5.43	5.31	5.34	1.55	ppb
Molybdenum	97-1	5.44	5.61	5.53	5.53	1.52	ppb
Molybdenum	98-1	5.25	5.58	5.33	5.38	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	0.94	1.15	1.09	11.69	ppb
Phosphorus	31-2	209.33	370.49	115.96	231.92	55.52	ppb
Potassium	39-2	497.80	505.41	490.09	497.77	1.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	4.36	6.95	4.38	5.23	28.46	ppb
Selenium	78-2	4.51	5.35	4.11	4.66	13.61	ppb
Selenium	82-1	5.59	5.73	6.12	5.81	4.71	ppb
Silicon	28-1	7.05	6.53	7.36	6.98	5.98	ppb
Silver	109-1	1.08	1.09	1.11	1.09	1.29	ppb
Silver	107-1	1.06	1.02	1.06	1.05	2.20	ppb
Sodium	23-2	505.73	505.72	521.16	510.87	1.74	ppb
Strontium	86-1	1.16	1.08	1.34	1.19	11.01	ppb
Strontium	88-1	1.15	1.14	1.09	1.13	3.04	ppb
Sulfur	34-1	17075.73	1167.98	2951.50	7065.07	123.36	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	1.06	1.03	1.11	1.07	3.83	ppb
Thallium	205-1	1.04	1.07	0.99	1.04	3.58	ppb
Thorium	232-1	286.13	278.67	275.32	280.04	1.98	ppb
Tin	118-1	5.29	5.45	5.57	5.44	2.60	ppb
Titanium	47-1	5.75	6.18	5.38	5.77	6.96	ppb
Uranium	238-1	1.02	1.04	1.04	1.03	0.80	ppb
Vanadium	51-2	5.84	5.93	5.95	5.91	1.04	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:06:48	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.33	2.91	2.75	2.66	11.36	ppb
Zirconium	90-1	0.94	0.97	0.97	0.96	1.73	ppb
Zirconium	91-1	1.01	0.95	0.81	0.93	11.07	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:10:42	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1026.72	986.37	988.21	1000.43	2.28	ppb
Antimony	121-1	51.63	50.85	53.94	52.14	3.08	ppb
Arsenic	75-2	51.32	54.22	50.76	52.10	3.57	ppb
Barium	135-1	257.30	250.63	264.78	257.57	2.75	ppb
Barium	137-1	255.90	250.19	267.59	257.89	3.44	ppb
Beryllium	9-1	50.23	50.21	52.52	50.99	2.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	52.37	48.26	53.52	51.39	5.38	ppb
Boron	11-1	47.74	49.84	53.08	50.22	5.36	ppb
Cadmium	111-1	50.98	51.16	54.85	52.33	4.18	ppb
Cadmium	106-1	50.66	49.54	57.04	52.41	7.72	ppb
Cadmium	108-1	52.97	52.01	55.85	53.61	3.73	ppb
Calcium	43-1	4979.92	4891.05	5234.74	5035.24	3.54	ppb
Calcium	44-1	4999.24	5061.75	5182.09	5081.03	1.83	ppb
Chromium	52-2	53.99	56.54	52.75	54.43	3.55	ppb
Cobalt	59-2	56.01	58.00	53.30	55.77	4.23	ppb
Copper	63-2	114.62	118.70	110.38	114.57	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	2604.44	2642.52	2489.98	2578.98	3.08	ppb
Iron	57-2	2621.05	2728.06	2522.20	2623.77	3.92	ppb
Krypton	83-1						cps
Lead	206-1	50.88	50.21	52.97	51.35	2.79	ppb
Lead	207-1	50.45	50.06	52.70	51.07	2.79	ppb
Lead	208-1	50.00	49.52	52.67	50.73	3.34	ppb
Lithium	6-1				100		%
Magnesium	24-2	5089.66	5211.23	4955.07	5085.32	2.52	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:10:42	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	110.03	112.66	108.04	110.24	2.10	ppb
Molybdenum	94-1	255.57	249.35	261.71	255.55	2.42	ppb
Molybdenum	95-1	259.36	254.77	266.10	260.08	2.19	ppb
Molybdenum	96-1	257.35	251.32	265.45	258.04	2.75	ppb
Molybdenum	97-1	260.24	257.70	271.44	263.13	2.78	ppb
Molybdenum	98-1	255.99	252.77	262.31	257.02	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.84	58.70	53.20	55.91	4.92	ppb
Phosphorus	31-2	695.35	730.29	751.15	725.60	3.89	ppb
Potassium	39-2	2372.60	2450.05	2311.77	2378.14	2.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	45.16	48.34	49.80	47.77	4.97	ppb
Selenium	78-2	44.73	56.78	48.49	50.00	12.33	ppb
Selenium	82-1	53.01	52.21	54.97	53.40	2.66	ppb
Silicon	28-1	51.02	51.28	54.95	52.42	4.19	ppb
Silver	109-1	52.30	53.25	55.45	53.67	3.01	ppb
Silver	107-1	52.51	51.02	53.44	52.32	2.33	ppb
Sodium	23-2	5025.52	5142.30	4864.19	5010.67	2.79	ppb
Strontium	86-1	52.50	51.31	53.45	52.42	2.04	ppb
Strontium	88-1	51.41	50.54	52.52	51.49	1.93	ppb
Sulfur	34-1	-4048.47	-8989.23	-203.43	-4413.71		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	50.15	50.59	52.93	51.22	2.92	ppb
Thallium	205-1	49.41	49.06	51.76	50.08	2.93	ppb
Thorium	232-1	44.52	42.26	46.16	44.31	4.41	ppb
Tin	118-1	51.74	52.13	54.00	52.62	2.30	ppb
Titanium	47-1	249.23	256.96	260.94	255.71	2.33	ppb
Uranium	238-1	48.23	48.47	50.41	49.04	2.44	ppb
Vanadium	51-2	53.02	55.25	51.02	53.10	3.99	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:10:42	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	104.95	106.66	103.19	104.94	1.65	ppb
Zirconium	90-1	51.33	50.02	52.05	51.14	2.01	ppb
Zirconium	91-1	51.48	51.20	51.63	51.44	0.42	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:14:37	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2389.58	2381.66	2446.07	2405.77	1.46	ppb
Antimony	121-1	128.25	136.52	130.38	131.72	3.26	ppb
Arsenic	75-2	127.37	127.39	126.17	126.98	0.55	ppb
Barium	135-1	619.69	670.36	638.54	642.86	3.98	ppb
Barium	137-1	621.29	669.08	638.72	643.03	3.76	ppb
Beryllium	9-1	126.85	134.04	128.09	129.66	2.96	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	123.20	130.75	126.36	126.77	2.99	ppb
Boron	11-1	121.99	133.61	127.44	127.68	4.55	ppb
Cadmium	111-1	128.26	137.09	128.71	131.35	3.79	ppb
Cadmium	106-1	127.44	135.06	125.43	129.31	3.93	ppb
Cadmium	108-1	124.77	138.45	133.44	132.22	5.24	ppb
Calcium	43-1	12323.02	13231.93	12332.00	12628.99	4.13	ppb
Calcium	44-1	12446.19	13223.69	12385.58	12685.15	3.68	ppb
Chromium	52-2	132.58	132.37	134.24	133.06	0.77	ppb
Cobalt	59-2	135.73	135.02	136.11	135.62	0.41	ppb
Copper	63-2	280.23	276.28	278.53	278.35	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	6254.65	6242.20	6255.38	6250.74	0.12	ppb
Iron	57-2	6351.68	6374.79	6386.21	6370.89	0.28	ppb
Krypton	83-1						cps
Lead	206-1	127.80	136.46	129.10	131.12	3.56	ppb
Lead	207-1	126.52	132.02	128.25	128.93	2.18	ppb
Lead	208-1	126.34	132.52	127.52	128.79	2.55	ppb
Lithium	6-1				100		%
Magnesium	24-2	12370.26	12122.78	12449.98	12314.34	1.39	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:14:37	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	268.50	265.43	269.37	267.77	0.77	ppb
Molybdenum	94-1	617.63	662.22	627.70	635.85	3.68	ppb
Molybdenum	95-1	626.89	661.66	629.81	639.45	3.02	ppb
Molybdenum	96-1	611.94	661.51	627.67	633.71	4.00	ppb
Molybdenum	97-1	626.77	681.07	635.90	647.91	4.49	ppb
Molybdenum	98-1	611.44	658.52	620.93	630.30	3.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.04	137.46	138.80	138.43	0.62	ppb
Phosphorus	31-2	2633.31	2112.42	2525.71	2423.82	11.35	ppb
Potassium	39-2	5789.13	5736.13	5869.36	5798.21	1.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	120.11	115.65	130.72	122.16	6.34	ppb
Selenium	78-2	125.68	134.94	135.51	132.04	4.18	ppb
Selenium	82-1	128.72	136.88	130.27	131.96	3.29	ppb
Silicon	28-1	128.79	139.36	130.89	133.01	4.21	ppb
Silver	109-1	130.79	140.28	131.61	134.23	3.92	ppb
Silver	107-1	126.82	137.78	130.47	131.69	4.24	ppb
Sodium	23-2	12047.37	12056.40	12217.10	12106.96	0.79	ppb
Strontium	86-1	128.89	135.59	130.63	131.70	2.64	ppb
Strontium	88-1	127.36	134.32	128.12	129.93	2.94	ppb
Sulfur	34-1	-27778.20	-3089.90	-30460.87	-20442.99		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	129.67	134.68	127.19	130.51	2.93	ppb
Thallium	205-1	125.58	131.77	125.75	127.70	2.76	ppb
Thorium	232-1	122.93	133.72	113.95	123.53	8.01	ppb
Tin	118-1	128.42	137.76	133.11	133.10	3.51	ppb
Titanium	47-1	636.19	677.56	637.93	650.56	3.60	ppb
Uranium	238-1	122.95	128.39	121.16	124.16	3.03	ppb
Vanadium	51-2	130.52	128.88	130.94	130.11	0.84	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:14:37	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	254.33	251.85	254.32	253.50	0.57	ppb
Zirconium	90-1	125.86	134.80	126.53	129.06	3.86	ppb
Zirconium	91-1	124.74	133.67	128.35	128.92	3.48	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:18:30	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4844.19	4779.89	4837.57	4820.55	0.73	ppb
Antimony	121-1	258.75	253.05	254.77	255.52	1.14	ppb
Arsenic	75-2	249.21	250.11	256.47	251.93	1.57	ppb
Barium	135-1	1248.78	1228.59	1252.20	1243.19	1.03	ppb
Barium	137-1	1241.97	1231.19	1247.27	1240.15	0.66	ppb
Beryllium	9-1	255.77	253.98	255.06	254.94	0.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	250.62	259.04	253.72	254.46	1.67	ppb
Boron	11-1	251.05	251.57	254.44	252.35	0.72	ppb
Cadmium	111-1	255.62	248.03	250.26	251.30	1.55	ppb
Cadmium	106-1	254.89	245.06	241.56	247.17	2.80	ppb
Cadmium	108-1	256.10	253.59	254.09	254.59	0.52	ppb
Calcium	43-1	24851.99	25035.90	24423.40	24770.43	1.27	ppb
Calcium	44-1	24582.00	24504.76	24511.09	24532.62	0.17	ppb
Chromium	52-2	268.43	262.60	265.07	265.37	1.10	ppb
Cobalt	59-2	271.52	269.07	269.86	270.15	0.46	ppb
Copper	63-2	552.34	544.27	549.39	548.67	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	12564.49	12429.56	12644.21	12546.09	0.86	ppb
Iron	57-2	12761.03	12575.45	12838.49	12724.99	1.06	ppb
Krypton	83-1						cps
Lead	206-1	252.44	251.28	251.11	251.61	0.29	ppb
Lead	207-1	249.74	248.92	249.61	249.42	0.18	ppb
Lead	208-1	247.90	247.65	248.01	247.85	0.07	ppb
Lithium	6-1				102		%
Magnesium	24-2	24739.16	24315.92	24569.72	24541.60	0.87	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:18:30	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	538.93	520.33	535.16	531.47	1.85	ppb
Molybdenum	94-1	1254.44	1244.90	1255.77	1251.70	0.47	ppb
Molybdenum	95-1	1243.55	1234.13	1244.38	1240.68	0.46	ppb
Molybdenum	96-1	1234.60	1231.47	1234.26	1233.44	0.14	ppb
Molybdenum	97-1	1274.56	1266.47	1247.38	1262.80	1.10	ppb
Molybdenum	98-1	1243.06	1233.95	1227.94	1234.98	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	269.68	266.17	272.08	269.31	1.10	ppb
Phosphorus	31-2	5629.07	5249.92	4670.14	5183.04	9.32	ppb
Potassium	39-2	11705.54	11474.37	11566.57	11582.16	1.00	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	222.59	275.33	213.64	237.19	14.05	ppb
Selenium	78-2	247.41	261.20	261.41	256.67	3.13	ppb
Selenium	82-1	258.59	255.25	255.80	256.54	0.70	ppb
Silicon	28-1	250.70	254.04	256.04	253.59	1.06	ppb
Silver	109-1	260.71	257.18	257.17	258.35	0.79	ppb
Silver	107-1	254.19	248.47	249.17	250.61	1.24	ppb
Sodium	23-2	24363.04	23905.41	24584.77	24284.41	1.43	ppb
Strontium	86-1	256.06	256.80	258.60	257.15	0.51	ppb
Strontium	88-1	246.39	246.28	251.17	247.94	1.13	ppb
Sulfur	34-1	-30728.75	-24873.18	-25554.79	-27052.24		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	250.10	250.51	249.32	249.98	0.24	ppb
Thallium	205-1	242.71	242.60	243.72	243.01	0.25	ppb
Thorium	232-1	251.68	240.87	247.94	246.83	2.22	ppb
Tin	118-1	257.82	253.63	257.72	256.39	0.93	ppb
Titanium	47-1	1251.38	1253.98	1262.03	1255.80	0.44	ppb
Uranium	238-1	238.94	237.94	240.40	239.09	0.52	ppb
Vanadium	51-2	265.16	257.19	261.51	261.28	1.53	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:18:30	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	503.61	493.31	503.49	500.13	1.18	ppb
Zirconium	90-1	250.42	253.00	252.42	251.95	0.54	ppb
Zirconium	91-1	255.39	251.20	255.83	254.14	1.01	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:22:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9379.13	9533.74	9566.64	9493.17	1.05	ppb
Antimony	121-1	501.33	500.74	504.58	502.22	0.41	ppb
Arsenic	75-2	500.75	501.87	504.65	502.43	0.40	ppb
Barium	135-1	2475.08	2447.12	2440.38	2454.19	0.75	ppb
Barium	137-1	2432.33	2440.74	2414.19	2429.09	0.56	ppb
Beryllium	9-1	496.99	502.66	499.75	499.80	0.57	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	484.21	491.94	501.62	492.59	1.77	ppb
Boron	11-1	491.78	497.35	504.08	497.74	1.24	ppb
Cadmium	111-1	495.02	494.91	494.05	494.66	0.11	ppb
Cadmium	106-1	503.28	491.12	489.71	494.70	1.51	ppb
Cadmium	108-1	493.36	487.08	492.93	491.12	0.71	ppb
Calcium	43-1	49249.21	48760.44	49229.94	49079.86	0.56	ppb
Calcium	44-1	49650.98	48975.44	48672.85	49099.76	1.02	ppb
Chromium	52-2	503.98	510.38	518.29	510.88	1.40	ppb
Cobalt	59-2	511.23	520.15	520.31	517.23	1.01	ppb
Copper	63-2	1029.87	1052.05	1040.07	1040.66	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	23979.45	24171.94	24504.14	24218.51	1.10	ppb
Iron	57-2	23882.77	24653.65	24720.75	24419.06	1.91	ppb
Krypton	83-1						cps
Lead	206-1	504.27	506.68	500.39	503.78	0.63	ppb
Lead	207-1	507.56	501.38	496.22	501.72	1.13	ppb
Lead	208-1	496.90	494.73	490.76	494.13	0.63	ppb
Lithium	6-1				102		%
Magnesium	24-2	48006.73	48298.81	48807.15	48370.90	0.84	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:22:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1012.96	1036.55	1035.84	1028.45	1.31	ppb
Molybdenum	94-1	2414.92	2463.05	2431.66	2436.54	1.00	ppb
Molybdenum	95-1	2463.62	2497.15	2501.88	2487.55	0.84	ppb
Molybdenum	96-1	2487.92	2501.57	2511.55	2500.35	0.47	ppb
Molybdenum	97-1	2445.54	2446.62	2462.41	2451.52	0.39	ppb
Molybdenum	98-1	2483.14	2457.97	2516.87	2485.99	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.88	521.19	524.66	519.91	1.06	ppb
Phosphorus	31-2	10716.20	10762.41	9359.16	10279.26	7.76	ppb
Potassium	39-2	22417.44	22534.33	22553.84	22501.87	0.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	533.61	442.63	500.96	492.40	9.36	ppb
Selenium	78-2	488.18	492.68	509.21	496.69	2.23	ppb
Selenium	82-1	497.09	502.80	506.66	502.18	0.96	ppb
Silicon	28-1	513.10	516.63	519.75	516.49	0.64	ppb
Silver	109-1	495.30	494.86	493.72	494.63	0.16	ppb
Silver	107-1	487.01	481.97	479.03	482.67	0.84	ppb
Sodium	23-2	46755.60	47688.56	47595.14	47346.43	1.09	ppb
Strontium	86-1	499.38	506.75	504.93	503.69	0.76	ppb
Strontium	88-1	500.24	493.55	494.75	496.18	0.72	ppb
Sulfur	34-1	5512.86	1608.60	415.50	2512.32	106.12	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	507.26	507.76	500.59	505.20	0.79	ppb
Thallium	205-1	488.36	487.45	480.02	485.28	0.94	ppb
Thorium	232-1	468.78	447.39	453.48	456.55	2.41	ppb
Tin	118-1	504.95	502.50	507.34	504.93	0.48	ppb
Titanium	47-1	2510.15	2516.10	2498.56	2508.27	0.36	ppb
Uranium	238-1	504.22	500.04	484.63	496.30	2.08	ppb
Vanadium	51-2	504.66	508.85	511.31	508.27	0.66	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:22:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	932.53	948.69	953.08	944.77	1.15	ppb
Zirconium	90-1	490.95	500.96	496.57	496.16	1.01	ppb
Zirconium	91-1	501.71	500.24	499.90	500.62	0.19	ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 15:26:09 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18087.82	18190.45	17819.50	18032.59	1.06	ppb
Antimony	121-1	996.15	1001.04	992.50	996.56	0.43	ppb
Arsenic	75-2	1003.48	985.40	1004.98	997.95	1.09	ppb
Barium	135-1	5043.99	5015.45	5006.55	5021.99	0.39	ppb
Barium	137-1	5082.89	5002.12	5020.79	5035.27	0.84	ppb
Beryllium	9-1	999.18	998.69	996.84	998.24	0.12	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	1004.97	998.07	1003.94	1002.33	0.37	ppb
Boron	11-1	1003.79	990.92	1005.89	1000.20	0.81	ppb
Cadmium	111-1	1000.88	1004.25	999.18	1001.43	0.26	ppb
Cadmium	106-1	993.52	1006.16	1008.41	1002.70	0.80	ppb
Cadmium	108-1	1007.59	995.72	1003.31	1002.21	0.60	ppb
Calcium	43-1	97190.03	98745.12	95715.24	97216.80	1.56	ppb
Calcium	44-1	96936.36	97890.83	96168.45	96998.55	0.89	ppb
Chromium	52-2	992.20	999.09	977.17	989.49	1.13	ppb
Cobalt	59-2	991.04	995.70	967.46	984.73	1.54	ppb
Copper	63-2	1978.78	1973.54	1937.36	1963.23	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	47038.92	46875.06	45813.85	46575.94	1.43	ppb
Iron	57-2	47238.95	47267.91	45968.02	46824.96	1.59	ppb
Krypton	83-1						cps
Lead	206-1	999.78	994.34	996.51	996.88	0.27	ppb
Lead	207-1	1013.74	987.75	994.73	998.74	1.35	ppb
Lead	208-1	1012.33	991.83	1004.73	1002.96	1.03	ppb
Lithium	6-1				104		%
Magnesium	24-2	94057.42	93471.64	91023.30	92850.79	1.73	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:26:09	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1980.75	1995.08	1949.69	1975.17	1.17	ppb
Molybdenum	94-1	4994.62	5021.33	5073.05	5029.67	0.79	ppb
Molybdenum	95-1	5014.57	4979.35	5024.81	5006.24	0.48	ppb
Molybdenum	96-1	5005.67	5039.62	4962.14	5002.48	0.78	ppb
Molybdenum	97-1	5018.72	5017.38	5016.45	5017.52	0.02	ppb
Molybdenum	98-1	5023.70	5028.61	4976.92	5009.74	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.45	985.72	965.56	983.24	1.69	ppb
Phosphorus	31-2	20731.16	20077.48	18704.91	19837.85	5.21	ppb
Potassium	39-2	43860.51	43502.85	43157.08	43506.81	0.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				113		%
Selenium	77-2	1028.14	1015.75	978.52	1007.47	2.56	ppb
Selenium	78-2	986.42	996.02	1014.88	999.11	1.45	ppb
Selenium	82-1	992.13	1001.91	994.64	996.23	0.51	ppb
Silicon	28-1	997.40	992.22	979.68	989.76	0.92	ppb
Silver	109-1	984.17	1026.23	987.39	999.26	2.34	ppb
Silver	107-1	1002.29	1012.52	1007.87	1007.56	0.51	ppb
Sodium	23-2	92637.86	92785.70	89395.48	91606.35	2.09	ppb
Strontium	86-1	1005.06	988.25	992.91	995.41	0.87	ppb
Strontium	88-1	1009.09	998.09	998.02	1001.73	0.64	ppb
Sulfur	34-1	36599.06	38676.97	29410.35	34895.46	13.93	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	993.30	994.59	1002.08	996.65	0.48	ppb
Thallium	205-1	1016.02	1002.30	1007.98	1008.77	0.68	ppb
Thorium	232-1	1029.42	1018.67	1020.03	1022.71	0.57	ppb
Tin	118-1	995.09	991.76	997.52	994.79	0.29	ppb
Titanium	47-1	5010.19	5040.03	4922.58	4990.93	1.22	ppb
Uranium	238-1	1013.25	1000.50	1000.43	1004.73	0.73	ppb
Vanadium	51-2	1002.00	997.26	977.46	992.24	1.31	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:26:09	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2037.45	2048.71	1994.53	2026.90	1.41	ppb
Zirconium	90-1	999.14	1001.84	1001.63	1000.87	0.15	ppb
Zirconium	91-1	999.00	1005.48	989.81	998.10	0.79	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:29:54	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87160.88	110976.77	103228.82	100455.49	12.09	ppb
Antimony	121-1	1.09	1.15	1.21	1.15	5.23	ppb
Arsenic	75-2	0.33	0.74	0.58	0.55	37.41	ppb
Barium	135-1	1.02	0.94	0.90	0.95	6.53	ppb
Barium	137-1	0.97	1.12	1.06	1.05	6.96	ppb
Beryllium	9-1	0.13	0.13	0.14	0.14	5.66	ppb
Bismuth	209-1				82		%
Bismuth	209-2				82		%
Boron	10-1	51.98	49.04	45.85	48.96	6.26	ppb
Boron	11-1	51.67	47.94	44.57	48.06	7.38	ppb
Cadmium	111-1	0.32	0.34	0.29	0.32	8.15	ppb
Cadmium	106-1	0.66	1.23	0.85	0.91	31.91	ppb
Cadmium	108-1	0.42	0.38	0.38	0.39	6.41	ppb
Calcium	43-1	498053.77	503493.29	500422.57	500656.54	0.54	ppb
Calcium	44-1	497682.81	504516.37	499925.50	500708.23	0.70	ppb
Chromium	52-2	35.86	45.73	42.51	41.37	12.16	ppb
Cobalt	59-2	1.86	2.28	2.22	2.12	10.71	ppb
Copper	63-2	3.57	4.32	3.90	3.93	9.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				98		%
Iron	56-2	219403.12	279988.43	252887.99	250759.85	12.10	ppb
Iron	57-2	218184.58	280027.73	253820.46	250677.59	12.38	ppb
Krypton	83-1						cps
Lead	206-1	3.21	3.12	3.26	3.19	2.22	ppb
Lead	207-1	3.36	3.17	3.18	3.24	3.24	ppb
Lead	208-1	3.22	3.17	3.22	3.20	0.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	433801.80	558072.56	512983.86	501619.41	12.54	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:29:54	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.32	10.77	9.30	9.46	13.07	ppb
Molybdenum	94-1	4.81	4.47	4.24	4.51	6.39	ppb
Molybdenum	95-1	5.76	5.87	6.08	5.90	2.76	ppb
Molybdenum	96-1	7.39	7.80	7.87	7.69	3.41	ppb
Molybdenum	97-1	5.58	5.85	6.11	5.85	4.51	ppb
Molybdenum	98-1	5.77	5.72	5.78	5.75	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.04	31.91	28.49	28.48	12.05	ppb
Phosphorus	31-2	-170.20	-73.09	-104.56	-115.95		ppb
Potassium	39-2	217395.15	280030.42	257395.01	251606.86	12.61	ppb
Rhodium	103-1				87		%
Rhodium	103-2				90		%
Scandium	45-1				105		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.80	1.16	0.35	0.77	52.69	ppb
Selenium	82-1	0.50	1.14	1.60	1.08	51.24	ppb
Silicon	28-1	89.06	90.21	90.53	89.93	0.86	ppb
Silver	109-1	0.17	0.18	0.16	0.17	5.69	ppb
Silver	107-1	0.16	0.18	0.17	0.17	6.88	ppb
Sodium	23-2	437999.50	559464.22	508505.00	501989.58	12.15	ppb
Strontium	86-1	4.55	4.07	4.45	4.36	5.79	ppb
Strontium	88-1	4.41	4.43	4.46	4.43	0.55	ppb
Sulfur	34-1	-26757.34	-27097.53	-28889.63	-27581.50		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.41	0.42	0.38	0.40	5.60	ppb
Thallium	205-1	0.43	0.35	0.38	0.39	11.04	ppb
Thorium	232-1	9.15	11.38	6.77	9.10	25.29	ppb
Tin	118-1	0.52	0.56	0.51	0.53	5.20	ppb
Titanium	47-1	2.09	2.30	2.46	2.28	8.12	ppb
Uranium	238-1	0.13	0.12	0.10	0.12	12.56	ppb
Vanadium	51-2	0.28	0.38	0.35	0.34	15.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:29:54	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	35.31	43.95	40.30	39.85	10.88	ppb
Zirconium	90-1	0.24	0.26	0.25	0.25	3.62	ppb
Zirconium	91-1	0.27	0.27	0.28	0.27	2.50	ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 15:40:52 DataFile Name : 013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	431.81	460.89	443.16	445.29	3.29	ppb
Antimony	121-1	206.04	209.48	206.25	207.26	0.93	ppb
Arsenic	75-2	204.41	205.64	209.19	206.42	1.20	ppb
Barium	135-1	101.10	102.06	103.08	102.08	0.97	ppb
Barium	137-1	101.93	102.77	101.13	101.94	0.81	ppb
Beryllium	9-1	98.52	98.11	97.99	98.20	0.28	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	11.52	10.44	11.01	10.99	4.89	ppb
Boron	11-1	12.27	11.76	11.56	11.86	3.10	ppb
Cadmium	111-1	103.38	101.95	103.64	102.99	0.88	ppb
Cadmium	106-1	81.61	81.37	78.84	80.60	1.90	ppb
Cadmium	108-1	87.45	87.62	83.34	86.14	2.81	ppb
Calcium	43-1	1953.35	1909.26	1942.22	1934.94	1.19	ppb
Calcium	44-1	1942.91	1943.78	1911.01	1932.57	0.97	ppb
Chromium	52-2	99.93	105.01	98.96	101.30	3.21	ppb
Cobalt	59-2	103.21	108.02	103.90	105.04	2.48	ppb
Copper	63-2	106.92	112.20	106.07	108.40	3.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	967.65	1012.25	979.54	986.48	2.34	ppb
Iron	57-2	984.75	1029.87	969.98	994.87	3.14	ppb
Krypton	83-1						cps
Lead	206-1	215.74	212.78	219.65	216.05	1.59	ppb
Lead	207-1	214.53	211.85	214.61	213.66	0.74	ppb
Lead	208-1	212.00	210.62	212.99	211.87	0.56	ppb
Lithium	6-1				113		%
Magnesium	24-2	1151.58	1220.05	1167.00	1179.54	3.05	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:40:52	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.44	103.28	100.18	100.97	2.02	ppb
Molybdenum	94-1	0.12	0.10	0.12	0.11	12.20	ppb
Molybdenum	95-1	0.13	0.11	0.13	0.12	8.13	ppb
Molybdenum	96-1	0.17	0.13	0.17	0.16	12.06	ppb
Molybdenum	97-1	0.14	0.13	0.14	0.13	4.83	ppb
Molybdenum	98-1	0.11	0.13	0.14	0.13	12.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.74	112.23	106.28	108.75	2.85	ppb
Phosphorus	31-2	-228.97	-330.54	-307.52	-289.01		ppb
Potassium	39-2	1810.32	1928.72	1834.40	1857.81	3.37	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				116		%
Selenium	77-2	189.24	201.83	210.45	200.50	5.32	ppb
Selenium	78-2	213.12	211.98	209.28	211.46	0.93	ppb
Selenium	82-1	203.86	205.31	207.08	205.42	0.78	ppb
Silicon	28-1	1.74	1.75	1.91	1.80	5.35	ppb
Silver	109-1	109.64	110.42	110.00	110.02	0.35	ppb
Silver	107-1	106.33	107.36	104.61	106.10	1.31	ppb
Sodium	23-2	1847.67	1928.93	1847.60	1874.73	2.50	ppb
Strontium	86-1	2.28	2.35	2.45	2.36	3.62	ppb
Strontium	88-1	2.41	2.37	2.35	2.38	1.19	ppb
Sulfur	34-1	-27463.55	-33070.63	-40074.58	-33536.25		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	218.78	213.61	222.02	218.14	1.94	ppb
Thallium	205-1	212.93	209.39	212.77	211.70	0.94	ppb
Thorium	232-1	-0.19	-0.77	-0.21	-0.39		ppb
Tin	118-1	0.10	0.08	0.12	0.10	18.39	ppb
Titanium	47-1	0.24	0.26	0.20	0.24	13.61	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	3.80	ppb
Vanadium	51-2	99.67	104.04	99.08	100.93	2.68	ppb
Yttrium	89-1				109		%
Yttrium	89-2				111		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:40:52	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	189.06	197.31	191.51	192.63	2.20	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	8.30	ppb
Zirconium	91-1	0.13	0.09	0.08	0.10	22.98	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:45:39	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.00	17.09	17.46	17.85	5.66	ppb
Antimony	121-1	2.00	1.96	1.98	1.98	0.94	ppb
Arsenic	75-2	1.05	1.04	1.14	1.08	4.84	ppb
Barium	135-1	9.72	9.38	9.82	9.64	2.38	ppb
Barium	137-1	9.31	9.64	9.73	9.56	2.32	ppb
Beryllium	9-1	0.93	0.95	0.99	0.96	3.09	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	29.73	29.87	29.81	29.80	0.24	ppb
Boron	11-1	28.81	29.45	28.83	29.03	1.26	ppb
Cadmium	111-1	1.06	0.99	0.82	0.96	12.88	ppb
Cadmium	106-1	2.15	0.94	-0.25	0.94	126.98	ppb
Cadmium	108-1	0.73	1.12	1.12	0.99	22.85	ppb
Calcium	43-1	454.24	419.95	473.59	449.26	6.05	ppb
Calcium	44-1	453.92	453.04	439.13	448.70	1.85	ppb
Chromium	52-2	1.95	1.93	1.95	1.94	0.60	ppb
Cobalt	59-2	1.07	1.00	0.90	0.99	8.69	ppb
Copper	63-2	1.89	1.87	2.00	1.92	3.55	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				101		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	51.37	49.47	50.50	50.44	1.89	ppb
Iron	57-2	48.37	56.64	52.79	52.60	7.87	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.90	0.92	0.90	1.17	ppb
Lead	207-1	0.89	0.99	0.94	0.94	4.92	ppb
Lead	208-1	0.93	0.95	0.95	0.94	1.44	ppb
Lithium	6-1				113		%
Magnesium	24-2	472.69	459.26	477.23	469.73	1.99	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:45:39	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	0.92	1.05	1.00	7.25	ppb
Molybdenum	94-1	4.56	4.43	4.71	4.57	3.07	ppb
Molybdenum	95-1	4.56	4.52	4.46	4.51	1.17	ppb
Molybdenum	96-1	4.46	4.71	4.62	4.60	2.74	ppb
Molybdenum	97-1	4.73	4.55	4.61	4.63	1.94	ppb
Molybdenum	98-1	4.63	4.50	4.82	4.65	3.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	1.02	0.98	0.98	4.70	ppb
Phosphorus	31-2	259.31	361.69	306.47	309.15	16.58	ppb
Potassium	39-2	425.08	412.14	448.22	428.48	4.27	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	77-2	7.17	4.68	4.81	5.55	25.15	ppb
Selenium	78-2	4.45	6.52	5.97	5.65	19.01	ppb
Selenium	82-1	5.73	5.41	4.53	5.22	11.91	ppb
Silicon	28-1	7.92	7.35	7.36	7.54	4.36	ppb
Silver	109-1	0.90	0.90	0.90	0.90	0.08	ppb
Silver	107-1	0.94	0.96	0.91	0.94	2.87	ppb
Sodium	23-2	445.68	431.64	459.81	445.71	3.16	ppb
Strontium	86-1	0.99	1.00	0.92	0.97	4.47	ppb
Strontium	88-1	0.96	0.95	0.97	0.96	1.01	ppb
Sulfur	34-1	-24868.91	-33116.67	-29258.78	-29081.45		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.93	0.95	0.96	0.95	1.86	ppb
Thallium	205-1	1.00	1.04	1.05	1.03	2.49	ppb
Thorium	232-1	248.53	238.65	249.99	245.72	2.51	ppb
Tin	118-1	4.69	4.99	4.85	4.84	3.08	ppb
Titanium	47-1	4.99	5.02	5.05	5.02	0.65	ppb
Uranium	238-1	0.89	0.85	0.88	0.87	2.24	ppb
Vanadium	51-2	4.84	4.91	5.20	4.99	3.83	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:45:39	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.50	2.89	2.75	2.71	7.29	ppb
Zirconium	90-1	0.88	0.84	0.78	0.83	5.87	ppb
Zirconium	91-1	1.02	0.84	0.86	0.91	10.86	ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 15:52:52 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	0.34	0.32	0.28	33.50	ppb
Antimony	121-1	0.05	0.04	0.07	0.05	30.84	ppb
Arsenic	75-2	0.00	0.04	0.01	0.02	119.42	ppb
Barium	135-1	-0.02	-0.02	-0.01	-0.02		ppb
Barium	137-1	0.02	0.01	0.01	0.01	17.24	ppb
Beryllium	9-1	0.00	0.04	0.01	0.02	115.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	4.73	4.72	4.62	4.69	1.22	ppb
Boron	11-1	5.02	5.05	5.44	5.17	4.58	ppb
Cadmium	111-1	0.09	0.07	0.01	0.06	69.41	ppb
Cadmium	106-1	1.16	0.77	-0.23	0.56	127.60	ppb
Cadmium	108-1	0.01	-0.03	0.01	0.00		ppb
Calcium	43-1	-1.28	1.59	0.19	0.17	867.07	ppb
Calcium	44-1	0.66	0.19	0.88	0.58	61.13	ppb
Chromium	52-2	-0.03	0.04	-0.03	-0.01		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.03	0.00	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	0.45	0.50	0.13	0.36	55.17	ppb
Iron	57-2	0.16	1.45	0.32	0.64	109.14	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.04	0.03	67.97	ppb
Lead	207-1	0.04	0.05	-0.01	0.03	106.24	ppb
Lead	208-1	0.02	0.04	0.03	0.03	32.98	ppb
Lithium	6-1				110		%
Magnesium	24-2	0.57	0.24	0.49	0.43	40.20	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:52:52	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.04	-0.01	-0.03		ppb
Molybdenum	94-1	0.00	0.01	0.00	0.00	185.66	ppb
Molybdenum	95-1	0.03	0.04	0.02	0.03	27.73	ppb
Molybdenum	96-1	0.02	-0.01	0.04	0.02	137.27	ppb
Molybdenum	97-1	0.01	0.03	0.01	0.01	92.60	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.02	45.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-298.31	-267.44	-154.92	-240.22		ppb
Potassium	39-2	4.22	6.11	8.97	6.44	37.17	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.12	1.31	-0.45	0.25	380.50	ppb
Selenium	82-1	-0.14	-0.65	0.48	-0.11		ppb
Silicon	28-1	0.76	1.00	1.67	1.14	41.27	ppb
Silver	109-1	0.00	0.00	0.00	0.00	224.72	ppb
Silver	107-1	0.01	0.00	0.00	0.01	114.09	ppb
Sodium	23-2	5.03	3.13	3.50	3.89	25.95	ppb
Strontium	86-1	0.03	-0.04	0.05	0.01	394.98	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	134.90	ppb
Sulfur	34-1	-14646.94	-15258.55	-9526.36	-13143.95		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.04	0.03	42.93	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.77	ppb
Thorium	232-1	0.53	2.70	2.78	2.00	63.69	ppb
Tin	118-1	0.02	0.02	0.04	0.03	23.99	ppb
Titanium	47-1	0.04	0.01	0.01	0.02	96.12	ppb
Uranium	238-1	0.00	0.01	0.03	0.01	117.63	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:52:52	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	-0.04	0.07	0.03	181.68	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	103.78	ppb
Zirconium	91-1	-0.01	0.00	0.02	0.01	262.22	ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 15:56:26 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82924.24	83478.36	82199.56	82867.39	0.77	ppb
Antimony	121-1	1.26	1.20	1.20	1.22	2.74	ppb
Arsenic	75-2	0.37	0.32	0.32	0.33	8.88	ppb
Barium	135-1	1.75	1.48	1.52	1.58	9.21	ppb
Barium	137-1	1.43	1.48	1.49	1.47	2.05	ppb
Beryllium	9-1	0.29	0.27	0.26	0.27	5.28	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	5.01	4.90	4.89	4.93	1.30	ppb
Boron	11-1	5.42	5.16	5.53	5.37	3.54	ppb
Cadmium	111-1	0.57	0.47	0.50	0.51	10.33	ppb
Cadmium	106-1	-0.06	0.35	0.26	0.18	119.99	ppb
Cadmium	108-1	13.23	12.72	12.01	12.65	4.83	ppb
Calcium	43-1	96078.73	95564.06	96787.38	96143.39	0.64	ppb
Calcium	44-1	96307.74	97275.62	96742.62	96775.33	0.50	ppb
Chromium	52-2	20.40	20.57	20.02	20.33	1.39	ppb
Cobalt	59-2	1.20	1.27	1.27	1.25	3.10	ppb
Copper	63-2	8.03	7.96	7.66	7.88	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	94554.04	94826.11	93527.34	94302.50	0.73	ppb
Iron	57-2	92620.68	94232.23	92992.86	93281.92	0.90	ppb
Krypton	83-1						cps
Lead	206-1	5.11	5.02	4.97	5.03	1.41	ppb
Lead	207-1	4.50	4.43	4.49	4.48	0.80	ppb
Lead	208-1	4.65	4.67	4.62	4.65	0.45	ppb
Lithium	6-1				106		%
Magnesium	24-2	96528.92	95664.59	94828.37	95673.96	0.89	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:56:26	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.02	8.41	7.82	8.08	3.71	ppb
Molybdenum	94-1	1304.02	1310.42	1296.77	1303.74	0.52	ppb
Molybdenum	95-1	1853.00	1846.52	1856.57	1852.03	0.28	ppb
Molybdenum	96-1	1749.16	1763.62	1742.07	1751.62	0.63	ppb
Molybdenum	97-1	1868.18	1880.89	1873.01	1874.03	0.34	ppb
Molybdenum	98-1	1885.35	1909.94	1864.35	1886.55	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.40	5.80	5.35	5.51	4.50	ppb
Phosphorus	31-2	998226.60	981065.16	977556.40	985616.05	1.12	ppb
Potassium	39-2	91956.06	91978.01	91949.18	91961.08	0.02	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.79	0.00	0.26	173.21	ppb
Selenium	78-2	0.33	-0.19	0.05	0.06	425.52	ppb
Selenium	82-1	0.30	0.02	-0.10	0.07	276.65	ppb
Silicon	28-1	19.44	19.01	19.80	19.42	2.02	ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.52	ppb
Silver	107-1	0.02	0.02	0.01	0.02	28.60	ppb
Sodium	23-2	92731.29	92783.56	92163.38	92559.41	0.37	ppb
Strontium	86-1	35.64	36.91	35.69	36.08	2.00	ppb
Strontium	88-1	35.28	35.14	35.90	35.44	1.13	ppb
Sulfur	34-1	4817405.95	4775668.37	4795791.34	4796288.55	0.44	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.08	0.13	0.10	20.72	ppb
Thallium	205-1	0.12	0.10	0.10	0.11	10.62	ppb
Thorium	232-1	1.31	1.95	1.89	1.72	20.75	ppb
Tin	118-1	0.18	0.17	0.19	0.18	3.73	ppb
Titanium	47-1	2038.58	2061.15	2074.09	2057.94	0.87	ppb
Uranium	238-1	0.05	0.05	0.04	0.05	10.38	ppb
Vanadium	51-2	0.20	0.16	0.18	0.18	10.17	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:56:26	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.30	10.92	9.84	10.69	7.11	ppb
Zirconium	90-1	0.03	0.05	0.04	0.04	23.28	ppb
Zirconium	91-1	0.03	0.02	0.04	0.03	45.11	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:59:59	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83895.80	83017.53	82980.65	83297.99	0.62	ppb
Antimony	121-1	22.07	21.86	22.24	22.06	0.86	ppb
Arsenic	75-2	20.73	20.28	20.56	20.52	1.12	ppb
Barium	135-1	22.53	23.06	22.65	22.75	1.24	ppb
Barium	137-1	22.39	22.62	22.33	22.45	0.69	ppb
Beryllium	9-1	20.68	20.67	20.06	20.47	1.74	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	4.19	4.91	5.11	4.74	10.22	ppb
Boron	11-1	5.03	4.79	5.11	4.98	3.33	ppb
Cadmium	111-1	20.41	20.60	19.72	20.25	2.28	ppb
Cadmium	106-1	15.16	13.98	14.46	14.53	4.09	ppb
Cadmium	108-1	29.84	29.92	28.16	29.31	3.39	ppb
Calcium	43-1	94006.57	95578.75	95825.95	95137.09	1.04	ppb
Calcium	44-1	95410.07	96709.21	97073.37	96397.55	0.91	ppb
Chromium	52-2	41.64	41.17	40.39	41.07	1.54	ppb
Cobalt	59-2	22.73	22.66	22.04	22.48	1.70	ppb
Copper	63-2	29.04	29.31	29.29	29.22	0.53	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				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	95852.03	95725.22	94516.11	95364.45	0.77	ppb
Iron	57-2	95361.42	94229.06	93963.50	94517.99	0.79	ppb
Krypton	83-1						cps
Lead	206-1	26.44	26.38	26.94	26.59	1.15	ppb
Lead	207-1	24.38	24.89	25.09	24.79	1.47	ppb
Lead	208-1	24.96	25.25	25.45	25.22	0.98	ppb
Lithium	6-1				109		%
Magnesium	24-2	97091.67	96354.52	96482.71	96642.97	0.41	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:59:59	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.79	28.71	29.21	28.90	0.93	ppb
Molybdenum	94-1	1275.99	1316.92	1302.19	1298.37	1.60	ppb
Molybdenum	95-1	1833.75	1843.70	1839.03	1838.83	0.27	ppb
Molybdenum	96-1	1745.07	1776.10	1776.52	1765.90	1.02	ppb
Molybdenum	97-1	1888.20	1899.00	1884.21	1890.47	0.40	ppb
Molybdenum	98-1	1882.80	1898.82	1922.49	1901.37	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.44	27.02	26.31	26.26	3.01	ppb
Phosphorus	31-2	1009655.43	1005144.77	984463.34	999754.52	1.34	ppb
Potassium	39-2	93760.87	93021.42	93619.85	93467.38	0.42	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				114		%
Scandium	45-2				117		%
Selenium	77-2	15.15	21.35	17.79	18.10	17.19	ppb
Selenium	78-2	17.72	21.40	22.77	20.63	12.65	ppb
Selenium	82-1	19.02	20.76	20.45	20.08	4.63	ppb
Silicon	28-1	21.02	21.65	21.96	21.54	2.22	ppb
Silver	109-1	20.10	19.61	19.78	19.83	1.26	ppb
Silver	107-1	19.50	19.28	19.63	19.47	0.92	ppb
Sodium	23-2	93662.39	94372.47	92198.42	93411.09	1.19	ppb
Strontium	86-1	36.00	36.34	35.57	35.97	1.06	ppb
Strontium	88-1	34.95	35.29	35.37	35.21	0.63	ppb
Sulfur	34-1	4698829.89	4694710.83	4767529.41	4720356.71	0.87	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	21.72	22.38	22.82	22.30	2.48	ppb
Thallium	205-1	21.52	21.54	21.14	21.40	1.05	ppb
Thorium	232-1	-1.68	1.41	0.76	0.16	989.89	ppb
Tin	118-1	0.14	0.16	0.22	0.17	22.35	ppb
Titanium	47-1	2045.92	2046.42	2049.41	2047.25	0.09	ppb
Uranium	238-1	0.01	0.03	0.04	0.02	54.04	ppb
Vanadium	51-2	21.42	21.29	20.59	21.10	2.12	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:59:59	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.47	30.62	30.07	30.05	1.92	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	20.45	ppb
Zirconium	91-1	0.04	0.01	0.01	0.02	68.90	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:29:04	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61.48	64.41	57.90	61.26	5.32	ppb
Antimony	121-1	0.37	0.35	0.38	0.37	4.23	ppb
Arsenic	75-2	511.83	506.59	516.27	511.57	0.95	ppb
Barium	135-1	0.20	0.20	0.23	0.21	9.20	ppb
Barium	137-1	0.26	0.22	0.25	0.24	8.76	ppb
Beryllium	9-1	0.05	0.03	0.02	0.03	31.85	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Boron	10-1	6.31	5.12	4.88	5.44	14.08	ppb
Boron	11-1	6.54	5.62	5.39	5.85	10.41	ppb
Cadmium	111-1	0.05	0.07	0.01	0.04	66.51	ppb
Cadmium	106-1	0.32	0.33	-0.29	0.12	293.79	ppb
Cadmium	108-1	0.06	0.01	0.01	0.03	89.74	ppb
Calcium	43-1	86.95	87.06	95.86	89.96	5.68	ppb
Calcium	44-1	78.70	77.89	79.52	78.70	1.04	ppb
Chromium	52-2	541.81	544.34	536.48	540.88	0.74	ppb
Cobalt	59-2	0.97	0.95	0.84	0.92	7.49	ppb
Copper	63-2	2.03	2.08	2.25	2.12	5.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	131678.62	130310.47	128886.54	130291.88	1.07	ppb
Iron	57-2	127069.11	129577.34	127543.69	128063.38	1.04	ppb
Krypton	83-1						cps
Lead	206-1	532.48	521.95	528.75	527.73	1.01	ppb
Lead	207-1	538.47	535.06	540.32	537.95	0.50	ppb
Lead	208-1	525.25	519.19	524.60	523.01	0.64	ppb
Lithium	6-1				112		%
Magnesium	24-2	264182.33	269761.97	263008.55	265650.95	1.36	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:29:04	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1099.92	1108.19	1083.53	1097.21	1.14	ppb
Molybdenum	94-1	0.98	1.22	1.10	1.10	11.09	ppb
Molybdenum	95-1	1.33	1.38	1.26	1.32	4.66	ppb
Molybdenum	96-1	2.68	2.45	2.55	2.56	4.50	ppb
Molybdenum	97-1	1.49	1.25	1.42	1.39	8.99	ppb
Molybdenum	98-1	1.37	1.33	1.31	1.34	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.63	8.84	8.64	8.70	1.35	ppb
Phosphorus	31-2	-191.48	-162.70	-191.78	-181.99		ppb
Potassium	39-2	24.90	17.60	18.48	20.32	19.61	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.95	0.87	-0.34	0.49	147.22	ppb
Selenium	82-1	0.56	1.27	0.34	0.72	67.46	ppb
Silicon	28-1	2.76	2.79	2.74	2.77	0.92	ppb
Silver	109-1	0.03	0.03	0.02	0.03	13.99	ppb
Silver	107-1	0.02	0.02	0.03	0.02	25.21	ppb
Sodium	23-2	38.26	36.27	35.93	36.82	3.41	ppb
Strontium	86-1	0.19	0.05	0.04	0.09	88.53	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	12.38	ppb
Sulfur	34-1	-7505.96	-6825.38	-2798.24	-5709.86		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.08	0.10	0.09	13.22	ppb
Thallium	205-1	0.10	0.08	0.08	0.09	9.63	ppb
Thorium	232-1	0.42	2.70	1.93	1.68	68.88	ppb
Tin	118-1	0.04	0.06	0.07	0.06	23.13	ppb
Titanium	47-1	0.15	0.20	0.15	0.17	17.73	ppb
Uranium	238-1	0.03	0.02	0.01	0.02	38.06	ppb
Vanadium	51-2	0.11	0.09	0.07	0.09	21.58	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:29:04	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.02	6.55	5.78	6.11	6.43	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	43.54	ppb
Zirconium	91-1	0.24	0.21	0.26	0.24	9.84	ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 16:33:29 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.61	0.62	0.41	87.25	ppb
Antimony	121-1	0.05	0.04	0.03	0.04	22.05	ppb
Arsenic	75-2	0.04	0.04	0.01	0.03	50.77	ppb
Barium	135-1	-0.01	0.00	0.02	0.00	371.49	ppb
Barium	137-1	0.01	0.02	0.03	0.02	43.47	ppb
Beryllium	9-1	0.01	0.03	0.00	0.01	100.08	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	3.66	3.70	4.56	3.97	12.77	ppb
Boron	11-1	4.46	4.31	4.18	4.32	3.28	ppb
Cadmium	111-1	0.02	0.07	0.04	0.04	60.09	ppb
Cadmium	106-1	0.18	0.67	0.51	0.45	55.82	ppb
Cadmium	108-1	0.01	-0.03	0.06	0.01	313.29	ppb
Calcium	43-1	2.74	-0.89	1.83	1.23	153.93	ppb
Calcium	44-1	3.09	2.47	2.85	2.80	11.05	ppb
Chromium	52-2	0.07	-0.04	0.06	0.03	209.91	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.02	-0.01	-0.06	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	7.02	6.72	5.37	6.37	13.77	ppb
Iron	57-2	5.32	5.69	5.28	5.43	4.19	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.01	0.04	58.97	ppb
Lead	207-1	0.04	0.05	0.07	0.05	24.37	ppb
Lead	208-1	0.05	0.06	0.04	0.05	19.74	ppb
Lithium	6-1				110		%
Magnesium	24-2	12.52	12.37	9.16	11.35	16.74	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:33:29	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.02	0.04	0.04	43.02	ppb
Molybdenum	94-1	0.02	0.00	0.01	0.01	85.53	ppb
Molybdenum	95-1	0.04	0.06	0.04	0.05	28.13	ppb
Molybdenum	96-1	0.04	0.05	0.03	0.04	17.71	ppb
Molybdenum	97-1	0.01	0.02	0.03	0.02	39.57	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	12.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.02	0.00		ppb
Phosphorus	31-2	-218.71	-303.03	-272.75	-264.83		ppb
Potassium	39-2	7.98	4.04	13.30	8.44	55.06	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.17	1.11	0.85	1.04	16.33	ppb
Selenium	82-1	-0.18	-0.30	-0.18	-0.22		ppb
Silicon	28-1	1.83	1.95	1.68	1.82	7.64	ppb
Silver	109-1	0.01	0.01	0.00	0.00	102.79	ppb
Silver	107-1	0.01	0.01	0.01	0.01	35.24	ppb
Sodium	23-2	6.01	7.31	6.82	6.71	9.76	ppb
Strontium	86-1	0.13	-0.07	0.06	0.04	250.19	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	92.33	ppb
Sulfur	34-1	9962.28	9979.17	4847.03	8262.83	35.80	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.02	0.00	0.01	69.35	ppb
Thallium	205-1	0.04	0.02	0.02	0.03	23.45	ppb
Thorium	232-1	-1.55	-0.16	-2.87	-1.53		ppb
Tin	118-1	0.01	0.03	0.01	0.01	103.23	ppb
Titanium	47-1	0.11	0.06	0.12	0.10	34.68	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	49.83	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	286.34	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:33:29	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	0.08	0.03	0.03	212.50	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : PB124583BL Instrumnet Name : P7
 Client Sample ID : PBS583 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 16:37:03 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.16	0.45	0.20	114.48	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	29.57	ppb
Arsenic	75-2	-0.01	0.01	0.04	0.01	215.32	ppb
Barium	135-1	-0.04	-0.03	0.00	-0.02		ppb
Barium	137-1	0.01	0.01	0.04	0.02	87.71	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	43.83	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	3.68	3.65	3.87	3.73	3.18	ppb
Boron	11-1	3.93	3.67	3.55	3.72	5.23	ppb
Cadmium	111-1	-0.01	0.01	0.08	0.03	161.10	ppb
Cadmium	106-1	-0.21	0.12	0.90	0.27	210.87	ppb
Cadmium	108-1	-0.03	-0.03	-0.03	-0.03		ppb
Calcium	43-1	0.96	-1.30	1.32	0.33	432.25	ppb
Calcium	44-1	2.46	1.07	1.41	1.65	44.06	ppb
Chromium	52-2	0.04	0.01	-0.02	0.01	349.52	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.08	-0.07	-0.04	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	1.78	1.73	1.74	1.75	1.45	ppb
Iron	57-2	2.79	1.55	0.81	1.72	58.46	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	5.91	ppb
Lead	207-1	0.02	0.02	-0.01	0.01	175.99	ppb
Lead	208-1	0.02	0.03	0.03	0.02	5.79	ppb
Lithium	6-1				110		%
Magnesium	24-2	3.79	3.71	3.28	3.59	7.55	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124583BL	Instrumnet Name :	P7
Client Sample ID :	PBS583	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:37:03	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	-0.01	-0.01	0.03	0.00	646.94	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	5.76	ppb
Molybdenum	96-1	0.02	0.02	0.00	0.02	74.44	ppb
Molybdenum	97-1	0.03	0.04	0.03	0.03	24.81	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.01	31.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.03	-0.02		ppb
Phosphorus	31-2	-219.15	-273.22	-304.27	-265.55		ppb
Potassium	39-2	7.89	7.29	6.16	7.11	12.31	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.33	0.35	-0.08	0.20	123.32	ppb
Selenium	82-1	-0.12	0.26	0.38	0.17	150.01	ppb
Silicon	28-1	1.50	1.57	1.56	1.54	2.17	ppb
Silver	109-1	0.00	0.00	0.01	0.00	101.05	ppb
Silver	107-1	0.01	0.00	0.01	0.01	57.52	ppb
Sodium	23-2	4.43	4.37	4.05	4.28	4.79	ppb
Strontium	86-1	0.01	0.01	-0.02	0.00	6277.78	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	206.45	ppb
Sulfur	34-1	7633.01	9892.92	2734.78	6753.57	54.18	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.03	0.03	0.02	0.03	19.68	ppb
Thorium	232-1	-1.77	-3.49	1.88	-1.13		ppb
Tin	118-1	0.01	0.00	0.00	0.00	73.57	ppb
Titanium	47-1	0.03	0.01	0.09	0.04	102.97	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	66.80	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124583BL	Instrumnet Name :	P7
Client Sample ID :	PBS583	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:37:03	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	0.06	-0.06	0.00	2632.06	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : PB124583BS Instrumnet Name : P7
 Client Sample ID : LCS583 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 16:40:37 DataFile Name : 023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.16	41.57	38.89	38.88	6.95	ppb
Antimony	121-1	4.44	4.26	4.45	4.38	2.41	ppb
Arsenic	75-2	2.28	2.23	2.26	2.26	1.19	ppb
Barium	135-1	21.25	21.99	22.45	21.90	2.75	ppb
Barium	137-1	22.19	21.45	22.12	21.92	1.85	ppb
Beryllium	9-1	2.17	2.30	2.14	2.20	3.90	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	50.36	49.06	52.49	50.64	3.42	ppb
Boron	11-1	52.66	52.03	52.70	52.47	0.72	ppb
Cadmium	111-1	2.32	2.12	2.32	2.25	5.27	ppb
Cadmium	106-1	2.29	2.63	1.70	2.21	21.21	ppb
Cadmium	108-1	1.96	2.28	2.19	2.14	7.65	ppb
Calcium	43-1	1005.98	1018.51	989.92	1004.80	1.43	ppb
Calcium	44-1	1022.68	1021.25	1024.93	1022.95	0.18	ppb
Chromium	52-2	4.34	4.49	4.34	4.39	2.01	ppb
Cobalt	59-2	2.20	2.31	2.26	2.26	2.30	ppb
Copper	63-2	4.67	4.73	4.75	4.72	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	111.14	114.51	110.83	112.16	1.82	ppb
Iron	57-2	107.73	116.69	113.37	112.60	4.02	ppb
Krypton	83-1						cps
Lead	206-1	2.15	2.15	2.07	2.12	2.09	ppb
Lead	207-1	2.10	2.13	2.11	2.11	0.60	ppb
Lead	208-1	2.12	2.11	2.04	2.09	2.21	ppb
Lithium	6-1				111		%
Magnesium	24-2	1054.67	1090.88	1066.09	1070.55	1.73	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124583BS	Instrumnet Name :	P7
Client Sample ID :	LCS583	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:40:37	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.42	2.34	2.24	2.33	3.70	ppb
Molybdenum	94-1	10.51	11.05	10.43	10.66	3.13	ppb
Molybdenum	95-1	10.65	10.78	11.00	10.81	1.64	ppb
Molybdenum	96-1	10.75	10.45	10.63	10.61	1.43	ppb
Molybdenum	97-1	11.20	10.92	10.36	10.83	3.97	ppb
Molybdenum	98-1	10.56	10.77	10.83	10.72	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.36	2.52	2.35	7.23	ppb
Phosphorus	31-2	976.68	673.96	967.04	872.56	19.72	ppb
Potassium	39-2	989.50	1025.10	971.15	995.25	2.76	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				115		%
Selenium	77-2	15.24	12.73	10.21	12.73	19.74	ppb
Selenium	78-2	12.52	11.72	11.28	11.84	5.29	ppb
Selenium	82-1	12.62	12.09	11.60	12.10	4.23	ppb
Silicon	28-1	16.74	15.24	16.34	16.11	4.81	ppb
Silver	109-1	0.38	0.36	0.35	0.36	3.75	ppb
Silver	107-1	0.35	0.35	0.37	0.36	3.27	ppb
Sodium	23-2	975.40	1004.82	992.52	990.91	1.49	ppb
Strontium	86-1	2.18	2.13	2.18	2.16	1.42	ppb
Strontium	88-1	2.21	2.13	2.13	2.15	2.11	ppb
Sulfur	34-1	4631.87	-2850.63	-480.99	433.41	882.33	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	2.05	2.13	2.04	2.07	2.38	ppb
Thallium	205-1	2.10	2.09	2.18	2.12	2.11	ppb
Thorium	232-1	590.87	588.83	570.09	583.26	1.96	ppb
Tin	118-1	11.47	10.91	11.26	11.21	2.49	ppb
Titanium	47-1	10.95	10.57	10.80	10.77	1.78	ppb
Uranium	238-1	2.00	2.00	1.97	1.99	0.90	ppb
Vanadium	51-2	11.07	11.44	11.48	11.33	2.00	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124583BS	Instrumnet Name :	P7
Client Sample ID :	LCS583	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:40:37	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.58	4.33	4.38	4.43	2.95	ppb
Zirconium	90-1	2.00	2.07	2.08	2.05	2.19	ppb
Zirconium	91-1	2.00	2.07	2.17	2.08	4.22	ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : PB124584BL Instrumnet Name : P7
 Client Sample ID : PBS584 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 16:44:11 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	0.01	0.18	0.01	1160.86	ppb
Antimony	121-1	0.00	0.03	0.03	0.02	73.33	ppb
Arsenic	75-2	-0.01	-0.01	0.01	-0.01		ppb
Barium	135-1	-0.02	0.00	-0.02	-0.01		ppb
Barium	137-1	0.01	0.01	0.01	0.01	25.02	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	62.92	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	4.60	4.38	4.23	4.40	4.20	ppb
Boron	11-1	4.26	4.08	4.14	4.16	2.20	ppb
Cadmium	111-1	0.02	0.05	0.02	0.03	71.49	ppb
Cadmium	106-1	0.17	0.59	0.17	0.31	78.02	ppb
Cadmium	108-1	0.06	-0.03	-0.03	0.00		ppb
Calcium	43-1	1.00	-0.46	-1.34	-0.26		ppb
Calcium	44-1	0.52	0.84	1.11	0.83	35.79	ppb
Chromium	52-2	-0.02	0.00	0.01	0.00		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.06	-0.03	-0.04	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	0.47	0.23	0.39	0.36	32.97	ppb
Iron	57-2	0.11	0.50	1.32	0.64	95.36	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	0.01	-0.01	-0.01		ppb
Lead	207-1	0.00	0.04	0.00	0.01	202.28	ppb
Lead	208-1	0.00	0.02	0.00	0.01	185.22	ppb
Lithium	6-1				111		%
Magnesium	24-2	0.49	1.31	0.60	0.80	55.90	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124584BL	Instrumnet Name :	P7
Client Sample ID :	PBS584	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:44:11	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.02	-0.05	-0.02		ppb
Molybdenum	94-1	-0.01	0.02	0.01	0.01	225.66	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	0.74	ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	102.83	ppb
Molybdenum	97-1	0.02	0.02	0.01	0.02	54.23	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	34.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.01	-0.02		ppb
Phosphorus	31-2	-241.62	-213.06	-206.98	-220.56		ppb
Potassium	39-2	9.16	7.82	12.63	9.87	25.15	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.98	1.24	0.50	0.91	41.31	ppb
Selenium	82-1	-0.37	0.16	0.22	0.00	10002.78	ppb
Silicon	28-1	1.50	1.41	1.37	1.42	4.62	ppb
Silver	109-1	0.00	0.00	0.00	0.00	356.90	ppb
Silver	107-1	0.00	0.01	0.01	0.00	81.75	ppb
Sodium	23-2	2.43	3.32	2.86	2.87	15.51	ppb
Strontium	86-1	-0.01	-0.03	0.09	0.01	424.14	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	100.27	ppb
Sulfur	34-1	2109.05	-7320.54	-1990.96	-2400.81		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.00	-0.02	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.02	0.01	95.09	ppb
Thorium	232-1	-0.20	-2.17	-0.97	-1.11		ppb
Tin	118-1	0.00	0.02	0.02	0.01	72.82	ppb
Titanium	47-1	0.10	0.05	0.04	0.06	55.56	ppb
Uranium	238-1	0.01	-0.01	0.00	0.00	3009.51	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124584BL	Instrumnet Name :	P7
Client Sample ID :	PBS584	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:44:11	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	-0.03	0.05	0.01	390.67	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	117.77	ppb
Zirconium	91-1	0.00	0.01	0.01	0.00	51.52	ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : PB124584BS Instrumnet Name : P7
 Client Sample ID : LCS584 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 16:47:46 DataFile Name : 025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.62	37.59	44.40	41.20	8.31	ppb
Antimony	121-1	4.47	4.21	4.35	4.34	3.05	ppb
Arsenic	75-2	2.30	2.05	2.23	2.19	5.91	ppb
Barium	135-1	21.57	21.22	21.46	21.42	0.85	ppb
Barium	137-1	21.87	21.55	21.50	21.64	0.93	ppb
Beryllium	9-1	2.14	2.12	2.18	2.14	1.42	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	51.12	50.86	51.66	51.21	0.80	ppb
Boron	11-1	51.41	51.75	52.26	51.81	0.83	ppb
Cadmium	111-1	2.17	2.17	2.39	2.24	5.81	ppb
Cadmium	106-1	2.47	2.37	2.85	2.56	9.86	ppb
Cadmium	108-1	1.73	2.40	2.49	2.20	18.85	ppb
Calcium	43-1	1016.51	1010.22	1002.22	1009.65	0.71	ppb
Calcium	44-1	1002.62	1005.01	1019.92	1009.18	0.93	ppb
Chromium	52-2	4.73	4.29	4.62	4.54	5.04	ppb
Cobalt	59-2	2.35	2.22	2.27	2.28	2.73	ppb
Copper	63-2	4.97	4.50	4.60	4.69	5.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	117.27	114.03	112.57	114.62	2.10	ppb
Iron	57-2	115.07	108.53	118.11	113.90	4.30	ppb
Krypton	83-1						cps
Lead	206-1	2.13	2.15	2.08	2.12	1.78	ppb
Lead	207-1	1.99	2.10	2.01	2.03	3.00	ppb
Lead	208-1	2.06	2.07	2.06	2.06	0.21	ppb
Lithium	6-1				111		%
Magnesium	24-2	1103.44	1076.99	1087.21	1089.21	1.22	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124584BS	Instrumnet Name :	P7
Client Sample ID :	LCS584	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:47:46	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.45	2.40	2.61	2.49	4.45	ppb
Molybdenum	94-1	10.29	10.01	10.04	10.11	1.54	ppb
Molybdenum	95-1	10.28	10.33	10.92	10.51	3.39	ppb
Molybdenum	96-1	10.63	10.20	11.22	10.68	4.77	ppb
Molybdenum	97-1	10.60	10.57	10.72	10.63	0.74	ppb
Molybdenum	98-1	10.59	10.67	10.70	10.65	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.27	2.41	2.35	2.34	2.92	ppb
Phosphorus	31-2	930.85	541.53	837.84	770.08	26.40	ppb
Potassium	39-2	1037.84	982.89	1008.25	1009.66	2.72	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	77-2	9.58	14.92	9.54	11.35	27.29	ppb
Selenium	78-2	13.88	12.19	11.84	12.64	8.64	ppb
Selenium	82-1	12.28	11.49	11.45	11.74	3.99	ppb
Silicon	28-1	15.50	14.88	16.01	15.46	3.65	ppb
Silver	109-1	0.35	0.34	0.36	0.35	2.89	ppb
Silver	107-1	0.38	0.33	0.33	0.35	8.48	ppb
Sodium	23-2	1027.16	1005.85	1020.68	1017.90	1.07	ppb
Strontium	86-1	2.02	2.39	2.00	2.14	10.39	ppb
Strontium	88-1	2.14	2.14	2.22	2.17	2.16	ppb
Sulfur	34-1	-2487.52	-12124.80	-6687.15	-7099.82		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	2.18	2.26	2.15	2.20	2.58	ppb
Thallium	205-1	2.19	2.10	2.07	2.12	2.98	ppb
Thorium	232-1	581.06	575.43	568.10	574.86	1.13	ppb
Tin	118-1	11.28	11.15	11.30	11.24	0.74	ppb
Titanium	47-1	11.21	11.42	11.29	11.30	0.92	ppb
Uranium	238-1	2.03	1.96	1.98	1.99	1.68	ppb
Vanadium	51-2	12.00	11.51	11.70	11.74	2.11	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124584BS	Instrumnet Name :	P7
Client Sample ID :	LCS584	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:47:46	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.76	4.38	4.53	4.56	4.21	ppb
Zirconium	90-1	2.06	1.99	2.03	2.03	1.71	ppb
Zirconium	91-1	1.99	1.97	1.99	1.98	0.57	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01	Instrumnet Name :	P7
Client Sample ID :	MB0AG0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:51:21	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13504.36	13017.32	13534.88	13352.19	2.17	ppb
Antimony	121-1	0.51	0.49	0.50	0.50	2.51	ppb
Arsenic	75-2	3.99	3.71	3.89	3.86	3.67	ppb
Barium	135-1	85.14	85.70	88.48	86.44	2.07	ppb
Barium	137-1	86.00	88.05	86.35	86.80	1.26	ppb
Beryllium	9-1	0.56	0.65	0.65	0.62	8.61	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	6.90	7.11	6.77	6.93	2.52	ppb
Boron	11-1	6.75	7.10	7.18	7.01	3.29	ppb
Cadmium	111-1	0.13	0.23	0.20	0.19	26.35	ppb
Cadmium	106-1	-0.51	0.66	0.01	0.05	1069.81	ppb
Cadmium	108-1	0.42	0.34	0.42	0.39	11.67	ppb
Calcium	43-1	2477.87	2489.64	2394.71	2454.08	2.11	ppb
Calcium	44-1	2481.37	2480.10	2444.67	2468.71	0.84	ppb
Chromium	52-2	29.55	28.41	30.10	29.35	2.94	ppb
Cobalt	59-2	5.18	4.67	5.09	4.98	5.51	ppb
Copper	63-2	344.76	332.46	351.03	342.75	2.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	27705.41	26553.02	27781.58	27346.67	2.52	ppb
Iron	57-2	27568.38	26049.19	27747.32	27121.63	3.44	ppb
Krypton	83-1						cps
Lead	206-1	1128.90	1119.97	1106.51	1118.46	1.01	ppb
Lead	207-1	984.17	974.08	972.74	977.00	0.64	ppb
Lead	208-1	1046.36	1045.37	1039.32	1043.68	0.36	ppb
Lithium	6-1				116		%
Magnesium	24-2	2623.56	2541.24	2665.72	2610.17	2.43	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01	Instrumnet Name :	P7
Client Sample ID :	MB0AG0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:51:21	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	161.41	155.16	163.32	159.97	2.67	ppb
Molybdenum	94-1	1.53	1.53	1.37	1.48	6.30	ppb
Molybdenum	95-1	1.23	1.23	1.18	1.21	2.52	ppb
Molybdenum	96-1	1.52	1.36	1.48	1.45	5.93	ppb
Molybdenum	97-1	1.19	1.30	1.22	1.24	4.39	ppb
Molybdenum	98-1	1.12	1.19	1.24	1.19	5.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.97	16.39	17.79	17.38	4.98	ppb
Phosphorus	31-2	5593.35	5960.98	6471.75	6008.69	7.34	ppb
Potassium	39-2	442.35	417.46	431.36	430.39	2.90	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				118		%
Scandium	45-2				117		%
Selenium	77-2	8.09	2.84	4.44	5.12	52.59	ppb
Selenium	78-2	1.24	1.47	1.14	1.29	13.21	ppb
Selenium	82-1	0.64	0.03	0.81	0.49	83.89	ppb
Silicon	28-1	829.74	828.34	798.82	818.97	2.13	ppb
Silver	109-1	0.27	0.32	0.28	0.29	7.99	ppb
Silver	107-1	0.23	0.27	0.26	0.25	9.39	ppb
Sodium	23-2	261.25	254.61	268.39	261.42	2.64	ppb
Strontium	86-1	25.96	26.06	25.72	25.91	0.66	ppb
Strontium	88-1	24.80	25.30	24.89	25.00	1.08	ppb
Sulfur	34-1	-52322.16	-58104.74	-66838.93	-59088.61		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.15	0.16	0.15	4.31	ppb
Thallium	205-1	0.16	0.20	0.18	0.18	8.76	ppb
Thorium	232-1	916.54	932.99	900.63	916.72	1.76	ppb
Tin	118-1	2.12	2.20	2.21	2.17	2.33	ppb
Titanium	47-1	265.17	266.00	260.54	263.90	1.12	ppb
Uranium	238-1	0.41	0.43	0.43	0.42	3.19	ppb
Vanadium	51-2	18.08	17.43	18.23	17.91	2.39	ppb
Yttrium	89-1				117		%
Yttrium	89-2				116		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01	Instrumnet Name :	P7
Client Sample ID :	MB0AG0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:51:21	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	165.84	158.78	164.66	163.09	2.32	ppb
Zirconium	90-1	0.44	0.44	0.46	0.44	2.85	ppb
Zirconium	91-1	0.51	0.41	0.43	0.45	11.97	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-02	Instrumnet Name :	P7
Client Sample ID :	MB0AG0D	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:54:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13337.11	13300.54	13543.18	13393.61	0.98	ppb
Antimony	121-1	0.46	0.50	0.46	0.48	5.12	ppb
Arsenic	75-2	3.66	3.72	3.70	3.70	0.86	ppb
Barium	135-1	89.15	86.52	86.29	87.32	1.82	ppb
Barium	137-1	87.13	86.80	87.64	87.19	0.49	ppb
Beryllium	9-1	0.61	0.58	0.60	0.60	2.04	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	5.91	4.89	4.63	5.14	13.17	ppb
Boron	11-1	5.36	5.61	5.33	5.43	2.87	ppb
Cadmium	111-1	0.19	0.23	0.32	0.25	27.02	ppb
Cadmium	106-1	0.14	0.43	1.58	0.72	106.15	ppb
Cadmium	108-1	0.30	0.29	0.54	0.38	37.11	ppb
Calcium	43-1	2456.44	2434.00	2471.55	2454.00	0.77	ppb
Calcium	44-1	2450.30	2434.85	2425.59	2436.91	0.51	ppb
Chromium	52-2	29.00	28.27	28.80	28.69	1.30	ppb
Cobalt	59-2	4.85	4.84	4.59	4.76	3.02	ppb
Copper	63-2	346.35	342.54	344.30	344.39	0.55	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				108		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	28337.41	27818.56	28320.22	28158.73	1.05	ppb
Iron	57-2	28408.48	27772.47	28217.77	28132.90	1.16	ppb
Krypton	83-1						cps
Lead	206-1	1027.92	1038.82	1025.40	1030.72	0.69	ppb
Lead	207-1	891.64	887.04	889.85	889.51	0.26	ppb
Lead	208-1	948.41	953.59	951.09	951.03	0.27	ppb
Lithium	6-1				117		%
Magnesium	24-2	2462.55	2406.60	2476.85	2448.67	1.52	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-02	Instrumnet Name :	P7
Client Sample ID :	MB0AG0D	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:54:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	160.16	155.88	159.49	158.51	1.45	ppb
Molybdenum	94-1	1.63	1.53	1.46	1.54	5.55	ppb
Molybdenum	95-1	1.18	1.27	1.11	1.19	6.68	ppb
Molybdenum	96-1	1.50	1.56	1.52	1.53	2.15	ppb
Molybdenum	97-1	1.14	1.30	1.06	1.17	10.42	ppb
Molybdenum	98-1	1.22	1.33	1.18	1.24	6.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.57	16.97	17.06	16.87	1.55	ppb
Phosphorus	31-2	5462.69	6199.53	6053.35	5905.19	6.61	ppb
Potassium	39-2	399.98	398.31	395.76	398.02	0.53	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				119		%
Scandium	45-2				119		%
Selenium	77-2	4.99	3.61	2.87	3.82	28.14	ppb
Selenium	78-2	1.02	1.77	2.00	1.60	32.15	ppb
Selenium	82-1	-0.25	0.07	1.13	0.32	225.10	ppb
Silicon	28-1	809.80	809.74	789.30	802.95	1.47	ppb
Silver	109-1	0.25	0.29	0.30	0.28	9.14	ppb
Silver	107-1	0.29	0.30	0.35	0.31	9.87	ppb
Sodium	23-2	255.22	253.06	255.59	254.62	0.54	ppb
Strontium	86-1	25.31	25.21	24.96	25.16	0.72	ppb
Strontium	88-1	24.90	24.67	24.97	24.85	0.62	ppb
Sulfur	34-1	-65284.93	-68655.45	-70125.02	-68021.80		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.14	0.14	0.20	0.16	23.11	ppb
Thallium	205-1	0.17	0.15	0.18	0.17	7.84	ppb
Thorium	232-1	885.80	889.17	880.52	885.16	0.49	ppb
Tin	118-1	2.02	2.05	1.99	2.02	1.32	ppb
Titanium	47-1	256.30	250.35	251.84	252.83	1.22	ppb
Uranium	238-1	0.44	0.41	0.42	0.42	4.27	ppb
Vanadium	51-2	17.34	17.93	18.01	17.76	2.08	ppb
Yttrium	89-1				120		%
Yttrium	89-2				118		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-02	Instrumnet Name :	P7
Client Sample ID :	MB0AG0D	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:54:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	146.29	143.04	150.32	146.55	2.49	ppb
Zirconium	90-1	0.42	0.43	0.44	0.43	2.10	ppb
Zirconium	91-1	0.42	0.38	0.46	0.42	10.01	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-03	Instrumnet Name :	P7
Client Sample ID :	MB0AG0S	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:58:31	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12898.05	13044.47	13485.28	13142.60	2.33	ppb
Antimony	121-1	15.07	14.84	14.88	14.93	0.83	ppb
Arsenic	75-2	10.97	10.58	10.96	10.84	2.08	ppb
Barium	135-1	466.64	481.88	471.71	473.41	1.64	ppb
Barium	137-1	471.37	478.74	468.17	472.76	1.15	ppb
Beryllium	9-1	10.14	10.00	9.85	10.00	1.44	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	4.27	5.08	4.98	4.77	9.28	ppb
Boron	11-1	5.22	5.15	5.55	5.31	4.10	ppb
Cadmium	111-1	10.40	9.93	10.17	10.17	2.30	ppb
Cadmium	106-1	7.92	8.86	7.47	8.08	8.83	ppb
Cadmium	108-1	8.71	9.17	8.05	8.65	6.51	ppb
Calcium	43-1	2547.75	2506.97	2469.24	2507.99	1.57	ppb
Calcium	44-1	2516.46	2510.22	2467.79	2498.16	1.06	ppb
Chromium	52-2	65.06	66.99	67.32	66.45	1.84	ppb
Cobalt	59-2	103.61	106.15	107.54	105.76	1.89	ppb
Copper	63-2	401.84	409.56	416.26	409.22	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	26637.69	27154.60	27692.90	27161.73	1.94	ppb
Iron	57-2	26295.34	26968.46	27362.18	26875.33	2.01	ppb
Krypton	83-1						cps
Lead	206-1	1142.42	1144.40	1134.25	1140.36	0.47	ppb
Lead	207-1	993.37	992.24	992.13	992.58	0.07	ppb
Lead	208-1	1059.73	1059.93	1061.52	1060.39	0.09	ppb
Lithium	6-1				115		%
Magnesium	24-2	2307.82	2368.54	2418.49	2364.95	2.34	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-03	Instrumnet Name :	P7
Client Sample ID :	MB0AG0S	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:58:31	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	243.25	250.80	253.20	249.08	2.09	ppb
Molybdenum	94-1	1.41	1.45	1.39	1.41	2.38	ppb
Molybdenum	95-1	1.14	1.22	1.22	1.19	3.74	ppb
Molybdenum	96-1	1.46	1.40	1.42	1.43	2.00	ppb
Molybdenum	97-1	1.27	1.29	1.21	1.26	3.14	ppb
Molybdenum	98-1	1.17	1.20	1.20	1.19	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.48	116.90	119.16	117.18	1.59	ppb
Phosphorus	31-2	6264.94	5447.03	6514.16	6075.38	9.19	ppb
Potassium	39-2	394.87	385.53	387.16	389.19	1.28	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				117		%
Scandium	45-2				116		%
Selenium	77-2	24.07	23.84	26.83	24.91	6.66	ppb
Selenium	78-2	15.77	18.00	16.26	16.68	7.03	ppb
Selenium	82-1	16.66	17.87	15.62	16.72	6.72	ppb
Silicon	28-1	917.18	924.81	918.81	920.27	0.44	ppb
Silver	109-1	19.59	19.35	18.69	19.21	2.41	ppb
Silver	107-1	18.82	18.91	18.70	18.81	0.56	ppb
Sodium	23-2	239.28	237.58	249.29	242.05	2.61	ppb
Strontium	86-1	24.28	25.22	24.98	24.83	1.96	ppb
Strontium	88-1	24.77	24.76	24.91	24.81	0.33	ppb
Sulfur	34-1	-70128.72	-67380.83	-75262.27	-70923.94		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	9.78	9.74	9.80	9.77	0.34	ppb
Thallium	205-1	9.60	9.68	9.52	9.60	0.81	ppb
Thorium	232-1	946.46	957.37	966.17	956.67	1.03	ppb
Tin	118-1	2.73	2.74	2.71	2.72	0.56	ppb
Titanium	47-1	273.32	268.88	274.91	272.37	1.15	ppb
Uranium	238-1	0.40	0.43	0.40	0.41	4.48	ppb
Vanadium	51-2	113.57	113.47	115.44	114.16	0.98	ppb
Yttrium	89-1				119		%
Yttrium	89-2				117		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-03	Instrumnet Name :	P7
Client Sample ID :	MB0AG0S	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:58:31	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	238.00	237.78	244.53	240.10	1.60	ppb
Zirconium	90-1	0.37	0.39	0.38	0.38	2.70	ppb
Zirconium	91-1	0.38	0.37	0.34	0.36	5.43	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01LX5	Instrumnet Name :	P7
Client Sample ID :	MB0AG0L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:02:07	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2629.69	2707.53	2599.54	2645.59	2.11	ppb
Antimony	121-1	0.12	0.10	0.11	0.11	8.63	ppb
Arsenic	75-2	0.80	0.73	0.74	0.75	5.03	ppb
Barium	135-1	17.01	17.30	16.60	16.97	2.08	ppb
Barium	137-1	16.83	17.17	17.34	17.11	1.52	ppb
Beryllium	9-1	0.11	0.10	0.12	0.11	9.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	1.98	2.10	1.84	1.97	6.80	ppb
Boron	11-1	2.39	2.37	2.34	2.37	1.14	ppb
Cadmium	111-1	0.02	0.09	0.04	0.05	76.39	ppb
Cadmium	106-1	-0.26	0.31	-0.35	-0.10		ppb
Cadmium	108-1	0.05	0.05	0.06	0.05	1.47	ppb
Calcium	43-1	493.25	489.64	480.97	487.95	1.29	ppb
Calcium	44-1	490.72	491.68	494.60	492.33	0.41	ppb
Chromium	52-2	5.69	5.95	5.83	5.82	2.26	ppb
Cobalt	59-2	0.92	0.96	0.92	0.93	2.79	ppb
Copper	63-2	69.78	70.36	68.88	69.67	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	5525.09	5592.15	5563.97	5560.40	0.61	ppb
Iron	57-2	5551.51	5581.66	5578.77	5570.65	0.30	ppb
Krypton	83-1						cps
Lead	206-1	214.79	214.20	217.21	215.40	0.74	ppb
Lead	207-1	185.84	184.55	186.11	185.50	0.45	ppb
Lead	208-1	194.48	193.68	195.49	194.55	0.46	ppb
Lithium	6-1				111		%
Magnesium	24-2	500.45	507.71	505.12	504.43	0.73	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01LX5	Instrumnet Name :	P7
Client Sample ID :	MB0AG0L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:02:07	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	32.25	32.86	31.42	32.18	2.25	ppb
Molybdenum	94-1	0.31	0.33	0.28	0.31	9.22	ppb
Molybdenum	95-1	0.32	0.27	0.28	0.29	9.03	ppb
Molybdenum	96-1	0.30	0.29	0.27	0.29	5.91	ppb
Molybdenum	97-1	0.29	0.27	0.24	0.26	10.21	ppb
Molybdenum	98-1	0.23	0.25	0.28	0.25	11.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.32	3.17	3.10	3.20	3.61	ppb
Phosphorus	31-2	953.90	1532.09	1080.59	1188.86	25.56	ppb
Potassium	39-2	80.84	80.19	88.97	83.34	5.87	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	2.32	1.58	1.58	1.83	23.31	ppb
Selenium	78-2	0.01	0.07	-0.07	0.00	2083.94	ppb
Selenium	82-1	0.90	0.56	0.16	0.54	68.53	ppb
Silicon	28-1	160.21	161.48	174.22	165.30	4.69	ppb
Silver	109-1	0.08	0.10	0.09	0.09	13.50	ppb
Silver	107-1	0.09	0.09	0.07	0.08	9.99	ppb
Sodium	23-2	66.65	70.75	67.57	68.33	3.15	ppb
Strontium	86-1	5.02	4.87	5.34	5.08	4.72	ppb
Strontium	88-1	5.10	5.07	5.12	5.10	0.49	ppb
Sulfur	34-1	-74301.29	-73707.33	-73454.29	-73820.97		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.02	0.01	0.03	99.81	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	20.49	ppb
Thorium	232-1	169.97	175.29	167.04	170.77	2.45	ppb
Tin	118-1	0.42	0.39	0.43	0.41	4.08	ppb
Titanium	47-1	52.86	52.75	52.02	52.54	0.87	ppb
Uranium	238-1	0.07	0.11	0.09	0.09	19.22	ppb
Vanadium	51-2	3.51	3.54	3.46	3.50	1.20	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01LX5	Instrumnet Name :	P7
Client Sample ID :	MB0AG0L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:02:07	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.70	30.87	29.68	30.42	2.13	ppb
Zirconium	90-1	0.09	0.09	0.08	0.08	2.29	ppb
Zirconium	91-1	0.08	0.12	0.09	0.10	21.41	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-01	Instrumnet Name :	P7
Client Sample ID :	MB0AF9	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:05:41	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11562.03	11312.22	11270.56	11381.60	1.38	ppb
Antimony	121-1	1.07	0.97	0.93	0.99	7.39	ppb
Arsenic	75-2	14.66	14.87	14.63	14.72	0.89	ppb
Barium	135-1	103.32	102.93	104.48	103.58	0.78	ppb
Barium	137-1	103.46	104.35	101.76	103.19	1.27	ppb
Beryllium	9-1	1.10	1.12	1.07	1.10	2.15	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	2.41	2.37	2.70	2.50	7.13	ppb
Boron	11-1	3.12	2.60	2.71	2.81	9.76	ppb
Cadmium	111-1	1.14	1.06	1.22	1.14	7.01	ppb
Cadmium	106-1	2.20	1.25	2.17	1.87	28.96	ppb
Cadmium	108-1	1.51	1.54	1.42	1.49	4.16	ppb
Calcium	43-1	1821.85	1814.76	1855.11	1830.58	1.18	ppb
Calcium	44-1	1801.09	1820.23	1807.27	1809.53	0.54	ppb
Chromium	52-2	188.04	180.83	180.26	183.04	2.37	ppb
Cobalt	59-2	5.64	5.44	5.47	5.51	1.93	ppb
Copper	63-2	45.58	44.75	44.85	45.06	1.00	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				106		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	16820.59	16243.79	16237.54	16433.97	2.04	ppb
Iron	57-2	16493.11	16048.65	16089.82	16210.53	1.51	ppb
Krypton	83-1						cps
Lead	206-1	41.94	42.14	42.03	42.04	0.24	ppb
Lead	207-1	38.48	38.55	38.56	38.53	0.11	ppb
Lead	208-1	39.60	39.61	39.62	39.61	0.04	ppb
Lithium	6-1				121		%
Magnesium	24-2	1253.45	1229.34	1231.17	1237.99	1.08	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-01	Instrumnet Name :	P7
Client Sample ID :	MB0AF9	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:05:41	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	86.92	85.40	85.12	85.81	1.13	ppb
Molybdenum	94-1	1.61	1.68	1.65	1.65	2.17	ppb
Molybdenum	95-1	1.43	1.41	1.40	1.41	0.85	ppb
Molybdenum	96-1	1.51	1.71	1.61	1.61	6.20	ppb
Molybdenum	97-1	1.47	1.53	1.49	1.50	2.17	ppb
Molybdenum	98-1	1.48	1.41	1.36	1.42	4.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.21	16.86	17.16	17.41	4.08	ppb
Phosphorus	31-2	11378.03	11216.33	10566.64	11053.67	3.89	ppb
Potassium	39-2	311.72	300.75	304.05	305.51	1.84	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	77-2	13.76	7.48	9.96	10.40	30.41	ppb
Selenium	78-2	1.86	3.40	2.46	2.57	30.19	ppb
Selenium	82-1	1.58	1.89	2.37	1.95	20.36	ppb
Silicon	28-1	935.11	994.03	930.00	953.05	3.73	ppb
Silver	109-1	0.17	0.18	0.17	0.17	2.75	ppb
Silver	107-1	0.16	0.19	0.16	0.17	12.40	ppb
Sodium	23-2	271.39	267.02	266.95	268.45	0.95	ppb
Strontium	86-1	7.54	7.58	7.52	7.55	0.43	ppb
Strontium	88-1	7.48	7.72	7.59	7.60	1.57	ppb
Sulfur	34-1	-68403.71	-64849.67	-70482.69	-67912.02		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.16	0.14	0.13	0.14	11.38	ppb
Thallium	205-1	0.14	0.17	0.16	0.16	12.40	ppb
Thorium	232-1	176.30	182.32	181.94	180.19	1.87	ppb
Tin	118-1	1.84	1.73	1.77	1.78	3.05	ppb
Titanium	47-1	276.76	272.86	274.42	274.68	0.71	ppb
Uranium	238-1	0.60	0.63	0.59	0.61	3.26	ppb
Vanadium	51-2	28.56	28.10	27.96	28.21	1.11	ppb
Yttrium	89-1				139		%
Yttrium	89-2				136		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-01	Instrumnet Name :	P7
Client Sample ID :	MB0AF9	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:05:41	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	531.34	516.79	515.49	521.21	1.69	ppb
Zirconium	90-1	0.44	0.47	0.49	0.46	5.57	ppb
Zirconium	91-1	0.41	0.49	0.42	0.44	10.11	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-02	Instrumnet Name :	P7
Client Sample ID :	MB0AF9D	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:09:15	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11516.68	11259.33	11680.03	11485.35	1.85	ppb
Antimony	121-1	0.99	0.96	0.94	0.97	2.48	ppb
Arsenic	75-2	14.83	14.50	14.86	14.73	1.36	ppb
Barium	135-1	104.34	104.41	105.71	104.82	0.73	ppb
Barium	137-1	106.22	104.83	106.97	106.01	1.02	ppb
Beryllium	9-1	1.24	1.24	1.11	1.20	6.35	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	2.85	2.42	3.28	2.85	15.04	ppb
Boron	11-1	2.75	2.70	2.75	2.73	0.93	ppb
Cadmium	111-1	1.23	1.09	1.33	1.22	10.00	ppb
Cadmium	106-1	1.86	1.13	3.32	2.10	52.93	ppb
Cadmium	108-1	0.96	1.40	1.02	1.13	21.23	ppb
Calcium	43-1	1896.66	1849.00	1955.44	1900.37	2.81	ppb
Calcium	44-1	1873.36	1852.63	1834.51	1853.50	1.05	ppb
Chromium	52-2	182.79	182.39	186.69	183.96	1.29	ppb
Cobalt	59-2	5.43	5.45	5.55	5.48	1.17	ppb
Copper	63-2	46.45	44.97	46.30	45.91	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	16646.80	16227.56	16780.45	16551.60	1.74	ppb
Iron	57-2	16357.22	16216.36	16509.38	16360.99	0.90	ppb
Krypton	83-1						cps
Lead	206-1	43.36	42.85	43.15	43.12	0.60	ppb
Lead	207-1	40.06	39.24	39.50	39.60	1.05	ppb
Lead	208-1	40.95	40.34	40.69	40.66	0.75	ppb
Lithium	6-1				121		%
Magnesium	24-2	1302.09	1251.59	1299.94	1284.54	2.22	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-02	Instrumnet Name :	P7
Client Sample ID :	MB0AF9D	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:09:15	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	84.97	84.62	88.88	86.16	2.74	ppb
Molybdenum	94-1	1.79	1.57	1.75	1.70	6.73	ppb
Molybdenum	95-1	1.46	1.46	1.53	1.48	2.63	ppb
Molybdenum	96-1	1.52	1.45	1.63	1.54	5.85	ppb
Molybdenum	97-1	1.39	1.48	1.50	1.46	3.92	ppb
Molybdenum	98-1	1.46	1.48	1.44	1.46	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.60	17.34	18.08	17.68	2.12	ppb
Phosphorus	31-2	12267.28	11768.65	11782.21	11939.38	2.38	ppb
Potassium	39-2	295.02	312.94	315.07	307.67	3.58	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				114		%
Scandium	45-2				114		%
Selenium	77-2	10.31	11.23	11.71	11.08	6.40	ppb
Selenium	78-2	2.34	3.82	3.95	3.37	26.57	ppb
Selenium	82-1	1.91	2.55	1.41	1.96	29.18	ppb
Silicon	28-1	957.24	987.51	960.08	968.28	1.73	ppb
Silver	109-1	0.17	0.20	0.19	0.18	6.39	ppb
Silver	107-1	0.14	0.17	0.18	0.16	13.28	ppb
Sodium	23-2	275.52	272.15	277.30	274.99	0.95	ppb
Strontium	86-1	7.36	7.49	7.38	7.41	0.93	ppb
Strontium	88-1	7.86	7.64	7.64	7.71	1.63	ppb
Sulfur	34-1	-77734.88	-80075.75	-81179.54	-79663.39		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.21	0.20	0.14	0.18	21.07	ppb
Thallium	205-1	0.16	0.16	0.15	0.16	3.03	ppb
Thorium	232-1	187.93	173.54	181.49	180.98	3.98	ppb
Tin	118-1	1.80	1.78	1.83	1.80	1.25	ppb
Titanium	47-1	273.31	269.16	275.43	272.63	1.17	ppb
Uranium	238-1	0.65	0.61	0.61	0.62	3.62	ppb
Vanadium	51-2	28.92	28.25	29.11	28.76	1.58	ppb
Yttrium	89-1				142		%
Yttrium	89-2				138		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-02	Instrumnet Name :	P7
Client Sample ID :	MB0AF9D	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:09:15	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	525.15	519.34	530.55	525.01	1.07	ppb
Zirconium	90-1	0.43	0.47	0.44	0.44	5.11	ppb
Zirconium	91-1	0.63	0.50	0.42	0.52	19.62	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-03	Instrumnet Name :	P7
Client Sample ID :	MB0AF9S	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:12:49	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11855.92	11850.50	11765.10	11823.84	0.43	ppb
Antimony	121-1	17.93	18.30	17.96	18.06	1.14	ppb
Arsenic	75-2	21.09	20.67	21.40	21.05	1.75	ppb
Barium	135-1	488.17	477.63	480.24	482.02	1.14	ppb
Barium	137-1	485.32	478.77	482.69	482.26	0.68	ppb
Beryllium	9-1	10.08	10.16	10.07	10.10	0.51	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	2.70	2.76	2.73	2.73	0.99	ppb
Boron	11-1	2.69	3.00	2.95	2.88	5.76	ppb
Cadmium	111-1	10.80	10.58	11.07	10.82	2.27	ppb
Cadmium	106-1	9.50	8.66	10.48	9.55	9.52	ppb
Cadmium	108-1	9.29	8.50	8.68	8.82	4.66	ppb
Calcium	43-1	1806.11	1784.10	1774.74	1788.32	0.90	ppb
Calcium	44-1	1736.50	1760.97	1773.48	1756.98	1.07	ppb
Chromium	52-2	209.35	210.50	208.30	209.38	0.53	ppb
Cobalt	59-2	107.53	108.58	109.58	108.56	0.94	ppb
Copper	63-2	91.69	92.71	93.29	92.56	0.87	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				105		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	17394.64	17606.86	17481.01	17494.17	0.61	ppb
Iron	57-2	17297.88	17347.04	17347.59	17330.84	0.16	ppb
Krypton	83-1						cps
Lead	206-1	47.15	46.70	46.32	46.72	0.89	ppb
Lead	207-1	42.66	42.77	42.31	42.58	0.57	ppb
Lead	208-1	44.00	43.94	43.68	43.87	0.39	ppb
Lithium	6-1				119		%
Magnesium	24-2	1350.27	1344.84	1346.52	1347.21	0.21	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-03	Instrumnet Name :	P7
Client Sample ID :	MB0AF9S	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:12:49	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	185.50	184.73	184.12	184.78	0.37	ppb
Molybdenum	94-1	1.74	1.89	1.78	1.80	4.17	ppb
Molybdenum	95-1	1.59	1.52	1.54	1.55	2.45	ppb
Molybdenum	96-1	1.60	1.77	1.68	1.68	5.00	ppb
Molybdenum	97-1	1.51	1.39	1.46	1.45	4.18	ppb
Molybdenum	98-1	1.51	1.60	1.50	1.53	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.30	121.25	121.12	120.55	0.91	ppb
Phosphorus	31-2	11379.97	11591.93	12397.35	11789.75	4.55	ppb
Potassium	39-2	307.36	305.53	296.57	303.15	1.91	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	77-2	27.43	24.48	25.63	25.85	5.75	ppb
Selenium	78-2	16.46	16.90	15.47	16.28	4.52	ppb
Selenium	82-1	16.66	15.58	15.64	15.96	3.81	ppb
Silicon	28-1	1063.31	1058.76	1078.66	1066.91	0.98	ppb
Silver	109-1	18.32	18.70	18.94	18.65	1.66	ppb
Silver	107-1	18.39	18.15	18.19	18.24	0.70	ppb
Sodium	23-2	267.50	267.38	269.19	268.02	0.38	ppb
Strontium	86-1	8.10	7.90	8.44	8.15	3.32	ppb
Strontium	88-1	8.21	7.96	8.09	8.09	1.53	ppb
Sulfur	34-1	-82969.39	-79596.72	-81946.96	-81504.36		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	9.65	9.58	9.32	9.52	1.84	ppb
Thallium	205-1	9.37	9.39	9.18	9.31	1.25	ppb
Thorium	232-1	222.42	221.02	218.54	220.66	0.89	ppb
Tin	118-1	1.73	1.70	1.64	1.69	2.57	ppb
Titanium	47-1	233.50	237.49	237.34	236.11	0.96	ppb
Uranium	238-1	0.57	0.63	0.58	0.59	5.56	ppb
Vanadium	51-2	124.62	124.87	124.75	124.74	0.10	ppb
Yttrium	89-1				139		%
Yttrium	89-2				136		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-03	Instrumnet Name :	P7
Client Sample ID :	MB0AF9S	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:12:49	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	598.41	603.13	601.61	601.05	0.40	ppb
Zirconium	90-1	0.45	0.48	0.45	0.46	3.77	ppb
Zirconium	91-1	0.49	0.44	0.42	0.45	8.29	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-01LX5	Instrumnet Name :	P7
Client Sample ID :	MB0AF9L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:16:23	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2262.46	2315.05	2325.59	2301.04	1.47	ppb
Antimony	121-1	0.15	0.19	0.19	0.18	13.18	ppb
Arsenic	75-2	3.14	3.51	3.43	3.36	5.73	ppb
Barium	135-1	21.02	21.41	20.50	20.98	2.18	ppb
Barium	137-1	21.09	20.92	20.83	20.95	0.63	ppb
Beryllium	9-1	0.27	0.22	0.27	0.25	10.12	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	1.29	1.76	1.23	1.43	20.26	ppb
Boron	11-1	1.35	1.57	1.51	1.48	7.77	ppb
Cadmium	111-1	0.19	0.17	0.18	0.18	4.14	ppb
Cadmium	106-1	-0.37	-0.68	-0.62	-0.56		ppb
Cadmium	108-1	0.09	0.18	0.10	0.12	39.29	ppb
Calcium	43-1	383.12	376.59	389.71	383.14	1.71	ppb
Calcium	44-1	377.37	379.53	380.22	379.04	0.39	ppb
Chromium	52-2	36.41	36.90	37.69	37.00	1.75	ppb
Cobalt	59-2	1.03	1.04	1.07	1.05	1.73	ppb
Copper	63-2	9.13	9.23	9.01	9.13	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	3235.20	3263.28	3280.31	3259.60	0.70	ppb
Iron	57-2	3239.54	3230.45	3327.26	3265.75	1.64	ppb
Krypton	83-1						cps
Lead	206-1	8.43	8.28	8.60	8.44	1.88	ppb
Lead	207-1	7.78	7.84	7.85	7.82	0.52	ppb
Lead	208-1	8.01	8.00	8.16	8.06	1.10	ppb
Lithium	6-1				110		%
Magnesium	24-2	247.93	257.58	261.87	255.79	2.79	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-01LX5	Instrumnet Name :	P7
Client Sample ID :	MB0AF9L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:16:23	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17.35	17.24	17.48	17.36	0.69	ppb
Molybdenum	94-1	0.43	0.38	0.41	0.41	6.01	ppb
Molybdenum	95-1	0.33	0.37	0.38	0.36	7.40	ppb
Molybdenum	96-1	0.37	0.37	0.33	0.36	5.45	ppb
Molybdenum	97-1	0.32	0.32	0.39	0.34	11.60	ppb
Molybdenum	98-1	0.34	0.33	0.34	0.33	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.49	3.51	3.50	3.50	0.26	ppb
Phosphorus	31-2	1884.64	2077.34	2300.99	2087.66	9.98	ppb
Potassium	39-2	71.70	69.56	63.10	68.12	6.57	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	5.32	0.00	2.29	2.53	105.22	ppb
Selenium	78-2	0.86	0.46	1.38	0.90	51.18	ppb
Selenium	82-1	0.00	0.19	0.23	0.14	90.74	ppb
Silicon	28-1	192.69	191.02	191.18	191.63	0.48	ppb
Silver	109-1	0.06	0.05	0.08	0.06	25.12	ppb
Silver	107-1	0.05	0.06	0.04	0.05	12.66	ppb
Sodium	23-2	71.24	73.66	74.92	73.27	2.55	ppb
Strontium	86-1	1.66	1.79	2.02	1.82	9.88	ppb
Strontium	88-1	1.76	1.82	1.82	1.80	1.92	ppb
Sulfur	34-1	-85933.15	-85690.95	-88140.02	-86588.04		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.02	0.02	0.02	63.88	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	22.19	ppb
Thorium	232-1	35.12	37.56	32.25	34.98	7.60	ppb
Tin	118-1	0.42	0.33	0.42	0.39	13.34	ppb
Titanium	47-1	55.91	56.55	53.60	55.35	2.80	ppb
Uranium	238-1	0.13	0.13	0.12	0.13	6.24	ppb
Vanadium	51-2	5.62	5.79	5.79	5.73	1.72	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-01LX5	Instrumnet Name :	P7
Client Sample ID :	MB0AF9L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:16:23	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	103.40	102.98	104.06	103.48	0.53	ppb
Zirconium	90-1	0.09	0.11	0.10	0.10	10.82	ppb
Zirconium	91-1	0.08	0.08	0.11	0.09	17.81	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0DL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:19:58	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6794.81	6660.97	6685.71	6713.83	1.06	ppb
Antimony	121-1	0.23	0.23	0.24	0.24	2.31	ppb
Arsenic	75-2	2.25	1.94	1.79	1.99	11.81	ppb
Barium	135-1	44.24	45.01	43.19	44.15	2.07	ppb
Barium	137-1	43.69	44.11	43.85	43.88	0.47	ppb
Beryllium	9-1	0.24	0.30	0.30	0.28	11.98	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	2.06	2.45	2.72	2.41	13.60	ppb
Boron	11-1	2.67	2.47	2.45	2.53	4.90	ppb
Cadmium	111-1	0.11	0.14	0.11	0.12	10.57	ppb
Cadmium	106-1	0.19	0.50	0.18	0.29	61.98	ppb
Cadmium	108-1	0.09	0.35	0.30	0.25	54.19	ppb
Calcium	43-1	1257.06	1331.80	1275.70	1288.19	3.02	ppb
Calcium	44-1	1311.16	1278.19	1292.43	1293.93	1.28	ppb
Chromium	52-2	15.19	14.47	14.77	14.81	2.42	ppb
Cobalt	59-2	2.51	2.54	2.50	2.51	0.74	ppb
Copper	63-2	180.60	176.86	179.43	178.97	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	14220.82	14148.94	14112.64	14160.80	0.39	ppb
Iron	57-2	13983.28	13766.01	13934.92	13894.74	0.82	ppb
Krypton	83-1						cps
Lead	206-1	579.66	579.06	575.47	578.06	0.39	ppb
Lead	207-1	506.20	498.78	500.23	501.74	0.78	ppb
Lead	208-1	520.55	521.80	521.40	521.25	0.12	ppb
Lithium	6-1				109		%
Magnesium	24-2	1315.92	1305.54	1331.55	1317.67	0.99	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0DL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:19:58	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	83.23	81.57	83.17	82.66	1.14	ppb
Molybdenum	94-1	0.73	0.74	0.80	0.75	5.34	ppb
Molybdenum	95-1	0.60	0.60	0.66	0.62	5.22	ppb
Molybdenum	96-1	0.83	0.84	0.80	0.82	2.64	ppb
Molybdenum	97-1	0.62	0.62	0.70	0.65	6.72	ppb
Molybdenum	98-1	0.59	0.73	0.61	0.64	11.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.69	9.00	8.91	8.87	1.80	ppb
Phosphorus	31-2	3007.32	2158.01	2856.63	2673.99	16.95	ppb
Potassium	39-2	218.87	214.70	218.91	217.49	1.11	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	1.55	3.07	3.10	2.58	34.40	ppb
Selenium	78-2	0.02	0.63	1.18	0.61	94.91	ppb
Selenium	82-1	-0.25	0.07	-0.05	-0.07		ppb
Silicon	28-1	446.48	415.84	422.02	428.11	3.78	ppb
Silver	109-1	0.13	0.15	0.12	0.13	9.44	ppb
Silver	107-1	0.13	0.13	0.13	0.13	3.07	ppb
Sodium	23-2	147.02	146.05	145.39	146.15	0.56	ppb
Strontium	86-1	13.54	13.87	13.44	13.62	1.63	ppb
Strontium	88-1	12.93	13.22	13.20	13.12	1.23	ppb
Sulfur	34-1	-82045.97	-92148.12	-80899.31	-85031.13		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.01	0.05	0.03	78.66	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	11.63	ppb
Thorium	232-1	464.69	455.02	481.47	467.06	2.87	ppb
Tin	118-1	1.17	1.09	1.12	1.13	3.76	ppb
Titanium	47-1	136.43	134.94	139.12	136.83	1.55	ppb
Uranium	238-1	0.21	0.23	0.25	0.23	8.86	ppb
Vanadium	51-2	9.43	8.98	9.38	9.27	2.69	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0DL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:19:58	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	86.66	84.93	84.06	85.22	1.55	ppb
Zirconium	90-1	0.21	0.22	0.22	0.22	4.47	ppb
Zirconium	91-1	0.27	0.23	0.24	0.25	9.13	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0DDL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:23:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6919.19	6981.08	6740.26	6880.17	1.82	ppb
Antimony	121-1	0.21	0.23	0.20	0.21	5.93	ppb
Arsenic	75-2	2.05	1.80	1.86	1.91	6.86	ppb
Barium	135-1	45.49	43.59	45.03	44.70	2.21	ppb
Barium	137-1	44.28	42.78	44.27	43.78	1.97	ppb
Beryllium	9-1	0.29	0.27	0.30	0.29	5.99	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	2.49	2.37	1.84	2.23	15.56	ppb
Boron	11-1	1.89	1.76	1.97	1.87	5.55	ppb
Cadmium	111-1	0.19	0.13	0.13	0.15	22.95	ppb
Cadmium	106-1	0.72	0.46	0.23	0.47	51.85	ppb
Cadmium	108-1	0.05	0.14	0.10	0.10	43.79	ppb
Calcium	43-1	1286.82	1263.33	1276.66	1275.60	0.92	ppb
Calcium	44-1	1253.29	1254.38	1257.68	1255.12	0.18	ppb
Chromium	52-2	15.17	15.03	14.70	14.97	1.60	ppb
Cobalt	59-2	2.56	2.54	2.29	2.46	6.00	ppb
Copper	63-2	182.18	182.96	176.56	180.57	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	14952.66	14930.83	14555.21	14812.90	1.51	ppb
Iron	57-2	14911.23	14818.96	14370.64	14700.28	1.97	ppb
Krypton	83-1						cps
Lead	206-1	531.63	524.27	516.57	524.16	1.44	ppb
Lead	207-1	453.32	450.69	448.66	450.89	0.52	ppb
Lead	208-1	472.85	470.79	465.95	469.86	0.75	ppb
Lithium	6-1				110		%
Magnesium	24-2	1270.79	1262.56	1226.64	1253.33	1.87	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0DDL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:23:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	81.94	82.20	80.70	81.61	0.98	ppb
Molybdenum	94-1	0.73	0.79	0.74	0.75	3.79	ppb
Molybdenum	95-1	0.60	0.61	0.63	0.61	2.39	ppb
Molybdenum	96-1	0.81	0.74	0.80	0.79	4.86	ppb
Molybdenum	97-1	0.63	0.55	0.51	0.56	10.79	ppb
Molybdenum	98-1	0.65	0.62	0.67	0.65	3.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.62	8.88	8.76	8.75	1.47	ppb
Phosphorus	31-2	3254.04	3366.43	2639.52	3086.67	12.68	ppb
Potassium	39-2	208.75	206.54	204.45	206.58	1.04	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	3.13	1.53	2.31	2.33	34.26	ppb
Selenium	78-2	1.21	0.89	-0.50	0.53	171.62	ppb
Selenium	82-1	0.07	0.59	0.46	0.38	71.54	ppb
Silicon	28-1	403.13	406.06	410.76	406.65	0.95	ppb
Silver	109-1	0.14	0.12	0.13	0.13	8.59	ppb
Silver	107-1	0.13	0.15	0.12	0.13	9.70	ppb
Sodium	23-2	139.11	137.06	134.51	136.90	1.68	ppb
Strontium	86-1	13.39	13.72	13.44	13.52	1.29	ppb
Strontium	88-1	13.07	13.03	12.95	13.02	0.47	ppb
Sulfur	34-1	-91001.84	-94851.33	-94174.92	-93342.70		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.04	0.04	0.04	20.34	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	14.25	ppb
Thorium	232-1	450.17	446.21	450.89	449.09	0.56	ppb
Tin	118-1	0.93	1.01	1.03	0.99	5.49	ppb
Titanium	47-1	131.92	134.76	130.20	132.30	1.74	ppb
Uranium	238-1	0.23	0.19	0.24	0.22	10.10	ppb
Vanadium	51-2	9.43	9.31	8.99	9.24	2.49	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0DDL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:23:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	78.73	77.31	75.60	77.21	2.03	ppb
Zirconium	90-1	0.21	0.23	0.21	0.22	5.67	ppb
Zirconium	91-1	0.19	0.27	0.22	0.23	17.21	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0SDL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:27:08	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6591.64	6496.97	6885.16	6657.92	3.04	ppb
Antimony	121-1	7.23	7.48	7.59	7.43	2.44	ppb
Arsenic	75-2	5.75	5.30	5.60	5.55	4.09	ppb
Barium	135-1	234.10	236.80	239.49	236.80	1.14	ppb
Barium	137-1	233.06	237.33	236.92	235.77	1.00	ppb
Beryllium	9-1	5.09	4.87	5.03	4.99	2.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	1.37	1.62	1.68	1.56	10.59	ppb
Boron	11-1	1.72	1.73	1.82	1.76	3.02	ppb
Cadmium	111-1	4.70	4.93	5.20	4.95	5.07	ppb
Cadmium	106-1	3.78	4.63	3.73	4.05	12.50	ppb
Cadmium	108-1	4.79	4.72	4.41	4.64	4.39	ppb
Calcium	43-1	1291.44	1254.14	1303.78	1283.12	2.01	ppb
Calcium	44-1	1279.00	1280.45	1277.90	1279.12	0.10	ppb
Chromium	52-2	34.01	33.68	34.33	34.01	0.95	ppb
Cobalt	59-2	53.56	54.06	54.79	54.13	1.14	ppb
Copper	63-2	210.07	210.71	214.02	211.60	1.00	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				106		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	13507.12	13905.27	14205.91	13872.77	2.53	ppb
Iron	57-2	13366.11	13588.12	14117.04	13690.42	2.82	ppb
Krypton	83-1						cps
Lead	206-1	587.78	586.56	591.40	588.58	0.43	ppb
Lead	207-1	512.55	504.55	516.88	511.33	1.22	ppb
Lead	208-1	527.83	527.42	534.52	529.93	0.75	ppb
Lithium	6-1				110		%
Magnesium	24-2	1199.23	1178.50	1207.49	1195.07	1.25	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0SDL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:27:08	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	125.45	128.89	130.85	128.40	2.13	ppb
Molybdenum	94-1	0.83	0.73	0.74	0.77	7.40	ppb
Molybdenum	95-1	0.56	0.63	0.61	0.60	5.31	ppb
Molybdenum	96-1	0.77	0.64	0.78	0.73	10.53	ppb
Molybdenum	97-1	0.57	0.58	0.54	0.56	3.28	ppb
Molybdenum	98-1	0.55	0.58	0.61	0.58	4.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.15	59.14	61.75	60.34	2.18	ppb
Phosphorus	31-2	2653.32	2945.39	2761.15	2786.62	5.30	ppb
Potassium	39-2	195.52	207.27	194.00	198.93	3.65	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	6.17	6.18	7.07	6.47	7.95	ppb
Selenium	78-2	9.87	9.39	6.96	8.74	17.81	ppb
Selenium	82-1	8.47	8.77	8.63	8.62	1.73	ppb
Silicon	28-1	469.00	460.90	465.65	465.18	0.88	ppb
Silver	109-1	9.74	9.37	9.94	9.68	2.97	ppb
Silver	107-1	9.30	9.29	9.59	9.39	1.78	ppb
Sodium	23-2	129.32	126.84	137.02	131.06	4.05	ppb
Strontium	86-1	12.92	13.07	13.23	13.07	1.21	ppb
Strontium	88-1	13.01	13.01	13.21	13.08	0.91	ppb
Sulfur	34-1	-99602.59	-101251.74	-96166.99	-99007.11		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	4.86	4.82	5.09	4.92	2.97	ppb
Thallium	205-1	4.65	4.75	4.85	4.75	2.11	ppb
Thorium	232-1	481.22	469.60	484.84	478.55	1.66	ppb
Tin	118-1	1.38	1.36	1.42	1.38	2.21	ppb
Titanium	47-1	140.23	137.88	139.02	139.04	0.84	ppb
Uranium	238-1	0.21	0.21	0.20	0.21	1.84	ppb
Vanadium	51-2	57.19	57.76	58.30	57.75	0.96	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0SDL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:27:08	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	120.52	120.98	126.48	122.66	2.70	ppb
Zirconium	90-1	0.19	0.21	0.22	0.21	7.13	ppb
Zirconium	91-1	0.20	0.22	0.21	0.21	5.34	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MB0AG0LDL	Dilution Factor :	10
Date & Time Acquired ::	2019-11-07 17:30:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1375.05	1337.13	1376.53	1362.91	1.64	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	15.05	ppb
Arsenic	75-2	0.45	0.37	0.31	0.38	18.86	ppb
Barium	135-1	8.65	8.80	8.43	8.62	2.13	ppb
Barium	137-1	8.70	8.65	8.73	8.69	0.46	ppb
Beryllium	9-1	0.03	0.02	0.06	0.04	45.24	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.86	0.87	0.59	0.77	20.57	ppb
Boron	11-1	0.56	0.84	0.60	0.67	22.44	ppb
Cadmium	111-1	0.04	0.02	-0.01	0.02	120.36	ppb
Cadmium	106-1	0.35	-0.07	-0.47	-0.06		ppb
Cadmium	108-1	0.06	0.06	0.01	0.04	59.42	ppb
Calcium	43-1	245.82	263.23	245.51	251.52	4.03	ppb
Calcium	44-1	249.21	257.45	259.94	255.53	2.20	ppb
Chromium	52-2	3.00	2.91	3.01	2.97	1.89	ppb
Cobalt	59-2	0.53	0.46	0.50	0.50	7.38	ppb
Copper	63-2	36.34	35.41	35.80	35.85	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	2847.59	2852.01	2863.99	2854.53	0.30	ppb
Iron	57-2	2834.29	2893.44	2895.71	2874.48	1.21	ppb
Krypton	83-1						cps
Lead	206-1	110.15	110.52	109.57	110.08	0.44	ppb
Lead	207-1	94.84	95.07	94.41	94.77	0.36	ppb
Lead	208-1	99.10	99.07	99.20	99.12	0.07	ppb
Lithium	6-1				106		%
Magnesium	24-2	258.89	257.90	260.35	259.05	0.48	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MB0AG0LDL	Dilution Factor :	10
Date & Time Acquired ::	2019-11-07 17:30:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.26	16.91	16.43	16.53	2.05	ppb
Molybdenum	94-1	0.13	0.16	0.14	0.14	10.79	ppb
Molybdenum	95-1	0.16	0.14	0.10	0.13	19.61	ppb
Molybdenum	96-1	0.10	0.14	0.16	0.14	21.82	ppb
Molybdenum	97-1	0.12	0.12	0.09	0.11	18.46	ppb
Molybdenum	98-1	0.13	0.11	0.13	0.12	12.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.73	1.80	1.67	1.74	3.83	ppb
Phosphorus	31-2	436.52	538.69	190.67	388.63	46.03	ppb
Potassium	39-2	44.30	41.61	43.13	43.01	3.13	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.81	0.27	173.21	ppb
Selenium	78-2	0.52	0.10	-0.15	0.15	219.12	ppb
Selenium	82-1	-0.26	0.78	0.77	0.43	138.37	ppb
Silicon	28-1	81.72	81.64	81.04	81.47	0.45	ppb
Silver	109-1	0.04	0.03	0.04	0.04	21.75	ppb
Silver	107-1	0.03	0.04	0.03	0.04	8.96	ppb
Sodium	23-2	44.73	41.44	44.60	43.59	4.27	ppb
Strontium	86-1	2.55	2.86	2.75	2.72	5.92	ppb
Strontium	88-1	2.64	2.69	2.72	2.68	1.59	ppb
Sulfur	34-1	-91369.81	-97333.21	-95555.99	-94753.00		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.01	0.00	0.00	658.33	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	38.77	ppb
Thorium	232-1	90.79	84.58	85.65	87.01	3.82	ppb
Tin	118-1	0.21	0.21	0.21	0.21	0.98	ppb
Titanium	47-1	27.97	27.04	26.36	27.12	2.99	ppb
Uranium	238-1	0.02	0.04	0.05	0.04	35.02	ppb
Vanadium	51-2	1.85	1.84	1.81	1.83	1.12	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MB0AG0LDL	Dilution Factor :	10
Date & Time Acquired ::	2019-11-07 17:30:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.39	15.76	16.35	15.83	3.06	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	1.09	ppb
Zirconium	91-1	0.05	0.04	0.04	0.04	16.19	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:34:17	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59.24	62.01	65.04	62.10	4.67	ppb
Antimony	121-1	0.27	0.26	0.26	0.26	2.00	ppb
Arsenic	75-2	493.96	493.71	504.36	497.34	1.22	ppb
Barium	135-1	0.34	0.19	0.25	0.26	28.61	ppb
Barium	137-1	0.29	0.35	0.28	0.30	12.87	ppb
Beryllium	9-1	0.00	0.02	0.02	0.01	94.08	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	0.85	0.59	0.53	0.66	25.79	ppb
Boron	11-1	0.64	0.83	0.60	0.69	18.02	ppb
Cadmium	111-1	0.05	-0.02	0.13	0.06	132.01	ppb
Cadmium	106-1	0.07	-0.79	0.75	0.01	6709.33	ppb
Cadmium	108-1	0.01	0.01	0.01	0.01	1.47	ppb
Calcium	43-1	98.21	107.01	85.03	96.75	11.43	ppb
Calcium	44-1	82.48	84.77	83.36	83.54	1.38	ppb
Chromium	52-2	530.88	530.09	539.75	533.57	1.00	ppb
Cobalt	59-2	0.84	0.98	0.94	0.92	7.73	ppb
Copper	63-2	2.20	2.26	2.35	2.27	3.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	130267.29	130866.77	131820.50	130984.85	0.60	ppb
Iron	57-2	126960.45	127464.11	130598.84	128341.13	1.54	ppb
Krypton	83-1						cps
Lead	206-1	521.24	523.50	522.18	522.31	0.22	ppb
Lead	207-1	534.94	533.29	530.17	532.80	0.45	ppb
Lead	208-1	516.95	515.32	515.90	516.06	0.16	ppb
Lithium	6-1				102		%
Magnesium	24-2	258012.58	258806.49	262525.03	259781.36	0.93	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:34:17	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1069.53	1078.47	1083.94	1077.32	0.68	ppb
Molybdenum	94-1	1.11	0.99	1.08	1.06	6.24	ppb
Molybdenum	95-1	1.26	1.41	1.37	1.35	5.97	ppb
Molybdenum	96-1	2.51	2.47	2.58	2.52	2.28	ppb
Molybdenum	97-1	1.47	1.32	1.60	1.46	9.29	ppb
Molybdenum	98-1	1.37	1.28	1.48	1.38	6.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.10	8.51	8.84	8.49	4.36	ppb
Phosphorus	31-2	-230.96	-136.93	-166.07	-177.99		ppb
Potassium	39-2	19.11	19.05	20.58	19.58	4.44	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.38	-1.07	0.47	-0.33		ppb
Selenium	82-1	0.35	1.00	0.15	0.50	88.66	ppb
Silicon	28-1	2.40	2.68	2.85	2.64	8.66	ppb
Silver	109-1	0.02	0.03	0.03	0.03	24.82	ppb
Silver	107-1	0.03	0.02	0.04	0.03	26.48	ppb
Sodium	23-2	46.28	43.45	44.03	44.59	3.35	ppb
Strontium	86-1	-0.06	-0.03	-0.07	-0.05		ppb
Strontium	88-1	0.04	0.05	0.04	0.04	22.77	ppb
Sulfur	34-1	-46975.05	-29299.34	-20850.01	-32374.80		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.03	0.05	0.04	25.78	ppb
Thallium	205-1	0.04	0.06	0.04	0.05	21.16	ppb
Thorium	232-1	2.65	2.10	8.37	4.38	79.27	ppb
Tin	118-1	0.07	0.06	0.05	0.06	12.09	ppb
Titanium	47-1	0.17	0.19	0.23	0.20	15.93	ppb
Uranium	238-1	0.03	0.05	0.04	0.04	19.13	ppb
Vanadium	51-2	0.12	0.13	0.08	0.11	24.91	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:34:17	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.39	6.93	6.32	6.88	7.86	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	38.92	ppb
Zirconium	91-1	0.14	0.24	0.20	0.20	24.92	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:37:54	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	-0.11	0.07	0.12	215.28	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	0.03	0.08	0.04	0.05	56.77	ppb
Barium	135-1	0.01	-0.02	0.00	0.00		ppb
Barium	137-1	0.01	0.01	0.00	0.01	61.15	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	279.84	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	0.54	0.07	0.70	0.44	74.86	ppb
Boron	11-1	0.52	0.71	0.64	0.62	15.86	ppb
Cadmium	111-1	0.07	0.04	0.00	0.04	91.55	ppb
Cadmium	106-1	0.78	0.55	-0.04	0.43	98.86	ppb
Cadmium	108-1	0.02	0.01	-0.03	0.00	10625.20	ppb
Calcium	43-1	1.00	0.01	0.41	0.47	106.22	ppb
Calcium	44-1	0.96	-0.44	-0.35	0.06	1355.32	ppb
Chromium	52-2	-0.16	-0.15	-0.13	-0.15		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.01	0.04	0.04	0.03	61.75	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				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	5.56	5.23	5.19	5.33	3.78	ppb
Iron	57-2	4.08	4.05	4.22	4.12	2.24	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.11	0.11	0.12	16.79	ppb
Lead	207-1	0.11	0.13	0.13	0.13	8.51	ppb
Lead	208-1	0.12	0.13	0.11	0.12	5.88	ppb
Lithium	6-1				101		%
Magnesium	24-2	6.22	7.58	6.62	6.81	10.28	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:37:54	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.05	0.00	0.03	98.31	ppb
Molybdenum	94-1	-0.03	-0.02	-0.02	-0.02		ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	42.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-282.51	-250.82	-410.75	-314.69		ppb
Potassium	39-2	2.46	2.96	0.91	2.11	50.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.56	0.43	0.85	0.61	35.45	ppb
Selenium	82-1	0.16	-0.74	0.21	-0.12		ppb
Silicon	28-1	0.01	-0.06	-0.84	-0.30		ppb
Silver	109-1	0.01	0.01	0.01	0.01	1.49	ppb
Silver	107-1	0.01	0.01	0.01	0.01	44.93	ppb
Sodium	23-2	10.12	9.12	9.64	9.63	5.19	ppb
Strontium	86-1	0.04	0.03	-0.09	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2780.55	-2544.52	-10670.98	-5332.01		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	-0.05	-0.01	-0.01	-0.02		ppb
Thallium	205-1	-0.01	0.00	-0.01	0.00		ppb
Thorium	232-1	1.69	0.96	3.67	2.11	66.54	ppb
Tin	118-1	0.04	0.05	0.01	0.03	56.02	ppb
Titanium	47-1	0.06	-0.02	0.03	0.02	182.18	ppb
Uranium	238-1	0.00	0.00	0.02	0.01	228.61	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	75.52	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:37:54	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.49	0.30	0.24	0.34	37.89	ppb
Zirconium	90-1	0.00	-0.01	-0.01	0.00		ppb
Zirconium	91-1	-0.01	0.00	-0.01	0.00		ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:47:08	DataFile Name :	041LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.05	17.15	18.70	17.97	4.33	ppb
Antimony	121-1	1.93	2.03	1.85	1.94	4.59	ppb
Arsenic	75-2	1.02	1.12	1.17	1.10	7.17	ppb
Barium	135-1	10.27	10.44	9.64	10.12	4.14	ppb
Barium	137-1	9.84	10.39	10.23	10.15	2.76	ppb
Beryllium	9-1	0.92	1.03	0.94	0.96	6.06	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	22.05	22.81	22.14	22.33	1.86	ppb
Boron	11-1	23.10	23.40	23.68	23.39	1.24	ppb
Cadmium	111-1	1.07	1.10	1.18	1.12	5.07	ppb
Cadmium	106-1	0.94	1.40	2.49	1.61	49.38	ppb
Cadmium	108-1	1.01	0.89	0.99	0.96	6.86	ppb
Calcium	43-1	532.47	503.36	513.08	516.30	2.87	ppb
Calcium	44-1	481.75	481.49	486.03	483.09	0.53	ppb
Chromium	52-2	1.95	1.81	1.95	1.90	4.38	ppb
Cobalt	59-2	1.05	1.07	1.12	1.08	3.48	ppb
Copper	63-2	2.02	2.26	2.06	2.11	5.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	55.00	54.36	54.24	54.54	0.75	ppb
Iron	57-2	57.55	63.48	55.86	58.96	6.79	ppb
Krypton	83-1						cps
Lead	206-1	1.03	1.04	0.99	1.02	2.50	ppb
Lead	207-1	1.10	1.06	1.03	1.06	3.28	ppb
Lead	208-1	1.05	1.07	1.04	1.05	1.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	503.94	497.64	509.01	503.53	1.13	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:47:08	DataFile Name :	041LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.17	1.03	1.04	1.08	7.07	ppb
Molybdenum	94-1	5.02	4.75	4.97	4.91	2.92	ppb
Molybdenum	95-1	5.05	5.14	4.74	4.98	4.20	ppb
Molybdenum	96-1	4.95	4.73	4.84	4.84	2.34	ppb
Molybdenum	97-1	5.18	4.97	5.28	5.14	3.10	ppb
Molybdenum	98-1	5.09	4.90	4.98	4.99	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.27	1.15	1.17	7.45	ppb
Phosphorus	31-2	318.48	126.68	221.54	222.23	43.15	ppb
Potassium	39-2	468.97	462.56	467.71	466.41	0.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	5.90	5.09	4.29	5.09	15.83	ppb
Selenium	78-2	6.38	4.47	5.11	5.32	18.35	ppb
Selenium	82-1	6.11	6.38	5.86	6.12	4.27	ppb
Silicon	28-1	6.20	6.23	7.01	6.48	7.14	ppb
Silver	109-1	0.19	0.15	0.16	0.17	12.37	ppb
Silver	107-1	0.15	0.19	0.15	0.17	13.82	ppb
Sodium	23-2	484.70	480.04	489.61	484.79	0.99	ppb
Strontium	86-1	0.93	1.02	0.84	0.93	9.23	ppb
Strontium	88-1	1.00	1.00	0.97	0.99	1.76	ppb
Sulfur	34-1	-20969.21	-10284.44	-3435.75	-11563.13		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.99	1.05	0.96	1.00	4.54	ppb
Thallium	205-1	0.95	0.95	0.96	0.95	0.56	ppb
Thorium	232-1	258.29	273.44	262.84	264.86	2.94	ppb
Tin	118-1	5.17	5.32	5.01	5.17	3.00	ppb
Titanium	47-1	4.84	5.14	5.41	5.13	5.52	ppb
Uranium	238-1	0.93	0.94	0.90	0.93	2.10	ppb
Vanadium	51-2	5.25	5.40	5.25	5.30	1.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:47:08	DataFile Name :	041LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.37	2.16	2.17	2.23	5.21	ppb
Zirconium	90-1	0.97	0.94	0.87	0.93	5.85	ppb
Zirconium	91-1	1.00	1.00	1.04	1.02	2.36	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01	Instrumnet Name :	P7
Client Sample ID :	S32-0670	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:50:58	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1783.22	1823.68	1802.37	1803.09	1.12	ppb
Antimony	121-1	0.64	0.77	0.76	0.72	10.44	ppb
Arsenic	75-2	5.50	4.81	5.44	5.25	7.32	ppb
Barium	135-1	9.60	9.59	9.26	9.49	2.05	ppb
Barium	137-1	8.91	9.11	9.03	9.02	1.15	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	16.46	16.64	15.87	16.32	2.46	ppb
Boron	11-1	16.20	16.13	16.68	16.34	1.84	ppb
Cadmium	111-1	0.08	0.02	0.01	0.04	102.42	ppb
Cadmium	106-1	0.49	-0.59	-0.34	-0.15		ppb
Cadmium	108-1	0.43	0.39	0.39	0.41	5.77	ppb
Calcium	43-1	107370.25	105959.93	107754.75	107028.31	0.88	ppb
Calcium	44-1	109593.87	109655.60	110889.19	110046.22	0.66	ppb
Chromium	52-2	1.57	1.54	1.53	1.55	1.37	ppb
Cobalt	59-2	0.13	0.12	0.12	0.12	5.42	ppb
Copper	63-2	6.97	6.59	7.10	6.88	3.81	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				104		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	33.21	33.89	32.71	33.27	1.79	ppb
Iron	57-2	365.91	384.75	374.51	375.06	2.52	ppb
Krypton	83-1						cps
Lead	206-1	1.41	1.44	1.33	1.40	4.13	ppb
Lead	207-1	1.40	1.25	1.15	1.27	9.69	ppb
Lead	208-1	1.32	1.35	1.28	1.32	2.79	ppb
Lithium	6-1				112		%
Magnesium	24-2	31.25	33.69	35.50	33.48	6.36	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01	Instrumnet Name :	P7
Client Sample ID :	S32-0670	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:50:58	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.42	0.41	0.48	0.44	9.54	ppb
Molybdenum	94-1	27.92	27.40	27.84	27.72	1.02	ppb
Molybdenum	95-1	40.29	39.87	38.82	39.66	1.90	ppb
Molybdenum	96-1	38.35	38.19	37.65	38.06	0.96	ppb
Molybdenum	97-1	41.17	39.99	39.89	40.35	1.77	ppb
Molybdenum	98-1	38.98	39.45	38.86	39.10	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.13	12.53	11.93	12.20	2.50	ppb
Phosphorus	31-2	37.72	-312.81	-311.08	-195.39		ppb
Potassium	39-2	4015.79	4083.59	4008.73	4036.04	1.02	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	1.76	1.73	0.89	1.46	33.88	ppb
Selenium	78-2	0.92	0.29	0.96	0.72	52.12	ppb
Selenium	82-1	1.22	1.66	1.95	1.61	22.76	ppb
Silicon	28-1	3639.18	3485.32	3565.31	3563.27	2.16	ppb
Silver	109-1	0.44	0.49	0.44	0.46	5.88	ppb
Silver	107-1	0.40	0.49	0.46	0.45	10.08	ppb
Sodium	23-2	61263.71	61757.86	61128.19	61383.25	0.54	ppb
Strontium	86-1	212.51	214.37	213.70	213.53	0.44	ppb
Strontium	88-1	209.78	206.78	208.31	208.29	0.72	ppb
Sulfur	34-1	280400.82	256214.93	265264.06	267293.27	4.57	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.20	0.18	0.14	0.17	15.57	ppb
Thallium	205-1	0.13	0.21	0.21	0.18	24.12	ppb
Thorium	232-1	2.11	0.90	5.95	2.99	88.44	ppb
Tin	118-1	2.02	2.02	2.16	2.07	3.99	ppb
Titanium	47-1	0.70	0.62	0.74	0.69	9.00	ppb
Uranium	238-1	0.01	0.02	0.03	0.02	44.31	ppb
Vanadium	51-2	12.74	12.77	13.03	12.84	1.26	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01	Instrumnet Name :	P7
Client Sample ID :	S32-0670	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:50:58	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.18	9.81	10.04	10.01	1.84	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	14.06	ppb
Zirconium	91-1	0.04	0.05	0.07	0.05	25.38	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0670DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:54:33	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1864.53	1789.23	1856.61	1836.79	2.25	ppb
Antimony	121-1	0.81	0.84	0.83	0.82	1.93	ppb
Arsenic	75-2	5.25	5.05	5.05	5.12	2.21	ppb
Barium	135-1	8.77	9.57	8.71	9.02	5.30	ppb
Barium	137-1	8.78	9.20	9.37	9.12	3.35	ppb
Beryllium	9-1	-0.02	-0.02	0.00	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	14.90	16.34	15.42	15.55	4.71	ppb
Boron	11-1	15.65	16.85	15.73	16.08	4.17	ppb
Cadmium	111-1	0.06	0.02	0.01	0.03	83.08	ppb
Cadmium	106-1	-0.22	-0.37	-0.75	-0.45		ppb
Cadmium	108-1	0.13	0.43	0.26	0.28	54.15	ppb
Calcium	43-1	102555.44	106770.53	106726.87	105350.95	2.30	ppb
Calcium	44-1	105101.91	109540.26	110636.06	108426.08	2.70	ppb
Chromium	52-2	1.39	1.37	1.36	1.37	1.26	ppb
Cobalt	59-2	0.14	0.14	0.15	0.14	1.57	ppb
Copper	63-2	6.28	6.18	6.45	6.30	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	33.74	32.55	33.83	33.37	2.15	ppb
Iron	57-2	377.19	372.92	374.83	374.98	0.57	ppb
Krypton	83-1						cps
Lead	206-1	1.09	1.09	1.18	1.12	4.84	ppb
Lead	207-1	0.97	1.06	1.05	1.03	4.52	ppb
Lead	208-1	1.03	1.09	1.07	1.06	3.14	ppb
Lithium	6-1				108		%
Magnesium	24-2	39.21	35.60	33.70	36.17	7.74	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0670DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:54:33	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.37	0.50	0.48	0.45	14.87	ppb
Molybdenum	94-1	26.88	27.43	27.82	27.37	1.73	ppb
Molybdenum	95-1	38.57	39.66	39.39	39.21	1.45	ppb
Molybdenum	96-1	36.63	37.63	37.00	37.09	1.37	ppb
Molybdenum	97-1	39.99	40.05	39.81	39.95	0.31	ppb
Molybdenum	98-1	38.94	39.64	38.81	39.13	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.54	12.19	12.43	12.05	3.85	ppb
Phosphorus	31-2	-205.87	-171.69	-129.29	-168.95		ppb
Potassium	39-2	4073.44	3935.78	4016.47	4008.56	1.73	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	0.89	1.81	0.00	0.90	100.47	ppb
Selenium	78-2	0.08	1.77	0.13	0.66	145.50	ppb
Selenium	82-1	1.05	1.78	1.30	1.38	26.74	ppb
Silicon	28-1	3390.25	3519.28	3496.17	3468.57	1.98	ppb
Silver	109-1	0.15	0.20	0.17	0.17	14.85	ppb
Silver	107-1	0.16	0.17	0.17	0.17	3.36	ppb
Sodium	23-2	61725.08	60800.76	62544.04	61689.96	1.41	ppb
Strontium	86-1	210.25	212.51	212.88	211.88	0.67	ppb
Strontium	88-1	203.81	208.35	207.89	206.68	1.21	ppb
Sulfur	34-1	223863.93	246893.24	237015.74	235924.30	4.90	ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.07	0.03	0.06	35.87	ppb
Thallium	205-1	0.04	0.07	0.06	0.05	28.38	ppb
Thorium	232-1	-2.62	-0.48	1.03	-0.69		ppb
Tin	118-1	1.97	1.98	1.95	1.97	0.92	ppb
Titanium	47-1	0.72	0.82	0.73	0.75	7.60	ppb
Uranium	238-1	0.01	0.03	0.03	0.02	51.73	ppb
Vanadium	51-2	13.17	12.78	13.18	13.04	1.73	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0670DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:54:33	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.84	10.35	10.48	10.22	3.28	ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	42.86	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	9.28	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0670L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:58:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	354.15	384.21	364.34	367.57	4.16	ppb
Antimony	121-1	0.23	0.25	0.20	0.23	9.86	ppb
Arsenic	75-2	1.15	0.91	1.13	1.06	12.72	ppb
Barium	135-1	1.82	1.74	2.04	1.87	8.42	ppb
Barium	137-1	1.71	2.06	1.76	1.84	10.22	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	4.42	4.38	4.17	4.32	3.16	ppb
Boron	11-1	4.65	4.49	4.46	4.54	2.21	ppb
Cadmium	111-1	0.01	0.04	0.02	0.02	61.33	ppb
Cadmium	106-1	-0.14	0.09	-0.08	-0.04		ppb
Cadmium	108-1	0.01	0.09	-0.03	0.03	244.12	ppb
Calcium	43-1	21646.04	21479.58	21312.31	21479.31	0.78	ppb
Calcium	44-1	21512.32	21541.57	21863.54	21639.15	0.90	ppb
Chromium	52-2	0.16	0.15	0.06	0.12	44.10	ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	62.05	ppb
Copper	63-2	1.50	1.61	1.62	1.57	4.00	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				106		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	7.21	7.04	7.25	7.17	1.58	ppb
Iron	57-2	72.63	75.13	76.75	74.84	2.78	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.29	0.30	0.29	1.70	ppb
Lead	207-1	0.33	0.30	0.36	0.33	7.82	ppb
Lead	208-1	0.31	0.31	0.31	0.31	1.27	ppb
Lithium	6-1				101		%
Magnesium	24-2	7.51	6.59	6.60	6.90	7.62	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0670L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:58:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.14	0.12	0.11	0.12	10.49	ppb
Molybdenum	94-1	5.68	5.26	5.33	5.43	4.16	ppb
Molybdenum	95-1	8.01	7.47	7.80	7.76	3.50	ppb
Molybdenum	96-1	7.10	7.45	7.62	7.39	3.58	ppb
Molybdenum	97-1	7.92	7.90	7.93	7.92	0.20	ppb
Molybdenum	98-1	7.90	7.81	7.53	7.75	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.27	2.37	2.24	2.29	2.85	ppb
Phosphorus	31-2	-54.83	-312.31	-310.83	-225.99		ppb
Potassium	39-2	795.90	821.25	819.45	812.20	1.74	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.87	0.00	0.29	173.21	ppb
Selenium	78-2	0.42	-0.14	-0.28	0.00	41949.11	ppb
Selenium	82-1	0.02	0.47	-0.29	0.07	566.16	ppb
Silicon	28-1	698.57	699.52	700.34	699.48	0.13	ppb
Silver	109-1	0.06	0.04	0.05	0.05	23.73	ppb
Silver	107-1	0.04	0.05	0.04	0.04	8.05	ppb
Sodium	23-2	11826.20	11852.43	12084.63	11921.09	1.19	ppb
Strontium	86-1	41.68	41.05	41.31	41.35	0.77	ppb
Strontium	88-1	41.52	41.38	41.51	41.47	0.19	ppb
Sulfur	34-1	-10597.44	-13552.98	-8346.10	-10832.17		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	-0.02	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.01	0.00	0.01	35.22	ppb
Thorium	232-1	0.32	-1.78	-0.39	-0.62		ppb
Tin	118-1	0.37	0.37	0.34	0.36	5.69	ppb
Titanium	47-1	0.22	0.18	0.22	0.21	10.43	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	112.25	ppb
Vanadium	51-2	2.80	2.48	2.45	2.58	7.43	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0670L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:58:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.39	3.22	2.97	3.19	6.64	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-02	Instrumnet Name :	P7
Client Sample ID :	S32-0670MS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:01:42	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10735.09	10917.84	10850.96	10834.63	0.85	ppb
Antimony	121-1	513.55	517.11	512.22	514.30	0.49	ppb
Arsenic	75-2	546.80	551.95	545.05	547.93	0.65	ppb
Barium	135-1	2477.35	2480.27	2438.70	2465.44	0.94	ppb
Barium	137-1	2428.61	2454.23	2428.62	2437.15	0.61	ppb
Beryllium	9-1	442.06	442.81	437.77	440.88	0.62	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	452.79	462.30	456.88	457.32	1.04	ppb
Boron	11-1	448.61	461.40	455.84	455.28	1.41	ppb
Cadmium	111-1	481.05	482.26	484.67	482.66	0.38	ppb
Cadmium	106-1	472.11	469.45	465.57	469.04	0.70	ppb
Cadmium	108-1	473.91	489.53	481.37	481.60	1.62	ppb
Calcium	43-1	152363.74	150608.60	150935.37	151302.57	0.62	ppb
Calcium	44-1	154053.16	155073.37	152665.13	153930.55	0.79	ppb
Chromium	52-2	545.85	558.71	552.68	552.41	1.16	ppb
Cobalt	59-2	559.77	573.21	566.61	566.53	1.19	ppb
Copper	63-2	1118.93	1148.70	1134.91	1134.18	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				87		%
Iron	56-2	25627.64	26162.63	26098.45	25962.91	1.13	ppb
Iron	57-2	26063.67	26364.59	26340.43	26256.23	0.64	ppb
Krypton	83-1						cps
Lead	206-1	518.89	527.98	525.55	524.14	0.90	ppb
Lead	207-1	533.45	536.85	532.45	534.25	0.43	ppb
Lead	208-1	515.13	523.24	515.24	517.87	0.90	ppb
Lithium	6-1				104		%
Magnesium	24-2	47600.24	48473.82	47905.94	47993.33	0.92	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-02	Instrumnet Name :	P7
Client Sample ID :	S32-0670MS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:01:42	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1087.49	1107.42	1109.35	1101.42	1.10	ppb
Molybdenum	94-1	2491.89	2478.63	2478.66	2483.06	0.31	ppb
Molybdenum	95-1	2590.93	2570.80	2568.28	2576.67	0.48	ppb
Molybdenum	96-1	2572.89	2582.09	2627.34	2594.11	1.12	ppb
Molybdenum	97-1	2498.09	2538.65	2526.31	2521.01	0.82	ppb
Molybdenum	98-1	2594.55	2610.06	2611.85	2605.49	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	573.60	585.79	579.24	579.54	1.05	ppb
Phosphorus	31-2	-134.91	-234.60	-305.16	-224.89		ppb
Potassium	39-2	26694.35	27300.94	27109.73	27035.01	1.15	ppb
Rhodium	103-1				97		%
Rhodium	103-2				90		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	502.39	508.89	458.24	489.84	5.63	ppb
Selenium	78-2	493.26	502.07	485.00	493.45	1.73	ppb
Selenium	82-1	493.43	489.02	500.29	494.25	1.15	ppb
Silicon	28-1	3799.41	3811.92	3780.05	3797.12	0.42	ppb
Silver	109-1	466.86	473.14	461.76	467.25	1.22	ppb
Silver	107-1	447.21	464.51	453.55	455.09	1.92	ppb
Sodium	23-2	109264.30	110217.92	108898.29	109460.17	0.62	ppb
Strontium	86-1	703.64	705.44	706.75	705.28	0.22	ppb
Strontium	88-1	712.85	705.86	719.93	712.88	0.99	ppb
Sulfur	34-1	230749.02	228438.90	214196.50	224461.47	3.99	ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	505.20	519.70	512.07	512.32	1.42	ppb
Thallium	205-1	491.90	503.73	495.61	497.08	1.22	ppb
Thorium	232-1	9.24	9.50	8.96	9.23	2.95	ppb
Tin	118-1	494.75	500.04	499.50	498.10	0.58	ppb
Titanium	47-1	2608.35	2625.67	2592.39	2608.80	0.64	ppb
Uranium	238-1	520.10	527.08	519.61	522.26	0.80	ppb
Vanadium	51-2	555.84	565.43	557.60	559.62	0.91	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-02	Instrumnet Name :	P7
Client Sample ID :	S32-0670MS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:01:42	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	952.00	983.13	960.31	965.15	1.67	ppb
Zirconium	90-1	498.21	498.55	494.59	497.12	0.44	ppb
Zirconium	91-1	501.43	500.08	499.93	500.48	0.16	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-03	Instrumnet Name :	P7
Client Sample ID :	S32-0670MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:05:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11007.83	10685.93	10690.56	10794.77	1.71	ppb
Antimony	121-1	516.43	523.83	512.29	517.51	1.13	ppb
Arsenic	75-2	545.37	537.84	537.66	540.29	0.81	ppb
Barium	135-1	2466.85	2520.46	2435.73	2474.35	1.73	ppb
Barium	137-1	2442.37	2489.54	2398.64	2443.52	1.86	ppb
Beryllium	9-1	440.47	446.41	435.65	440.85	1.22	ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Boron	10-1	453.25	481.11	466.29	466.89	2.99	ppb
Boron	11-1	465.63	469.74	460.93	465.44	0.95	ppb
Cadmium	111-1	481.48	483.78	478.01	481.09	0.60	ppb
Cadmium	106-1	464.60	463.61	461.99	463.40	0.28	ppb
Cadmium	108-1	476.82	493.09	468.09	479.33	2.65	ppb
Calcium	43-1	155306.06	153155.22	151634.60	153365.29	1.20	ppb
Calcium	44-1	156275.79	156395.14	156079.20	156250.05	0.10	ppb
Chromium	52-2	557.96	551.95	545.47	551.79	1.13	ppb
Cobalt	59-2	572.35	564.21	556.93	564.50	1.37	ppb
Copper	63-2	1153.39	1147.76	1135.20	1145.45	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				104		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				86		%
Iron	56-2	26450.29	26037.32	25684.62	26057.41	1.47	ppb
Iron	57-2	26929.39	26252.06	25593.63	26258.36	2.54	ppb
Krypton	83-1						cps
Lead	206-1	529.46	539.47	529.00	532.64	1.11	ppb
Lead	207-1	535.47	546.19	535.94	539.20	1.12	ppb
Lead	208-1	522.90	527.35	523.48	524.58	0.46	ppb
Lithium	6-1				102		%
Magnesium	24-2	48609.08	48169.43	47345.96	48041.49	1.33	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-03	Instrumnet Name :	P7
Client Sample ID :	S32-0670MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:05:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1118.50	1094.72	1092.45	1101.89	1.31	ppb
Molybdenum	94-1	2498.27	2513.05	2471.76	2494.36	0.84	ppb
Molybdenum	95-1	2586.02	2641.10	2560.20	2595.77	1.59	ppb
Molybdenum	96-1	2611.29	2631.33	2561.80	2601.47	1.38	ppb
Molybdenum	97-1	2570.31	2587.69	2511.33	2556.44	1.57	ppb
Molybdenum	98-1	2592.71	2607.72	2570.96	2590.47	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	595.81	583.73	575.95	585.16	1.71	ppb
Phosphorus	31-2	-154.30	-88.00	-267.41	-169.90		ppb
Potassium	39-2	27424.31	26739.51	26454.92	26872.91	1.85	ppb
Rhodium	103-1				94		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	490.88	478.67	527.98	499.18	5.14	ppb
Selenium	78-2	485.02	472.99	493.86	483.96	2.16	ppb
Selenium	82-1	496.81	504.30	496.75	499.29	0.87	ppb
Silicon	28-1	3861.41	3832.39	3772.98	3822.26	1.18	ppb
Silver	109-1	469.15	478.46	463.85	470.48	1.57	ppb
Silver	107-1	458.04	459.75	453.09	456.96	0.76	ppb
Sodium	23-2	111521.24	108650.61	108039.37	109403.74	1.70	ppb
Strontium	86-1	709.68	720.54	703.79	711.34	1.19	ppb
Strontium	88-1	709.80	722.59	707.08	713.16	1.16	ppb
Sulfur	34-1	234703.23	221126.28	211998.17	222609.23	5.13	ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	526.87	535.68	522.82	528.46	1.24	ppb
Thallium	205-1	503.29	511.79	500.62	505.24	1.15	ppb
Thorium	232-1	8.49	8.10	9.34	8.64	7.34	ppb
Tin	118-1	499.60	506.16	490.23	498.66	1.61	ppb
Titanium	47-1	2659.81	2655.49	2621.87	2645.72	0.78	ppb
Uranium	238-1	529.38	531.24	528.75	529.79	0.24	ppb
Vanadium	51-2	566.36	558.21	547.08	557.21	1.74	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-03	Instrumnet Name :	P7
Client Sample ID :	S32-0670MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:05:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	990.44	963.18	943.92	965.85	2.42	ppb
Zirconium	90-1	498.88	500.11	493.69	497.56	0.69	ppb
Zirconium	91-1	501.58	504.82	499.60	502.00	0.53	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0670A	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:09:03	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10766.54	10731.88	10683.08	10727.17	0.39	ppb
Antimony	121-1	512.06	518.08	510.91	513.68	0.75	ppb
Arsenic	75-2	535.15	538.00	550.92	541.36	1.55	ppb
Barium	135-1	2473.12	2491.32	2451.01	2471.82	0.82	ppb
Barium	137-1	2433.33	2458.58	2421.42	2437.77	0.78	ppb
Beryllium	9-1	444.97	445.00	441.67	443.88	0.43	ppb
Bismuth	209-1				95		%
Bismuth	209-2				89		%
Boron	10-1	467.33	478.73	475.31	473.79	1.23	ppb
Boron	11-1	470.07	480.66	480.51	477.08	1.27	ppb
Cadmium	111-1	477.97	489.93	485.00	484.30	1.24	ppb
Cadmium	106-1	468.48	477.87	466.33	470.89	1.30	ppb
Cadmium	108-1	479.44	484.29	471.97	478.57	1.30	ppb
Calcium	43-1	151985.32	153421.69	150469.42	151958.81	0.97	ppb
Calcium	44-1	155768.60	156687.91	152848.99	155101.83	1.29	ppb
Chromium	52-2	553.97	552.34	548.38	551.56	0.52	ppb
Cobalt	59-2	568.76	562.51	564.04	565.11	0.58	ppb
Copper	63-2	1139.73	1145.55	1137.54	1140.94	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				103		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				85		%
Iron	56-2	25892.86	26029.55	25623.35	25848.58	0.80	ppb
Iron	57-2	26672.26	25993.71	25967.72	26211.23	1.52	ppb
Krypton	83-1						cps
Lead	206-1	544.79	539.37	534.27	539.48	0.98	ppb
Lead	207-1	551.15	545.95	539.16	545.42	1.10	ppb
Lead	208-1	531.52	532.06	525.44	529.67	0.69	ppb
Lithium	6-1				98		%
Magnesium	24-2	47607.61	47493.25	47242.49	47447.78	0.39	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0670A	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:09:03	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1100.00	1096.28	1088.79	1095.02	0.52	ppb
Molybdenum	94-1	2534.92	2499.68	2441.04	2491.88	1.90	ppb
Molybdenum	95-1	2599.61	2653.16	2573.30	2608.69	1.56	ppb
Molybdenum	96-1	2640.46	2642.06	2590.41	2624.31	1.12	ppb
Molybdenum	97-1	2551.26	2573.85	2512.55	2545.88	1.22	ppb
Molybdenum	98-1	2598.90	2662.27	2574.95	2612.04	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	578.04	583.82	582.70	581.52	0.53	ppb
Phosphorus	31-2	-334.23	-298.61	-300.04	-310.96		ppb
Potassium	39-2	26917.90	26983.32	26899.80	26933.67	0.16	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	471.87	523.05	518.13	504.35	5.60	ppb
Selenium	78-2	466.99	486.22	493.40	482.20	2.83	ppb
Selenium	82-1	506.10	502.71	488.34	499.05	1.89	ppb
Silicon	28-1	3784.67	3805.77	3740.84	3777.09	0.88	ppb
Silver	109-1	461.06	473.56	461.91	465.51	1.50	ppb
Silver	107-1	455.37	461.51	452.74	456.54	0.99	ppb
Sodium	23-2	109284.87	108338.36	107896.34	108506.52	0.65	ppb
Strontium	86-1	712.73	716.58	705.28	711.53	0.81	ppb
Strontium	88-1	725.85	722.78	712.99	720.54	0.93	ppb
Sulfur	34-1	213736.49	215763.02	200596.09	210031.87	3.92	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	533.08	530.67	519.23	527.66	1.40	ppb
Thallium	205-1	516.88	514.31	503.02	511.40	1.44	ppb
Thorium	232-1	11.31	12.04	10.09	11.14	8.85	ppb
Tin	118-1	492.12	505.46	491.04	496.21	1.62	ppb
Titanium	47-1	2654.17	2667.28	2619.95	2647.13	0.92	ppb
Uranium	238-1	539.82	536.33	528.06	534.74	1.13	ppb
Vanadium	51-2	557.46	559.12	552.74	556.44	0.59	ppb
Yttrium	89-1				98		%
Yttrium	89-2				89		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0670A	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:09:03	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	964.11	972.07	964.76	966.98	0.46	ppb
Zirconium	90-1	498.89	497.90	488.15	494.98	1.20	ppb
Zirconium	91-1	497.85	501.39	500.00	499.74	0.36	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-04	Instrumnet Name :	P7
Client Sample ID :	S32-0672	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:12:38	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.64	54.05	63.23	57.30	8.96	ppb
Antimony	121-1	0.99	1.00	0.94	0.98	2.96	ppb
Arsenic	75-2	8.20	7.55	7.39	7.72	5.58	ppb
Barium	135-1	22.32	22.68	21.78	22.26	2.05	ppb
Barium	137-1	22.89	22.06	22.16	22.37	2.04	ppb
Beryllium	9-1	0.08	0.05	0.07	0.06	26.14	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	68.96	61.92	63.00	64.63	5.86	ppb
Boron	11-1	65.29	65.37	63.45	64.70	1.68	ppb
Cadmium	111-1	0.06	0.13	0.00	0.06	95.00	ppb
Cadmium	106-1	-0.30	0.41	-0.77	-0.22		ppb
Cadmium	108-1	0.01	0.14	0.10	0.08	77.15	ppb
Calcium	43-1	50673.53	50401.49	50302.25	50459.09	0.38	ppb
Calcium	44-1	51147.42	51752.07	51130.44	51343.31	0.69	ppb
Chromium	52-2	1.32	1.23	1.48	1.34	9.50	ppb
Cobalt	59-2	0.26	0.26	0.27	0.26	2.15	ppb
Copper	63-2	3.03	3.15	3.06	3.08	1.98	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				104		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	56-2	1339.15	1334.95	1358.89	1344.33	0.95	ppb
Iron	57-2	1510.61	1501.66	1496.79	1503.02	0.47	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.37	0.34	0.36	4.41	ppb
Lead	207-1	0.39	0.34	0.33	0.36	9.13	ppb
Lead	208-1	0.36	0.35	0.33	0.35	4.87	ppb
Lithium	6-1				98		%
Magnesium	24-2	21583.26	21729.48	21872.41	21728.38	0.67	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-04	Instrumnet Name :	P7
Client Sample ID :	S32-0672	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:12:38	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1550.23	1550.85	1563.48	1554.85	0.48	ppb
Molybdenum	94-1	2.93	2.85	2.99	2.92	2.49	ppb
Molybdenum	95-1	3.79	3.82	3.66	3.76	2.36	ppb
Molybdenum	96-1	3.71	3.73	3.72	3.72	0.19	ppb
Molybdenum	97-1	3.91	3.61	3.88	3.80	4.37	ppb
Molybdenum	98-1	4.02	3.82	3.91	3.92	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.49	0.53	0.51	4.04	ppb
Phosphorus	31-2	140.44	71.26	377.69	196.46	81.80	ppb
Potassium	39-2	5702.07	5713.49	5730.07	5715.21	0.25	ppb
Rhodium	103-1				97		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	0.00	1.88	3.74	1.87	99.93	ppb
Selenium	78-2	0.21	-0.74	0.81	0.09	841.98	ppb
Selenium	82-1	0.17	1.56	-0.78	0.32	370.72	ppb
Silicon	28-1	4002.54	4007.53	3963.67	3991.24	0.60	ppb
Silver	109-1	0.10	0.09	0.12	0.10	12.29	ppb
Silver	107-1	0.09	0.07	0.14	0.10	36.25	ppb
Sodium	23-2	53146.84	53080.23	53741.99	53323.02	0.68	ppb
Strontium	86-1	366.30	366.68	362.36	365.11	0.66	ppb
Strontium	88-1	354.30	351.62	352.19	352.71	0.40	ppb
Sulfur	34-1	-34570.73	-41236.73	-41303.62	-39037.03		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	0.19	0.21	0.22	0.20	6.68	ppb
Thallium	205-1	0.24	0.18	0.16	0.20	21.17	ppb
Thorium	232-1	9.66	8.57	6.26	8.16	21.24	ppb
Tin	118-1	2.23	2.25	2.20	2.22	1.29	ppb
Titanium	47-1	5.53	5.51	5.07	5.37	4.88	ppb
Uranium	238-1	0.35	0.31	0.30	0.32	8.49	ppb
Vanadium	51-2	0.52	0.57	0.57	0.55	5.01	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-04	Instrumnet Name :	P7
Client Sample ID :	S32-0672	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:12:38	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.55	12.06	12.91	12.17	5.61	ppb
Zirconium	90-1	0.20	0.23	0.23	0.22	8.80	ppb
Zirconium	91-1	0.24	0.20	0.29	0.24	18.16	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5508-04DLX10	Instrumnet Name :	P7
Client Sample ID :	S32-0668DL	Dilution Factor :	10
Date & Time Acquired ::	2019-11-07 18:16:12	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.00	1.45	1.87	1.78	16.10	ppb
Antimony	121-1	0.24	0.20	0.21	0.22	9.69	ppb
Arsenic	75-2	1.12	1.02	1.30	1.14	12.17	ppb
Barium	135-1	3.79	3.90	4.14	3.94	4.46	ppb
Barium	137-1	3.99	3.63	4.02	3.88	5.59	ppb
Beryllium	9-1	0.02	0.01	0.04	0.02	75.25	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	17.02	17.80	17.19	17.34	2.36	ppb
Boron	11-1	17.31	17.56	16.27	17.05	4.01	ppb
Cadmium	111-1	0.09	0.03	-0.01	0.04	151.28	ppb
Cadmium	106-1	0.55	0.09	-0.69	-0.02		ppb
Cadmium	108-1	0.01	0.14	0.10	0.08	77.44	ppb
Calcium	43-1	6803.50	6815.12	6905.64	6841.42	0.82	ppb
Calcium	44-1	6781.53	6687.00	6884.75	6784.43	1.46	ppb
Chromium	52-2	-0.06	-0.04	-0.02	-0.04		ppb
Cobalt	59-2	0.51	0.52	0.51	0.51	0.46	ppb
Copper	63-2	0.67	0.71	0.66	0.68	4.13	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				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	1001.02	1017.51	1020.79	1013.11	1.05	ppb
Iron	57-2	1055.79	1051.57	1063.38	1056.91	0.57	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.11	0.12	0.12	10.39	ppb
Lead	207-1	0.14	0.12	0.10	0.12	13.97	ppb
Lead	208-1	0.13	0.12	0.11	0.12	7.45	ppb
Lithium	6-1				92		%
Magnesium	24-2	987.34	984.09	994.27	988.56	0.53	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5508-04DLX10	Instrumnet Name :	P7
Client Sample ID :	S32-0668DL	Dilution Factor :	10
Date & Time Acquired ::	2019-11-07 18:16:12	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	931.43	933.75	942.00	935.72	0.59	ppb
Molybdenum	94-1	0.17	0.20	0.23	0.20	16.90	ppb
Molybdenum	95-1	0.26	0.30	0.23	0.26	12.47	ppb
Molybdenum	96-1	0.23	0.26	0.24	0.24	6.40	ppb
Molybdenum	97-1	0.23	0.23	0.26	0.24	7.16	ppb
Molybdenum	98-1	0.27	0.23	0.25	0.25	8.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.34	0.34	0.33	7.37	ppb
Phosphorus	31-2	-304.28	-267.54	-300.62	-290.81		ppb
Potassium	39-2	610.23	613.73	624.90	616.29	1.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.06	1.85	0.82	0.91	98.76	ppb
Selenium	82-1	1.37	0.19	0.01	0.52	141.21	ppb
Silicon	28-1	423.02	418.85	423.00	421.62	0.57	ppb
Silver	109-1	0.06	0.03	0.05	0.04	33.85	ppb
Silver	107-1	0.06	0.03	0.04	0.04	35.82	ppb
Sodium	23-2	2558.75	2608.14	2615.09	2593.99	1.18	ppb
Strontium	86-1	37.32	38.18	36.58	37.36	2.15	ppb
Strontium	88-1	36.83	37.27	37.01	37.04	0.59	ppb
Sulfur	34-1	17649.90	21238.05	26076.03	21654.66	19.53	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.04	0.04	0.03	59.77	ppb
Thallium	205-1	0.04	0.07	0.04	0.05	31.73	ppb
Thorium	232-1	-1.38	-0.85	1.86	-0.13		ppb
Tin	118-1	0.14	0.15	0.12	0.13	12.73	ppb
Titanium	47-1	0.28	0.27	0.12	0.22	40.46	ppb
Uranium	238-1	0.05	0.05	0.04	0.04	14.69	ppb
Vanadium	51-2	0.10	0.07	0.10	0.09	18.07	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5508-04DLX10	Instrumnet Name :	P7
Client Sample ID :	S32-0668DL	Dilution Factor :	10
Date & Time Acquired ::	2019-11-07 18:16:12	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.42	6.31	6.68	6.47	2.99	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	39.46	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	33.18	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-01	Instrumnet Name :	P7
Client Sample ID :	FA19-MATTAWAMKEG-E	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:19:46	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.46	0.58	1.23	1.09	41.62	ppb
Antimony	121-1	0.78	0.95	1.05	0.93	14.65	ppb
Arsenic	75-2	0.22	0.22	0.19	0.21	8.39	ppb
Barium	135-1	0.39	0.38	0.40	0.39	2.78	ppb
Barium	137-1	0.32	0.33	0.41	0.35	14.13	ppb
Beryllium	9-1	0.01	0.02	0.01	0.02	36.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	11.98	11.66	11.27	11.63	3.04	ppb
Boron	11-1	12.28	10.66	11.12	11.35	7.38	ppb
Cadmium	111-1	0.07	0.09	-0.01	0.05	112.30	ppb
Cadmium	106-1	0.09	0.27	-0.80	-0.15		ppb
Cadmium	108-1	0.15	0.14	0.01	0.10	74.22	ppb
Calcium	43-1	10.75	12.56	8.72	10.68	18.02	ppb
Calcium	44-1	9.98	11.54	12.38	11.30	10.80	ppb
Chromium	52-2	1.01	0.95	0.96	0.97	3.60	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	60.36	ppb
Copper	63-2	2.54	2.27	2.18	2.33	8.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				88		%
Iron	56-2	3.40	3.19	3.67	3.42	7.10	ppb
Iron	57-2	4.45	4.99	4.61	4.68	5.96	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.27	0.21	0.25	15.98	ppb
Lead	207-1	0.27	0.21	0.19	0.22	19.62	ppb
Lead	208-1	0.25	0.23	0.20	0.23	11.38	ppb
Lithium	6-1				92		%
Magnesium	24-2	1.48	0.97	0.44	0.96	54.31	ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : K5588-01 Instrumnet Name : P7
 Client Sample ID : FA19-MATTAWAMKEG-E Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 18:19:46 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.68	0.67	0.83	0.73	11.98	ppb
Molybdenum	94-1	0.11	0.09	0.07	0.09	23.64	ppb
Molybdenum	95-1	0.10	0.10	0.09	0.10	3.98	ppb
Molybdenum	96-1	0.10	0.08	0.12	0.10	15.57	ppb
Molybdenum	97-1	0.07	0.10	0.12	0.10	27.82	ppb
Molybdenum	98-1	0.10	0.11	0.14	0.11	16.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.05	0.04	0.05	27.26	ppb
Phosphorus	31-2	-168.72	-289.69	-248.83	-235.74		ppb
Potassium	39-2	31.54	41.70	35.34	36.20	14.18	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				86		%
Scandium	45-2				82		%
Selenium	77-2	2.93	0.98	0.00	1.31	114.41	ppb
Selenium	78-2	-0.19	0.15	1.13	0.37	187.83	ppb
Selenium	82-1	0.37	-0.58	0.79	0.19	364.92	ppb
Silicon	28-1	10.02	9.97	9.20	9.73	4.73	ppb
Silver	109-1	0.06	0.09	0.08	0.08	17.91	ppb
Silver	107-1	0.07	0.07	0.09	0.07	18.14	ppb
Sodium	23-2	135.91	132.35	129.56	132.61	2.40	ppb
Strontium	86-1	0.07	0.14	0.19	0.13	43.93	ppb
Strontium	88-1	0.05	0.04	0.05	0.05	12.01	ppb
Sulfur	34-1	-33851.91	-30386.79	-43327.90	-35855.53		ppb
Terbium	159-1				100		%
Terbium	159-2				91		%
Thallium	203-1	0.06	0.05	0.05	0.05	10.08	ppb
Thallium	205-1	0.05	0.07	0.05	0.05	19.03	ppb
Thorium	232-1	-1.16	-1.91	-2.14	-1.74		ppb
Tin	118-1	1.39	1.41	1.49	1.43	3.73	ppb
Titanium	47-1	0.21	0.37	0.10	0.23	58.62	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	23.03	ppb
Vanadium	51-2	0.20	0.23	0.16	0.20	16.28	ppb
Yttrium	89-1				95		%
Yttrium	89-2				86		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-01	Instrumnet Name :	P7
Client Sample ID :	FA19-MATTAWAMKEG-E	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:19:46	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.61	10.06	10.02	10.23	3.21	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	24.19	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	21.73	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:29:42	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.81	60.20	60.94	59.65	2.75	ppb
Antimony	121-1	0.23	0.17	0.21	0.20	16.07	ppb
Arsenic	75-2	489.43	478.25	490.18	485.95	1.37	ppb
Barium	135-1	0.15	0.17	0.18	0.17	8.43	ppb
Barium	137-1	0.13	0.13	0.23	0.16	36.56	ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	88.71	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Boron	10-1	4.13	4.61	4.00	4.25	7.50	ppb
Boron	11-1	4.72	4.08	4.00	4.27	9.27	ppb
Cadmium	111-1	0.09	0.02	0.06	0.06	55.56	ppb
Cadmium	106-1	0.76	-0.19	0.38	0.31	152.80	ppb
Cadmium	108-1	0.06	0.01	0.02	0.03	86.19	ppb
Calcium	43-1	88.99	100.58	89.53	93.03	7.03	ppb
Calcium	44-1	81.32	76.63	79.40	79.12	2.98	ppb
Chromium	52-2	521.96	518.11	534.95	525.01	1.68	ppb
Cobalt	59-2	0.88	0.86	0.95	0.90	5.64	ppb
Copper	63-2	2.38	2.48	2.50	2.45	2.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	128828.52	129217.73	131888.53	129978.26	1.28	ppb
Iron	57-2	124628.64	125106.10	129372.15	126368.97	2.07	ppb
Krypton	83-1						cps
Lead	206-1	505.56	478.93	502.35	495.61	2.93	ppb
Lead	207-1	515.54	486.04	513.30	504.96	3.25	ppb
Lead	208-1	500.78	473.60	495.33	489.90	2.94	ppb
Lithium	6-1				91		%
Magnesium	24-2	250487.49	249462.61	255198.79	251716.29	1.22	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:29:42	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1038.88	1057.49	1076.69	1057.69	1.79	ppb
Molybdenum	94-1	0.89	0.87	0.99	0.92	6.86	ppb
Molybdenum	95-1	1.29	1.24	1.16	1.23	5.09	ppb
Molybdenum	96-1	2.46	2.22	2.27	2.32	5.37	ppb
Molybdenum	97-1	1.18	1.17	1.25	1.20	3.91	ppb
Molybdenum	98-1	1.26	1.22	1.13	1.20	5.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.37	9.00	8.70	8.69	3.61	ppb
Phosphorus	31-2	-371.08	-187.92	-218.82	-259.27		ppb
Potassium	39-2	17.34	14.55	17.22	16.37	9.62	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.93	0.00	0.31	173.21	ppb
Selenium	78-2	1.17	0.49	0.07	0.58	95.51	ppb
Selenium	82-1	-1.30	0.52	0.01	-0.26		ppb
Silicon	28-1	4.40	3.35	4.77	4.17	17.69	ppb
Silver	109-1	0.03	0.03	0.04	0.03	13.73	ppb
Silver	107-1	0.03	0.03	0.04	0.03	21.94	ppb
Sodium	23-2	49.24	52.14	50.90	50.76	2.86	ppb
Strontium	86-1	-0.04	-0.07	0.02	-0.03		ppb
Strontium	88-1	0.04	0.03	0.02	0.03	23.43	ppb
Sulfur	34-1	-14859.59	-37230.96	-25911.33	-26000.63		ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.03	0.05	0.04	19.09	ppb
Thallium	205-1	0.04	0.06	0.04	0.04	30.45	ppb
Thorium	232-1	6.18	6.27	8.51	6.99	18.86	ppb
Tin	118-1	0.04	0.04	0.06	0.04	24.38	ppb
Titanium	47-1	0.10	0.13	0.24	0.16	47.66	ppb
Uranium	238-1	0.04	0.05	0.04	0.04	10.37	ppb
Vanadium	51-2	0.09	0.09	0.07	0.08	18.30	ppb
Yttrium	89-1				95		%
Yttrium	89-2				90		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:29:42	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.71	6.77	7.04	6.84	2.55	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	311.20	ppb
Zirconium	91-1	0.13	0.20	0.17	0.17	21.17	ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P7
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 18:33:57 DataFile Name : 053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	-0.26	0.17	-0.18		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	0.05	0.03	0.08	0.05	47.68	ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	118.33	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	3.17	3.16	3.70	3.35	9.20	ppb
Boron	11-1	3.37	2.82	3.23	3.14	9.11	ppb
Cadmium	111-1	-0.02	0.04	0.00	0.01	346.59	ppb
Cadmium	106-1	-0.36	0.12	-0.37	-0.20		ppb
Cadmium	108-1	-0.03	-0.03	0.02	-0.01		ppb
Calcium	43-1	2.32	5.00	-2.26	1.69	217.99	ppb
Calcium	44-1	-0.99	-1.43	-2.07	-1.50		ppb
Chromium	52-2	-0.09	-0.08	-0.11	-0.09		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.13	0.17	0.11	0.14	22.96	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				96		%
Holmium	165-2				91		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	6.21	5.87	5.85	5.98	3.33	ppb
Iron	57-2	8.08	4.47	3.43	5.33	45.76	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.12	0.15	17.21	ppb
Lead	207-1	0.13	0.12	0.12	0.12	1.92	ppb
Lead	208-1	0.15	0.13	0.13	0.14	9.78	ppb
Lithium	6-1				89		%
Magnesium	24-2	10.86	10.44	10.99	10.77	2.67	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:33:57	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.03	0.02	46.50	ppb
Molybdenum	94-1	0.00	0.00	-0.03	-0.01		ppb
Molybdenum	95-1	0.00	0.02	0.01	0.01	62.23	ppb
Molybdenum	96-1	-0.01	0.01	0.02	0.01	157.00	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	25.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.05	-0.02	-0.04		ppb
Phosphorus	31-2	-332.42	-217.70	-173.89	-241.34		ppb
Potassium	39-2	8.54	5.20	11.50	8.41	37.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.37	0.94	-0.28	0.34	177.34	ppb
Selenium	82-1	0.27	0.32	-0.19	0.13	210.84	ppb
Silicon	28-1	-0.28	-0.64	-1.34	-0.75		ppb
Silver	109-1	0.03	0.02	0.02	0.02	25.20	ppb
Silver	107-1	0.01	0.02	0.02	0.02	24.17	ppb
Sodium	23-2	23.29	23.57	24.49	23.78	2.65	ppb
Strontium	86-1	0.00	0.02	-0.08	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-20280.06	-28963.25	-38618.18	-29287.16		ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	-0.01	-0.02	0.02	0.00		ppb
Thallium	205-1	0.01	0.01	0.00	0.01	103.35	ppb
Thorium	232-1	4.36	2.12	4.74	3.74	37.91	ppb
Tin	118-1	0.03	0.02	-0.02	0.01	225.67	ppb
Titanium	47-1	0.05	0.11	-0.03	0.04	177.93	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	22.99	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				93		%
Yttrium	89-2				87		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:33:57	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.12	0.13	0.27	0.17	48.09	ppb
Zirconium	90-1	-0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.02	-0.02	0.00	-0.01		ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-02	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW09SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:37:32	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.20	19.17	15.90	18.76	14.25	ppb
Antimony	121-1	0.50	0.54	0.60	0.55	9.17	ppb
Arsenic	75-2	2.44	2.20	2.55	2.40	7.60	ppb
Barium	135-1	72.82	71.86	72.45	72.38	0.67	ppb
Barium	137-1	72.14	72.97	72.87	72.66	0.62	ppb
Beryllium	9-1	0.04	0.01	0.01	0.02	83.72	ppb
Bismuth	209-1				93		%
Bismuth	209-2				87		%
Boron	10-1	8.78	7.64	8.45	8.29	7.08	ppb
Boron	11-1	8.84	8.37	8.85	8.69	3.19	ppb
Cadmium	111-1	0.01	0.06	0.05	0.04	57.19	ppb
Cadmium	106-1	-0.82	-0.63	-0.39	-0.61		ppb
Cadmium	108-1	0.24	0.19	0.15	0.19	24.06	ppb
Calcium	43-1	27725.36	27611.20	28385.88	27907.48	1.50	ppb
Calcium	44-1	28054.73	28532.60	28502.35	28363.23	0.94	ppb
Chromium	52-2	1.55	1.44	1.42	1.47	4.73	ppb
Cobalt	59-2	3.32	3.15	3.19	3.22	2.78	ppb
Copper	63-2	8.87	8.87	8.71	8.82	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				86		%
Iron	56-2	13615.79	13336.36	13617.71	13523.29	1.20	ppb
Iron	57-2	13516.13	13262.59	13376.79	13385.17	0.95	ppb
Krypton	83-1						cps
Lead	206-1	2.40	2.47	2.39	2.42	1.85	ppb
Lead	207-1	2.24	2.26	2.25	2.25	0.26	ppb
Lead	208-1	2.28	2.32	2.29	2.30	0.80	ppb
Lithium	6-1				96		%
Magnesium	24-2	5197.74	5071.12	5141.41	5136.76	1.23	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-02	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW09SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:37:32	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4164.69	4011.83	4114.96	4097.16	1.90	ppb
Molybdenum	94-1	1.08	0.88	0.84	0.94	13.58	ppb
Molybdenum	95-1	0.29	0.33	0.28	0.30	9.38	ppb
Molybdenum	96-1	0.37	0.36	0.37	0.37	2.67	ppb
Molybdenum	97-1	0.27	0.17	0.21	0.22	22.33	ppb
Molybdenum	98-1	0.20	0.20	0.17	0.19	9.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.56	4.39	4.49	4.48	1.92	ppb
Phosphorus	31-2	-143.47	-75.82	38.43	-60.29		ppb
Potassium	39-2	1196.64	1154.14	1165.34	1172.04	1.88	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.97	0.97	0.65	86.60	ppb
Selenium	78-2	-0.08	2.04	0.29	0.75	151.68	ppb
Selenium	82-1	0.02	1.93	0.89	0.94	101.57	ppb
Silicon	28-1	3118.94	3121.95	3174.47	3138.45	0.99	ppb
Silver	109-1	0.20	0.15	0.15	0.17	14.89	ppb
Silver	107-1	0.14	0.18	0.15	0.15	12.28	ppb
Sodium	23-2	298772.74	293147.95	299834.32	297251.67	1.21	ppb
Strontium	86-1	173.25	173.75	177.06	174.69	1.19	ppb
Strontium	88-1	169.57	169.72	171.27	170.19	0.55	ppb
Sulfur	34-1	-6252.49	-4720.65	-7987.71	-6320.28		ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	0.04	0.02	0.05	0.04	30.87	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	14.36	ppb
Thorium	232-1	13.45	18.59	14.09	15.38	18.23	ppb
Tin	118-1	1.41	1.51	1.41	1.44	3.91	ppb
Titanium	47-1	0.62	0.73	0.81	0.72	13.13	ppb
Uranium	238-1	0.11	0.10	0.10	0.10	3.22	ppb
Vanadium	51-2	0.39	0.35	0.34	0.36	6.42	ppb
Yttrium	89-1				96		%
Yttrium	89-2				88		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-02	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW09SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:37:32	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.37	13.07	12.94	13.13	1.67	ppb
Zirconium	90-1	0.55	0.54	0.55	0.55	1.07	ppb
Zirconium	91-1	0.49	0.61	0.56	0.55	10.72	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-03	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW11SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:41:07	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.79	19.62	18.71	19.37	2.99	ppb
Antimony	121-1	0.83	0.85	0.93	0.87	6.21	ppb
Arsenic	75-2	1.94	2.29	2.19	2.14	8.30	ppb
Barium	135-1	50.33	49.25	49.79	49.79	1.08	ppb
Barium	137-1	50.03	48.34	49.26	49.21	1.72	ppb
Beryllium	9-1	0.08	0.04	0.08	0.07	33.57	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	7.72	8.11	6.96	7.60	7.69	ppb
Boron	11-1	7.86	8.32	7.86	8.02	3.32	ppb
Cadmium	111-1	0.26	0.20	0.19	0.22	17.08	ppb
Cadmium	106-1	0.89	-0.28	0.15	0.25	233.71	ppb
Cadmium	108-1	0.23	0.10	0.36	0.23	56.39	ppb
Calcium	43-1	15648.27	15489.22	15670.90	15602.80	0.63	ppb
Calcium	44-1	15539.64	15661.69	15476.56	15559.30	0.60	ppb
Chromium	52-2	1.45	1.40	1.56	1.47	5.50	ppb
Cobalt	59-2	15.61	15.32	15.61	15.51	1.07	ppb
Copper	63-2	5.21	5.29	5.20	5.23	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				89		%
Iron	56-2	3879.11	3906.09	4008.95	3931.38	1.74	ppb
Iron	57-2	4005.11	4039.35	4116.88	4053.78	1.41	ppb
Krypton	83-1						cps
Lead	206-1	1.34	1.31	1.32	1.32	1.22	ppb
Lead	207-1	1.26	1.29	1.10	1.22	8.60	ppb
Lead	208-1	1.28	1.28	1.27	1.28	0.14	ppb
Lithium	6-1				97		%
Magnesium	24-2	6070.91	6029.91	6174.10	6091.64	1.22	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-03	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW11SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:41:07	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2041.17	2066.33	2092.63	2066.71	1.24	ppb
Molybdenum	94-1	0.21	0.25	0.29	0.25	15.40	ppb
Molybdenum	95-1	0.20	0.22	0.13	0.19	25.48	ppb
Molybdenum	96-1	0.16	0.18	0.21	0.18	14.57	ppb
Molybdenum	97-1	0.18	0.18	0.10	0.15	30.10	ppb
Molybdenum	98-1	0.17	0.19	0.17	0.17	5.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.07	16.53	16.28	16.29	1.40	ppb
Phosphorus	31-2	-108.96	3.09	-99.27	-68.38		ppb
Potassium	39-2	521.48	505.93	523.59	517.00	1.87	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				85		%
Selenium	77-2	0.95	1.88	0.00	0.94	99.74	ppb
Selenium	78-2	0.07	0.52	0.39	0.32	71.05	ppb
Selenium	82-1	0.37	1.48	-0.14	0.57	144.39	ppb
Silicon	28-1	3008.03	3013.81	3020.01	3013.95	0.20	ppb
Silver	109-1	0.10	0.07	0.11	0.09	24.64	ppb
Silver	107-1	0.08	0.09	0.13	0.10	27.43	ppb
Sodium	23-2	1854.58	1837.14	1883.83	1858.52	1.27	ppb
Strontium	86-1	115.31	113.09	113.60	114.00	1.02	ppb
Strontium	88-1	112.15	112.44	110.33	111.64	1.02	ppb
Sulfur	34-1	14959.76	17638.94	14731.23	15776.64	10.25	ppb
Terbium	159-1				101		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.07	0.07	0.06	35.00	ppb
Thallium	205-1	0.05	0.04	0.06	0.05	19.18	ppb
Thorium	232-1	14.02	14.77	15.46	14.75	4.88	ppb
Tin	118-1	1.24	1.24	1.25	1.25	0.63	ppb
Titanium	47-1	0.75	0.82	0.82	0.80	5.52	ppb
Uranium	238-1	0.11	0.11	0.12	0.11	4.67	ppb
Vanadium	51-2	0.32	0.25	0.32	0.30	12.90	ppb
Yttrium	89-1				98		%
Yttrium	89-2				89		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-03	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW11SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:41:07	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.87	14.36	14.73	14.66	1.79	ppb
Zirconium	90-1	0.07	0.06	0.11	0.08	32.71	ppb
Zirconium	91-1	0.15	0.09	0.11	0.11	26.44	ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : K5588-04 Instrumnet Name : P7
 Client Sample ID : FA19-MAMW11SR-9001 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 18:44:42 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.12	20.11	20.65	18.96	13.05	ppb
Antimony	121-1	0.89	0.85	0.85	0.86	2.58	ppb
Arsenic	75-2	1.80	1.86	2.06	1.91	7.06	ppb
Barium	135-1	48.90	46.28	49.09	48.09	3.26	ppb
Barium	137-1	48.16	47.24	46.85	47.42	1.42	ppb
Beryllium	9-1	0.05	0.07	0.04	0.05	33.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	7.18	7.34	7.73	7.42	3.81	ppb
Boron	11-1	7.04	7.91	8.14	7.70	7.56	ppb
Cadmium	111-1	0.07	0.14	0.13	0.11	34.71	ppb
Cadmium	106-1	-0.33	-0.36	-0.43	-0.37		ppb
Cadmium	108-1	0.24	0.18	0.10	0.17	38.13	ppb
Calcium	43-1	15390.77	14419.62	15481.18	15097.19	3.90	ppb
Calcium	44-1	15221.93	14574.48	15255.16	15017.19	2.56	ppb
Chromium	52-2	1.22	1.15	1.22	1.20	3.70	ppb
Cobalt	59-2	14.26	13.74	15.08	14.36	4.68	ppb
Copper	63-2	4.59	4.13	4.64	4.45	6.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				90		%
Iron	56-2	3433.44	3225.23	3568.60	3409.09	5.07	ppb
Iron	57-2	3517.27	3331.02	3699.80	3516.03	5.24	ppb
Krypton	83-1						cps
Lead	206-1	1.23	1.22	1.34	1.26	5.02	ppb
Lead	207-1	1.17	1.07	1.13	1.12	4.36	ppb
Lead	208-1	1.19	1.13	1.22	1.18	3.89	ppb
Lithium	6-1				95		%
Magnesium	24-2	5669.25	5451.85	5977.20	5699.43	4.63	ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : K5588-04 Instrumnet Name : P7
 Client Sample ID : FA19-MAMW11SR-9001 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 18:44:42 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1956.40	1858.72	2023.74	1946.28	4.26	ppb
Molybdenum	94-1	0.18	0.21	0.24	0.21	15.26	ppb
Molybdenum	95-1	0.17	0.17	0.14	0.16	10.46	ppb
Molybdenum	96-1	0.16	0.16	0.15	0.15	4.68	ppb
Molybdenum	97-1	0.09	0.10	0.12	0.10	11.95	ppb
Molybdenum	98-1	0.16	0.13	0.14	0.14	10.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.20	14.67	15.51	15.13	2.81	ppb
Phosphorus	31-2	-35.24	-231.75	16.84	-83.38		ppb
Potassium	39-2	496.65	454.10	512.11	487.62	6.16	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.91	2.90	1.27	116.65	ppb
Selenium	78-2	1.51	0.13	0.59	0.75	94.09	ppb
Selenium	82-1	0.35	0.06	1.01	0.47	103.03	ppb
Silicon	28-1	2984.21	2837.62	3014.57	2945.47	3.21	ppb
Silver	109-1	0.07	0.06	0.09	0.07	20.54	ppb
Silver	107-1	0.06	0.07	0.08	0.07	11.53	ppb
Sodium	23-2	1762.69	1677.25	1849.66	1763.20	4.89	ppb
Strontium	86-1	108.69	105.30	109.89	107.96	2.21	ppb
Strontium	88-1	109.16	104.13	107.91	107.06	2.45	ppb
Sulfur	34-1	26390.17	5486.57	23611.00	18495.91	61.37	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.03	0.04	0.04	0.04	14.67	ppb
Thallium	205-1	0.05	0.03	0.05	0.04	22.08	ppb
Thorium	232-1	15.27	10.41	14.00	13.23	19.03	ppb
Tin	118-1	1.09	1.01	1.13	1.07	5.75	ppb
Titanium	47-1	0.76	0.91	0.75	0.81	10.91	ppb
Uranium	238-1	0.09	0.11	0.11	0.11	9.40	ppb
Vanadium	51-2	0.23	0.23	0.26	0.24	6.46	ppb
Yttrium	89-1				98		%
Yttrium	89-2				90		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-04	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW11SR-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:44:42	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.07	12.11	13.36	12.85	5.08	ppb
Zirconium	90-1	0.06	0.07	0.09	0.07	18.19	ppb
Zirconium	91-1	0.04	0.05	0.06	0.05	19.79	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-05	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW35SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:48:16	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.74	9.12	9.67	10.18	13.59	ppb
Antimony	121-1	0.78	0.73	0.91	0.81	11.67	ppb
Arsenic	75-2	0.40	0.25	0.32	0.32	23.82	ppb
Barium	135-1	13.64	13.13	13.84	13.54	2.71	ppb
Barium	137-1	13.54	13.74	13.29	13.53	1.65	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	36.12	ppb
Bismuth	209-1				99		%
Bismuth	209-2				91		%
Boron	10-1	7.91	7.48	7.33	7.58	3.99	ppb
Boron	11-1	7.96	7.61	8.09	7.89	3.11	ppb
Cadmium	111-1	0.04	0.04	0.00	0.03	74.14	ppb
Cadmium	106-1	-0.21	0.19	-0.26	-0.09		ppb
Cadmium	108-1	0.01	0.01	0.01	0.01	3.26	ppb
Calcium	43-1	15836.54	15751.29	15953.07	15846.97	0.64	ppb
Calcium	44-1	15629.03	15696.68	15739.95	15688.55	0.36	ppb
Chromium	52-2	1.53	1.57	1.58	1.56	1.54	ppb
Cobalt	59-2	0.03	0.02	0.04	0.03	33.10	ppb
Copper	63-2	2.47	2.43	2.34	2.41	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				89		%
Iron	56-2	9.80	9.95	9.49	9.75	2.41	ppb
Iron	57-2	55.09	60.10	57.92	57.71	4.36	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.24	0.18	0.21	16.45	ppb
Lead	207-1	0.23	0.25	0.21	0.23	8.85	ppb
Lead	208-1	0.21	0.24	0.19	0.21	11.57	ppb
Lithium	6-1				96		%
Magnesium	24-2	3472.27	3524.17	3436.60	3477.68	1.27	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-05	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW35SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:48:16	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.20	2.14	2.17	2.17	1.27	ppb
Molybdenum	94-1	0.25	0.20	0.12	0.19	34.33	ppb
Molybdenum	95-1	0.25	0.25	0.31	0.27	13.21	ppb
Molybdenum	96-1	0.25	0.25	0.22	0.24	7.26	ppb
Molybdenum	97-1	0.30	0.31	0.18	0.26	27.07	ppb
Molybdenum	98-1	0.28	0.30	0.27	0.28	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.04	1.03	1.03	0.64	ppb
Phosphorus	31-2	-223.12	-256.39	-370.38	-283.30		ppb
Potassium	39-2	763.06	754.17	726.34	747.86	2.56	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	2.86	0.95	0.94	1.59	69.87	ppb
Selenium	78-2	0.24	-0.87	2.07	0.48	309.99	ppb
Selenium	82-1	-0.40	1.80	0.34	0.58	191.99	ppb
Silicon	28-1	2188.93	2224.25	2200.91	2204.70	0.81	ppb
Silver	109-1	0.05	0.06	0.07	0.06	14.21	ppb
Silver	107-1	0.04	0.06	0.04	0.05	18.57	ppb
Sodium	23-2	65810.30	65714.58	64360.66	65295.18	1.24	ppb
Strontium	86-1	106.83	107.20	105.31	106.45	0.94	ppb
Strontium	88-1	105.38	104.93	104.84	105.05	0.27	ppb
Sulfur	34-1	37454.70	35646.74	30261.10	34454.18	10.86	ppb
Terbium	159-1				103		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.00	0.01	0.01	81.40	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	126.98	ppb
Thorium	232-1	1.15	3.05	3.21	2.47	46.38	ppb
Tin	118-1	0.74	0.92	0.84	0.83	10.32	ppb
Titanium	47-1	0.50	0.49	0.61	0.53	12.39	ppb
Uranium	238-1	0.05	0.06	0.05	0.06	8.00	ppb
Vanadium	51-2	0.19	0.26	0.18	0.21	21.66	ppb
Yttrium	89-1				97		%
Yttrium	89-2				89		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-05	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW35SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:48:16	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.49	10.50	10.52	10.51	0.17	ppb
Zirconium	90-1	0.03	0.05	0.04	0.04	28.52	ppb
Zirconium	91-1	0.01	0.03	0.04	0.03	49.12	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-06	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW12SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:51:50	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.92	46.63	49.87	50.80	9.28	ppb
Antimony	121-1	0.88	0.86	0.83	0.86	2.57	ppb
Arsenic	75-2	3.10	3.19	2.94	3.08	4.22	ppb
Barium	135-1	42.04	42.12	42.40	42.19	0.45	ppb
Barium	137-1	41.92	42.47	41.48	41.96	1.19	ppb
Beryllium	9-1	0.02	0.00	0.03	0.02	99.30	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	15.21	16.55	16.10	15.95	4.27	ppb
Boron	11-1	16.47	16.40	15.98	16.28	1.62	ppb
Cadmium	111-1	0.45	0.47	0.50	0.48	5.03	ppb
Cadmium	106-1	0.48	0.85	-0.04	0.43	103.94	ppb
Cadmium	108-1	0.67	0.53	0.35	0.52	30.72	ppb
Calcium	43-1	33165.92	32333.70	32808.70	32769.44	1.27	ppb
Calcium	44-1	33492.03	33338.34	33326.88	33385.75	0.28	ppb
Chromium	52-2	1.63	1.58	1.45	1.55	6.09	ppb
Cobalt	59-2	3.41	3.48	3.33	3.41	2.30	ppb
Copper	63-2	33.34	33.14	32.58	33.02	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	13001.54	12834.27	12425.27	12753.70	2.32	ppb
Iron	57-2	12818.65	12778.60	12435.14	12677.47	1.66	ppb
Krypton	83-1						cps
Lead	206-1	3.88	3.79	3.83	3.83	1.10	ppb
Lead	207-1	3.64	3.57	3.50	3.57	2.03	ppb
Lead	208-1	3.73	3.64	3.64	3.67	1.42	ppb
Lithium	6-1				96		%
Magnesium	24-2	6613.57	6516.42	6299.41	6476.47	2.48	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-06	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW12SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:51:50	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4167.19	4168.38	4012.48	4116.02	2.18	ppb
Molybdenum	94-1	0.88	0.90	0.72	0.83	11.52	ppb
Molybdenum	95-1	0.38	0.37	0.45	0.40	10.37	ppb
Molybdenum	96-1	0.45	0.49	0.41	0.45	8.51	ppb
Molybdenum	97-1	0.23	0.36	0.28	0.29	22.84	ppb
Molybdenum	98-1	0.26	0.27	0.28	0.27	3.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.99	5.75	5.50	5.75	4.30	ppb
Phosphorus	31-2	147.53	-187.11	-86.89	-42.16		ppb
Potassium	39-2	588.26	576.20	566.66	577.04	1.88	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	77-2	0.93	2.75	0.91	1.53	69.30	ppb
Selenium	78-2	0.33	0.14	-0.04	0.14	128.54	ppb
Selenium	82-1	0.40	-1.18	0.45	-0.11		ppb
Silicon	28-1	2953.91	2932.02	2950.13	2945.35	0.40	ppb
Silver	109-1	0.04	0.08	0.07	0.07	27.95	ppb
Silver	107-1	0.05	0.05	0.04	0.05	12.75	ppb
Sodium	23-2	1750.46	1735.62	1671.50	1719.20	2.44	ppb
Strontium	86-1	218.87	222.46	212.49	217.94	2.32	ppb
Strontium	88-1	213.02	214.57	215.33	214.31	0.55	ppb
Sulfur	34-1	-42997.31	-46006.88	-56047.01	-48350.40		ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	-0.03	0.00	-0.02	-0.02		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	546.37	ppb
Thorium	232-1	28.96	27.77	25.52	27.42	6.37	ppb
Tin	118-1	1.14	1.01	1.10	1.08	6.40	ppb
Titanium	47-1	1.03	0.98	1.01	1.01	2.43	ppb
Uranium	238-1	0.27	0.28	0.29	0.28	3.28	ppb
Vanadium	51-2	0.60	0.60	0.59	0.60	1.23	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-06	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW12SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:51:50	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	87.49	87.02	83.77	86.09	2.35	ppb
Zirconium	90-1	0.42	0.44	0.42	0.43	2.41	ppb
Zirconium	91-1	0.39	0.40	0.43	0.40	4.96	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-07	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW19SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:55:24	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.83	12.62	10.10	10.52	18.34	ppb
Antimony	121-1	0.78	0.82	0.81	0.80	3.04	ppb
Arsenic	75-2	2.26	2.24	2.13	2.21	3.04	ppb
Barium	135-1	40.93	39.38	38.91	39.74	2.66	ppb
Barium	137-1	41.14	40.17	38.80	40.04	2.94	ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	244.35	ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	8.82	10.12	10.46	9.80	8.81	ppb
Boron	11-1	9.79	10.54	10.10	10.14	3.74	ppb
Cadmium	111-1	0.07	0.03	0.06	0.05	37.04	ppb
Cadmium	106-1	0.13	-0.24	0.16	0.02	1406.93	ppb
Cadmium	108-1	0.10	0.06	0.26	0.14	76.41	ppb
Calcium	43-1	34083.02	34203.73	32173.28	33486.68	3.40	ppb
Calcium	44-1	34761.43	34658.32	33307.59	34242.45	2.37	ppb
Chromium	52-2	1.20	1.22	1.17	1.20	2.00	ppb
Cobalt	59-2	0.61	0.63	0.61	0.62	2.46	ppb
Copper	63-2	2.88	2.81	2.99	2.89	3.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	28562.22	28096.78	28908.55	28522.52	1.43	ppb
Iron	57-2	28322.76	28125.65	28259.29	28235.90	0.36	ppb
Krypton	83-1						cps
Lead	206-1	0.59	0.56	0.57	0.57	2.63	ppb
Lead	207-1	0.55	0.49	0.54	0.53	6.04	ppb
Lead	208-1	0.55	0.52	0.55	0.54	3.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	11707.67	11699.77	11626.97	11678.14	0.38	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-07	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW19SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:55:24	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6280.92	6188.04	6263.80	6244.25	0.79	ppb
Molybdenum	94-1	0.60	0.63	0.45	0.56	17.07	ppb
Molybdenum	95-1	0.37	0.35	0.33	0.35	6.58	ppb
Molybdenum	96-1	0.60	0.52	0.55	0.56	6.76	ppb
Molybdenum	97-1	0.25	0.28	0.24	0.26	8.14	ppb
Molybdenum	98-1	0.26	0.28	0.25	0.26	4.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.34	1.57	1.48	1.46	7.68	ppb
Phosphorus	31-2	1.49	-184.82	-108.05	-97.13		ppb
Potassium	39-2	683.20	694.92	688.42	688.85	0.85	ppb
Rhodium	103-1				98		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	2.80	2.82	1.85	2.49	22.18	ppb
Selenium	78-2	0.49	-0.12	-0.15	0.08	466.22	ppb
Selenium	82-1	0.86	0.00	0.54	0.47	93.50	ppb
Silicon	28-1	4031.62	3982.35	3820.74	3944.90	2.80	ppb
Silver	109-1	0.05	0.07	0.04	0.05	25.06	ppb
Silver	107-1	0.03	0.04	0.04	0.04	11.99	ppb
Sodium	23-2	2254.06	2250.30	2257.50	2253.95	0.16	ppb
Strontium	86-1	224.67	226.25	218.87	223.26	1.74	ppb
Strontium	88-1	220.52	222.61	210.22	217.78	3.05	ppb
Sulfur	34-1	21676.22	21462.09	-5228.06	12636.75	122.43	ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	0.01	-0.01	0.00	0.00	429.55	ppb
Thallium	205-1	-0.01	-0.01	0.00	0.00		ppb
Thorium	232-1	9.00	12.19	12.38	11.19	17.00	ppb
Tin	118-1	0.83	0.90	0.95	0.90	7.08	ppb
Titanium	47-1	0.63	0.85	0.85	0.77	16.50	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	18.02	ppb
Vanadium	51-2	0.45	0.42	0.54	0.47	13.37	ppb
Yttrium	89-1				101		%
Yttrium	89-2				91		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-07	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW19SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:55:24	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	48.81	48.25	50.18	49.08	2.02	ppb
Zirconium	90-1	0.28	0.26	0.26	0.27	4.74	ppb
Zirconium	91-1	0.23	0.23	0.31	0.26	18.49	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-08	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW33SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:58:58	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.92	14.71	13.18	14.60	9.41	ppb
Antimony	121-1	0.84	0.84	0.86	0.85	1.73	ppb
Arsenic	75-2	15.87	15.54	16.21	15.87	2.11	ppb
Barium	135-1	33.08	31.74	34.43	33.09	4.07	ppb
Barium	137-1	34.01	32.76	33.33	33.37	1.88	ppb
Beryllium	9-1	-0.01	0.01	-0.01	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	4.08	5.23	5.28	4.86	13.94	ppb
Boron	11-1	5.65	5.16	5.45	5.42	4.56	ppb
Cadmium	111-1	0.10	0.14	0.03	0.09	64.48	ppb
Cadmium	106-1	0.03	0.46	-0.72	-0.07		ppb
Cadmium	108-1	0.06	0.14	0.01	0.07	92.27	ppb
Calcium	43-1	6934.22	6844.16	6914.37	6897.58	0.69	ppb
Calcium	44-1	6960.67	6860.43	6799.21	6873.44	1.19	ppb
Chromium	52-2	1.13	1.06	1.15	1.11	4.06	ppb
Cobalt	59-2	0.73	0.67	0.64	0.68	6.60	ppb
Copper	63-2	2.60	2.28	2.66	2.51	8.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				94		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	56-2	48925.67	48529.51	49443.99	48966.39	0.94	ppb
Iron	57-2	47794.72	47594.03	48248.91	47879.22	0.70	ppb
Krypton	83-1						cps
Lead	206-1	0.49	0.45	0.47	0.47	3.99	ppb
Lead	207-1	0.47	0.45	0.49	0.47	4.13	ppb
Lead	208-1	0.47	0.44	0.44	0.45	3.62	ppb
Lithium	6-1				95		%
Magnesium	24-2	2509.99	2468.88	2520.98	2499.95	1.10	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-08	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW33SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:58:58	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2701.50	2671.57	2718.59	2697.22	0.88	ppb
Molybdenum	94-1	0.61	0.54	0.57	0.58	6.19	ppb
Molybdenum	95-1	0.80	0.79	0.74	0.78	3.73	ppb
Molybdenum	96-1	1.06	1.00	1.15	1.07	6.68	ppb
Molybdenum	97-1	0.75	0.69	0.74	0.73	4.10	ppb
Molybdenum	98-1	0.63	0.69	0.65	0.66	4.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.89	2.13	2.32	2.12	10.18	ppb
Phosphorus	31-2	-76.79	-45.84	-222.54	-115.06		ppb
Potassium	39-2	500.82	483.89	501.81	495.51	2.03	ppb
Rhodium	103-1				97		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	77-2	1.93	0.00	0.96	0.96	100.07	ppb
Selenium	78-2	-0.38	-0.41	-0.38	-0.39		ppb
Selenium	82-1	1.06	0.01	0.40	0.49	108.83	ppb
Silicon	28-1	3524.18	3497.75	3509.83	3510.59	0.38	ppb
Silver	109-1	0.03	0.04	0.03	0.03	21.22	ppb
Silver	107-1	0.06	0.04	0.04	0.05	27.15	ppb
Sodium	23-2	1139.36	1123.45	1172.76	1145.19	2.20	ppb
Strontium	86-1	52.76	53.40	52.19	52.79	1.15	ppb
Strontium	88-1	52.69	53.22	52.25	52.72	0.92	ppb
Sulfur	34-1	-62348.17	-68733.78	-64203.51	-65095.15		ppb
Terbium	159-1				103		%
Terbium	159-2				94		%
Thallium	203-1	-0.02	-0.03	0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.01	0.00		ppb
Thorium	232-1	6.41	6.93	6.86	6.73	4.21	ppb
Tin	118-1	1.04	1.31	1.35	1.23	13.59	ppb
Titanium	47-1	0.96	1.12	0.70	0.93	22.86	ppb
Uranium	238-1	0.02	0.04	0.04	0.03	27.05	ppb
Vanadium	51-2	0.23	0.22	0.27	0.24	12.64	ppb
Yttrium	89-1				99		%
Yttrium	89-2				88		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-08	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW33SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:58:58	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.19	11.12	11.89	11.40	3.72	ppb
Zirconium	90-1	0.05	0.07	0.05	0.06	22.44	ppb
Zirconium	91-1	0.05	0.03	0.10	0.06	59.28	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-09	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW31SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:02:33	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	821.00	781.12	782.59	794.90	2.84	ppb
Antimony	121-1	0.97	0.95	0.92	0.95	2.85	ppb
Arsenic	75-2	1.34	1.20	1.30	1.28	5.51	ppb
Barium	135-1	28.26	29.13	28.79	28.73	1.53	ppb
Barium	137-1	28.16	28.67	28.75	28.53	1.13	ppb
Beryllium	9-1	0.04	0.05	0.06	0.05	21.40	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	9.48	8.53	10.37	9.46	9.72	ppb
Boron	11-1	9.05	9.52	9.79	9.46	3.95	ppb
Cadmium	111-1	0.18	0.20	0.25	0.21	16.61	ppb
Cadmium	106-1	-0.78	-0.33	0.33	-0.26		ppb
Cadmium	108-1	0.41	0.40	0.53	0.44	15.92	ppb
Calcium	43-1	24879.15	25247.01	24535.16	24887.11	1.43	ppb
Calcium	44-1	25237.92	25542.93	25428.26	25403.04	0.61	ppb
Chromium	52-2	2.96	2.85	2.87	2.89	2.12	ppb
Cobalt	59-2	0.91	0.86	0.89	0.89	2.61	ppb
Copper	63-2	13.94	13.05	12.71	13.24	4.81	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				102		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	1684.90	1622.24	1606.35	1637.83	2.54	ppb
Iron	57-2	1810.48	1700.45	1711.74	1740.89	3.48	ppb
Krypton	83-1						cps
Lead	206-1	2.39	2.23	2.32	2.31	3.62	ppb
Lead	207-1	2.13	2.11	2.09	2.11	0.96	ppb
Lead	208-1	2.19	2.18	2.13	2.17	1.44	ppb
Lithium	6-1				93		%
Magnesium	24-2	4034.83	3949.74	3947.75	3977.44	1.25	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-09	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW31SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:02:33	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.85	98.53	98.45	99.94	2.52	ppb
Molybdenum	94-1	0.83	0.87	0.78	0.83	5.22	ppb
Molybdenum	95-1	0.30	0.32	0.34	0.32	4.74	ppb
Molybdenum	96-1	0.33	0.41	0.46	0.40	16.72	ppb
Molybdenum	97-1	0.38	0.28	0.36	0.34	16.04	ppb
Molybdenum	98-1	0.30	0.32	0.34	0.32	6.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.04	2.69	2.80	2.84	6.34	ppb
Phosphorus	31-2	2850.27	1658.87	2543.43	2350.86	26.31	ppb
Potassium	39-2	1380.20	1352.39	1341.68	1358.09	1.46	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	0.93	1.89	0.00	0.94	100.43	ppb
Selenium	78-2	-0.12	0.06	0.82	0.25	199.72	ppb
Selenium	82-1	0.68	-0.03	0.56	0.40	94.63	ppb
Silicon	28-1	2859.07	2912.76	2836.67	2869.50	1.36	ppb
Silver	109-1	0.03	0.04	0.04	0.04	11.62	ppb
Silver	107-1	0.05	0.04	0.05	0.05	11.59	ppb
Sodium	23-2	2293.29	2238.16	2190.06	2240.50	2.31	ppb
Strontium	86-1	104.71	106.32	105.21	105.41	0.78	ppb
Strontium	88-1	102.21	105.43	104.12	103.92	1.56	ppb
Sulfur	34-1	-36582.03	-34279.16	-45045.78	-38635.65		ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	131.45	ppb
Thorium	232-1	70.58	69.11	69.09	69.59	1.22	ppb
Tin	118-1	0.99	1.02	0.95	0.99	3.65	ppb
Titanium	47-1	29.21	29.66	29.57	29.48	0.80	ppb
Uranium	238-1	0.26	0.27	0.27	0.27	3.41	ppb
Vanadium	51-2	2.09	1.64	2.07	1.93	13.20	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-09	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW31SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:02:33	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	19.47	18.25	19.16	18.96	3.36	ppb
Zirconium	90-1	0.40	0.46	0.45	0.44	7.95	ppb
Zirconium	91-1	0.47	0.40	0.46	0.44	8.99	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-10	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW41SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:06:08	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.59	22.08	17.61	20.09	11.31	ppb
Antimony	121-1	0.81	0.90	0.78	0.83	7.56	ppb
Arsenic	75-2	7.80	8.09	7.64	7.84	2.91	ppb
Barium	135-1	25.04	25.66	25.47	25.39	1.26	ppb
Barium	137-1	25.48	25.48	25.09	25.35	0.88	ppb
Beryllium	9-1	0.03	0.02	-0.02	0.01	255.82	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	4.79	4.27	5.32	4.80	10.96	ppb
Boron	11-1	5.34	5.34	5.27	5.32	0.72	ppb
Cadmium	111-1	0.13	0.04	0.04	0.07	74.56	ppb
Cadmium	106-1	1.29	-0.23	-0.02	0.35	237.19	ppb
Cadmium	108-1	0.28	0.01	0.06	0.12	122.03	ppb
Calcium	43-1	22973.96	22714.84	22570.69	22753.16	0.90	ppb
Calcium	44-1	23267.14	23063.31	22982.90	23104.45	0.63	ppb
Chromium	52-2	1.10	1.08	1.19	1.13	5.25	ppb
Cobalt	59-2	2.39	2.32	2.22	2.31	3.67	ppb
Copper	63-2	2.59	2.37	2.50	2.48	4.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				89		%
Iron	56-2	22716.69	22006.55	22064.05	22262.43	1.77	ppb
Iron	57-2	22494.39	21623.73	21742.41	21953.51	2.15	ppb
Krypton	83-1						cps
Lead	206-1	0.54	0.55	0.53	0.54	2.42	ppb
Lead	207-1	0.54	0.48	0.45	0.49	8.71	ppb
Lead	208-1	0.53	0.51	0.50	0.52	2.85	ppb
Lithium	6-1				93		%
Magnesium	24-2	5066.40	4834.46	4930.13	4943.66	2.36	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-10	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW41SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:06:08	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4487.33	4354.04	4382.52	4407.96	1.59	ppb
Molybdenum	94-1	0.69	0.76	0.69	0.71	6.28	ppb
Molybdenum	95-1	0.85	0.78	0.89	0.84	6.42	ppb
Molybdenum	96-1	1.01	0.86	0.97	0.95	8.11	ppb
Molybdenum	97-1	0.77	0.74	0.66	0.72	8.10	ppb
Molybdenum	98-1	0.78	0.74	0.71	0.74	4.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	2.03	1.94	2.03	4.40	ppb
Phosphorus	31-2	53.72	-74.18	-257.04	-92.50		ppb
Potassium	39-2	441.31	421.69	425.44	429.48	2.42	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				85		%
Selenium	77-2	0.96	2.85	0.95	1.59	68.74	ppb
Selenium	78-2	0.74	-0.09	1.35	0.67	108.53	ppb
Selenium	82-1	-0.56	1.16	-0.40	0.06	1492.29	ppb
Silicon	28-1	3505.27	3450.72	3473.42	3476.47	0.79	ppb
Silver	109-1	0.03	0.04	0.04	0.04	22.77	ppb
Silver	107-1	0.04	0.03	0.05	0.04	23.33	ppb
Sodium	23-2	1627.73	1616.08	1610.99	1618.27	0.53	ppb
Strontium	86-1	157.90	158.10	155.63	157.21	0.87	ppb
Strontium	88-1	153.96	154.58	151.47	153.34	1.07	ppb
Sulfur	34-1	-36593.67	-51774.70	-51744.03	-46704.13		ppb
Terbium	159-1				102		%
Terbium	159-2				94		%
Thallium	203-1	-0.01	0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Thorium	232-1	12.61	10.06	10.69	11.12	11.99	ppb
Tin	118-1	0.86	0.82	1.01	0.90	11.11	ppb
Titanium	47-1	0.85	1.04	1.00	0.96	10.63	ppb
Uranium	238-1	0.07	0.04	0.04	0.05	33.13	ppb
Vanadium	51-2	0.30	0.30	0.32	0.31	2.93	ppb
Yttrium	89-1				98		%
Yttrium	89-2				89		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-10	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW41SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:06:08	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.44	11.55	12.33	12.11	4.02	ppb
Zirconium	90-1	0.14	0.15	0.15	0.15	3.93	ppb
Zirconium	91-1	0.16	0.14	0.15	0.15	5.08	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-11	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW41SR-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:09:42	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.36	19.06	27.44	22.96	18.40	ppb
Antimony	121-1	0.92	0.85	0.84	0.87	4.92	ppb
Arsenic	75-2	7.42	7.78	8.23	7.81	5.21	ppb
Barium	135-1	23.88	25.56	25.33	24.92	3.66	ppb
Barium	137-1	25.18	24.80	25.22	25.07	0.93	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	37.72	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	4.61	4.85	4.47	4.64	4.14	ppb
Boron	11-1	4.63	4.72	4.55	4.63	1.80	ppb
Cadmium	111-1	0.01	0.05	0.01	0.02	83.11	ppb
Cadmium	106-1	-0.28	0.03	-0.45	-0.23		ppb
Cadmium	108-1	0.14	0.06	0.01	0.07	92.67	ppb
Calcium	43-1	22493.19	23176.92	22846.03	22838.71	1.50	ppb
Calcium	44-1	22810.42	23315.81	23029.06	23051.77	1.10	ppb
Chromium	52-2	1.15	1.19	1.15	1.17	2.18	ppb
Cobalt	59-2	2.36	2.31	2.26	2.31	2.18	ppb
Copper	63-2	2.33	2.35	2.29	2.32	1.17	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				102		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				89		%
Iron	56-2	21677.66	21667.59	22400.13	21915.13	1.92	ppb
Iron	57-2	21404.58	21196.35	22322.12	21641.01	2.77	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.51	0.44	0.47	8.71	ppb
Lead	207-1	0.49	0.44	0.49	0.47	6.90	ppb
Lead	208-1	0.48	0.49	0.47	0.48	2.53	ppb
Lithium	6-1				93		%
Magnesium	24-2	4748.53	4802.64	5040.67	4863.95	3.20	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-11	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW41SR-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:09:42	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4339.30	4333.95	4481.09	4384.78	1.90	ppb
Molybdenum	94-1	0.60	0.76	0.65	0.67	12.11	ppb
Molybdenum	95-1	0.90	0.92	0.73	0.85	12.15	ppb
Molybdenum	96-1	0.90	0.97	1.03	0.97	6.95	ppb
Molybdenum	97-1	0.80	0.75	0.68	0.74	8.02	ppb
Molybdenum	98-1	0.74	0.67	0.75	0.72	5.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.51	1.39	1.60	1.50	7.24	ppb
Phosphorus	31-2	-221.03	-187.53	-137.73	-182.10		ppb
Potassium	39-2	409.19	424.66	441.41	425.09	3.79	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				85		%
Selenium	77-2	2.90	4.81	0.00	2.57	94.29	ppb
Selenium	78-2	-0.37	1.54	0.37	0.51	188.14	ppb
Selenium	82-1	0.98	0.02	0.14	0.38	136.70	ppb
Silicon	28-1	3352.49	3502.69	3439.92	3431.70	2.20	ppb
Silver	109-1	0.03	0.03	0.04	0.03	21.37	ppb
Silver	107-1	0.04	0.03	0.04	0.04	9.92	ppb
Sodium	23-2	1575.20	1612.20	1664.88	1617.42	2.79	ppb
Strontium	86-1	155.19	154.73	157.41	155.78	0.92	ppb
Strontium	88-1	153.14	152.94	155.03	153.71	0.75	ppb
Sulfur	34-1	-57559.55	-49859.47	-46992.29	-51470.43		ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	-0.03	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Thorium	232-1	10.97	9.12	9.36	9.82	10.27	ppb
Tin	118-1	0.76	0.95	0.89	0.87	11.08	ppb
Titanium	47-1	0.88	0.98	0.98	0.95	5.90	ppb
Uranium	238-1	0.06	0.07	0.06	0.06	6.78	ppb
Vanadium	51-2	0.30	0.32	0.24	0.29	15.21	ppb
Yttrium	89-1				97		%
Yttrium	89-2				88		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-11	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW41SR-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:09:42	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.88	9.35	11.09	10.11	8.87	ppb
Zirconium	90-1	0.14	0.16	0.19	0.16	13.43	ppb
Zirconium	91-1	0.15	0.17	0.16	0.16	5.15	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:13:17	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.30	54.44	50.72	53.82	5.27	ppb
Antimony	121-1	0.28	0.26	0.22	0.26	10.98	ppb
Arsenic	75-2	479.98	477.48	474.11	477.19	0.62	ppb
Barium	135-1	0.20	0.22	0.09	0.17	41.04	ppb
Barium	137-1	0.17	0.20	0.17	0.18	9.13	ppb
Beryllium	9-1	-0.02	0.02	0.01	0.00	829.78	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	0.77	0.90	0.72	0.80	11.87	ppb
Boron	11-1	1.22	1.21	1.37	1.27	7.21	ppb
Cadmium	111-1	0.09	-0.04	0.00	0.02	372.65	ppb
Cadmium	106-1	0.61	-0.82	-0.23	-0.15		ppb
Cadmium	108-1	0.06	0.06	0.06	0.06	2.11	ppb
Calcium	43-1	101.14	109.48	97.84	102.82	5.83	ppb
Calcium	44-1	81.60	82.78	81.89	82.09	0.75	ppb
Chromium	52-2	516.93	519.89	520.95	519.26	0.40	ppb
Cobalt	59-2	0.77	0.86	0.89	0.84	7.71	ppb
Copper	63-2	2.45	2.33	2.42	2.40	2.42	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				100		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	127083.10	127331.98	128999.74	127804.94	0.82	ppb
Iron	57-2	123584.83	122508.23	126039.31	124044.13	1.46	ppb
Krypton	83-1						cps
Lead	206-1	493.42	493.11	494.37	493.63	0.13	ppb
Lead	207-1	503.32	503.58	509.87	505.59	0.73	ppb
Lead	208-1	489.59	491.29	489.79	490.22	0.19	ppb
Lithium	6-1				94		%
Magnesium	24-2	245928.37	244884.08	250320.04	247044.16	1.17	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:13:17	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1035.15	1044.82	1040.73	1040.24	0.47	ppb
Molybdenum	94-1	1.00	0.85	0.89	0.91	8.40	ppb
Molybdenum	95-1	1.20	1.17	1.10	1.16	4.24	ppb
Molybdenum	96-1	2.39	2.31	2.38	2.36	1.74	ppb
Molybdenum	97-1	1.30	1.21	1.21	1.24	4.02	ppb
Molybdenum	98-1	1.15	1.21	1.25	1.21	4.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.12	8.78	8.69	8.86	2.55	ppb
Phosphorus	31-2	-267.44	-229.84	-335.40	-277.56		ppb
Potassium	39-2	15.46	13.10	11.16	13.24	16.24	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	0.91	0.00	0.00	0.30	173.21	ppb
Selenium	78-2	-1.39	-0.01	-0.14	-0.51		ppb
Selenium	82-1	-0.22	0.53	0.65	0.32	147.80	ppb
Silicon	28-1	3.16	3.82	3.65	3.54	9.74	ppb
Silver	109-1	0.02	0.04	0.03	0.03	43.72	ppb
Silver	107-1	0.04	0.02	0.04	0.03	38.26	ppb
Sodium	23-2	59.30	60.63	59.99	59.98	1.11	ppb
Strontium	86-1	0.05	0.04	0.06	0.05	18.51	ppb
Strontium	88-1	0.05	0.04	0.05	0.04	5.69	ppb
Sulfur	34-1	-54029.39	-44101.29	-51059.33	-49730.00		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.03	0.01	0.02	87.29	ppb
Thallium	205-1	0.02	0.03	0.01	0.02	59.23	ppb
Thorium	232-1	2.37	4.28	2.92	3.19	30.79	ppb
Tin	118-1	0.04	0.05	0.06	0.05	14.50	ppb
Titanium	47-1	0.04	0.13	0.18	0.12	61.01	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	8.83	ppb
Vanadium	51-2	0.11	0.07	0.06	0.08	30.58	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:13:17	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.78	7.54	7.31	7.54	3.13	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.18	0.20	0.14	0.17	17.76	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:16:52	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	-0.26	-0.46	-0.40		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	144.17	ppb
Arsenic	75-2	0.05	0.08	0.03	0.05	43.88	ppb
Barium	135-1	-0.03	-0.04	-0.03	-0.03		ppb
Barium	137-1	-0.01	0.01	-0.01	0.00		ppb
Beryllium	9-1	-0.02	-0.02	-0.01	-0.02		ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	0.44	0.93	0.43	0.60	47.22	ppb
Boron	11-1	0.39	0.72	0.59	0.57	29.40	ppb
Cadmium	111-1	-0.10	-0.03	0.00	-0.05		ppb
Cadmium	106-1	-1.54	-0.55	-0.19	-0.76		ppb
Cadmium	108-1	0.02	-0.03	0.02	0.00	3360.23	ppb
Calcium	43-1	0.57	1.10	1.65	1.10	49.23	ppb
Calcium	44-1	0.40	-0.60	-0.99	-0.40		ppb
Chromium	52-2	-0.16	-0.05	-0.21	-0.14		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.19	0.18	0.16	0.18	7.61	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				94		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	4.98	4.94	4.14	4.69	10.09	ppb
Iron	57-2	5.82	5.98	0.07	3.96	85.07	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.14	0.12	0.13	5.71	ppb
Lead	207-1	0.15	0.10	0.13	0.12	19.51	ppb
Lead	208-1	0.14	0.12	0.11	0.12	12.00	ppb
Lithium	6-1				90		%
Magnesium	24-2	6.92	5.71	6.05	6.23	10.07	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:16:52	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.18	0.14	0.07	0.13	41.50	ppb
Molybdenum	94-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	96-1	-0.01	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	0.00	0.01	-0.02	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	289.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.03	-0.03		ppb
Phosphorus	31-2	-261.68	-185.80	-261.87	-236.45		ppb
Potassium	39-2	-4.16	-1.82	0.21	-1.92		ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.64	0.33	0.06	0.34	85.19	ppb
Selenium	82-1	0.23	-0.19	-0.45	-0.13		ppb
Silicon	28-1	-0.59	-0.78	-0.64	-0.67		ppb
Silver	109-1	0.03	0.01	0.03	0.02	36.46	ppb
Silver	107-1	0.02	0.02	0.02	0.02	21.41	ppb
Sodium	23-2	26.91	26.16	26.95	26.68	1.67	ppb
Strontium	86-1	0.00	-0.04	-0.07	-0.04		ppb
Strontium	88-1	0.01	0.00	0.01	0.00	85.96	ppb
Sulfur	34-1	-43986.53	-41639.11	-33989.53	-39871.72		ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Thorium	232-1	3.34	2.81	-1.87	1.43	200.77	ppb
Tin	118-1	0.03	0.01	0.02	0.02	52.46	ppb
Titanium	47-1	0.02	0.02	0.08	0.04	93.87	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	19.28	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	65.56	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:16:52	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.12	0.14	0.24	0.16	40.28	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-12	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW42SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:20:27	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	119.20	103.64	107.43	110.09	7.37	ppb
Antimony	121-1	0.72	0.82	0.83	0.79	7.30	ppb
Arsenic	75-2	0.62	0.75	0.78	0.72	12.04	ppb
Barium	135-1	27.57	27.78	27.09	27.48	1.29	ppb
Barium	137-1	27.75	27.30	26.85	27.30	1.65	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				92		%
Bismuth	209-2				87		%
Boron	10-1	5.72	5.31	5.02	5.35	6.56	ppb
Boron	11-1	5.03	5.14	5.31	5.16	2.75	ppb
Cadmium	111-1	0.22	0.13	0.13	0.16	31.91	ppb
Cadmium	106-1	-0.24	-0.94	-0.85	-0.68		ppb
Cadmium	108-1	0.24	0.10	0.19	0.18	38.74	ppb
Calcium	43-1	80376.01	80532.86	79559.92	80156.27	0.65	ppb
Calcium	44-1	82536.59	82786.70	82399.38	82574.23	0.24	ppb
Chromium	52-2	1.51	1.32	1.30	1.38	8.47	ppb
Cobalt	59-2	0.37	0.49	0.48	0.45	14.71	ppb
Copper	63-2	2.90	2.88	3.04	2.94	2.91	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				99		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				86		%
Iron	56-2	1312.89	1300.22	1319.89	1311.00	0.76	ppb
Iron	57-2	1582.74	1548.60	1554.62	1561.98	1.17	ppb
Krypton	83-1						cps
Lead	206-1	0.54	0.52	0.54	0.53	2.29	ppb
Lead	207-1	0.49	0.47	0.51	0.49	3.98	ppb
Lead	208-1	0.50	0.49	0.50	0.49	1.16	ppb
Lithium	6-1				92		%
Magnesium	24-2	21728.11	21386.53	21918.09	21677.58	1.24	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-12	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW42SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:20:27	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	766.77	763.27	774.70	768.25	0.76	ppb
Molybdenum	94-1	0.45	0.32	0.45	0.41	18.75	ppb
Molybdenum	95-1	0.28	0.32	0.29	0.30	6.02	ppb
Molybdenum	96-1	0.31	0.34	0.34	0.33	5.08	ppb
Molybdenum	97-1	0.33	0.24	0.26	0.28	16.62	ppb
Molybdenum	98-1	0.30	0.31	0.33	0.31	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.53	1.61	1.49	1.54	4.03	ppb
Phosphorus	31-2	-183.37	-3.54	74.48	-37.48		ppb
Potassium	39-2	1221.68	1187.42	1238.49	1215.87	2.14	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	77-2	0.96	0.97	3.88	1.93	86.96	ppb
Selenium	78-2	0.73	-0.04	-0.04	0.21	208.54	ppb
Selenium	82-1	0.63	-0.29	-0.84	-0.16		ppb
Silicon	28-1	3301.46	3303.02	3282.70	3295.72	0.34	ppb
Silver	109-1	0.12	0.09	0.10	0.10	14.19	ppb
Silver	107-1	0.12	0.12	0.10	0.11	11.15	ppb
Sodium	23-2	211881.09	207433.25	212974.67	210763.00	1.39	ppb
Strontium	86-1	538.60	528.61	551.83	539.68	2.16	ppb
Strontium	88-1	545.74	542.97	555.66	548.12	1.22	ppb
Sulfur	34-1	227830.60	219350.93	208210.67	218464.06	4.50	ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	-0.03	0.00	0.00	-0.01		ppb
Thallium	205-1	0.03	0.00	0.00	0.01	146.24	ppb
Thorium	232-1	21.38	20.72	23.99	22.03	7.84	ppb
Tin	118-1	0.84	0.83	0.95	0.87	7.74	ppb
Titanium	47-1	5.00	5.21	5.17	5.13	2.22	ppb
Uranium	238-1	1.75	1.77	1.80	1.77	1.43	ppb
Vanadium	51-2	0.49	0.47	0.52	0.49	5.33	ppb
Yttrium	89-1				94		%
Yttrium	89-2				88		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-12	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW42SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:20:27	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.91	10.96	10.94	10.93	0.24	ppb
Zirconium	90-1	0.16	0.14	0.15	0.15	7.55	ppb
Zirconium	91-1	0.18	0.16	0.13	0.16	17.05	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-13	Instrumnet Name :	P7
Client Sample ID :	FA19-MAOIW03	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:24:03	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	172.95	167.18	169.84	169.99	1.70	ppb
Antimony	121-1	0.73	0.77	0.93	0.81	12.97	ppb
Arsenic	75-2	15.86	16.22	15.59	15.89	1.98	ppb
Barium	135-1	53.30	59.69	59.76	57.58	6.44	ppb
Barium	137-1	52.74	59.57	60.10	57.47	7.14	ppb
Beryllium	9-1	0.09	0.08	0.07	0.08	12.03	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Boron	10-1	11.43	12.85	11.14	11.81	7.76	ppb
Boron	11-1	10.74	11.40	11.94	11.36	5.30	ppb
Cadmium	111-1	0.12	0.12	0.16	0.13	13.35	ppb
Cadmium	106-1	0.55	0.14	0.52	0.41	57.02	ppb
Cadmium	108-1	0.33	0.06	0.36	0.25	67.11	ppb
Calcium	43-1	30813.72	34481.43	34166.89	33154.01	6.13	ppb
Calcium	44-1	31566.65	35039.67	35247.02	33951.11	6.09	ppb
Chromium	52-2	3.67	3.52	3.39	3.52	3.97	ppb
Cobalt	59-2	6.49	6.21	6.03	6.24	3.71	ppb
Copper	63-2	7.51	7.13	7.25	7.30	2.66	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				104		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				89		%
Iron	56-2	51715.68	50625.93	50518.64	50953.42	1.30	ppb
Iron	57-2	50773.27	49997.85	49039.37	49936.83	1.74	ppb
Krypton	83-1						cps
Lead	206-1	2.71	3.01	3.05	2.92	6.49	ppb
Lead	207-1	2.70	2.85	2.93	2.83	3.97	ppb
Lead	208-1	2.62	2.88	2.88	2.79	5.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	7615.04	7405.46	7403.41	7474.64	1.63	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-13	Instrumnet Name :	P7
Client Sample ID :	FA19-MAOIW03	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:24:03	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6626.79	6430.23	6462.24	6506.42	1.62	ppb
Molybdenum	94-1	2.07	2.24	2.15	2.15	3.94	ppb
Molybdenum	95-1	0.97	1.03	1.17	1.06	9.61	ppb
Molybdenum	96-1	1.27	1.30	1.41	1.33	5.69	ppb
Molybdenum	97-1	0.94	1.01	1.02	0.99	4.27	ppb
Molybdenum	98-1	0.88	0.96	0.92	0.92	4.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.50	8.31	7.76	8.19	4.71	ppb
Phosphorus	31-2	7907.99	8974.11	8093.80	8325.30	6.84	ppb
Potassium	39-2	1447.21	1410.45	1389.65	1415.77	2.06	ppb
Rhodium	103-1				97		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	77-2	3.55	3.48	6.93	4.65	42.32	ppb
Selenium	78-2	0.51	0.88	0.00	0.46	95.19	ppb
Selenium	82-1	1.12	1.03	0.62	0.93	28.67	ppb
Silicon	28-1	4476.58	4977.74	4923.16	4792.49	5.74	ppb
Silver	109-1	0.07	0.05	0.08	0.07	21.94	ppb
Silver	107-1	0.06	0.07	0.08	0.07	15.36	ppb
Sodium	23-2	3875.47	3858.83	3794.34	3842.88	1.12	ppb
Strontium	86-1	159.47	178.07	176.91	171.49	6.08	ppb
Strontium	88-1	155.02	173.91	174.21	167.71	6.56	ppb
Sulfur	34-1	-74757.93	-39739.08	-39343.91	-51280.31		ppb
Terbium	159-1				105		%
Terbium	159-2				94		%
Thallium	203-1	-0.04	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.01	0.00	0.01	0.00		ppb
Thorium	232-1	61.27	69.17	73.29	67.91	9.00	ppb
Tin	118-1	0.70	0.80	0.92	0.81	13.53	ppb
Titanium	47-1	4.95	6.11	6.00	5.69	11.21	ppb
Uranium	238-1	0.28	0.33	0.31	0.30	7.78	ppb
Vanadium	51-2	2.98	2.77	2.66	2.80	5.77	ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-13	Instrumnet Name :	P7
Client Sample ID :	FA19-MAOIW03	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:24:03	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	19.36	18.23	19.18	18.92	3.20	ppb
Zirconium	90-1	1.04	1.06	1.14	1.08	4.79	ppb
Zirconium	91-1	0.85	1.11	1.10	1.02	14.49	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-14	Instrumnet Name :	P7
Client Sample ID :	FA19-MPS-IW12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:27:37	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.81	40.30	32.89	37.67	11.01	ppb
Antimony	121-1	0.75	0.80	0.82	0.79	4.47	ppb
Arsenic	75-2	1.21	1.33	1.06	1.20	11.01	ppb
Barium	135-1	72.11	72.77	72.12	72.33	0.52	ppb
Barium	137-1	71.61	71.99	72.02	71.88	0.32	ppb
Beryllium	9-1	0.00	0.01	-0.02	0.00		ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	10-1	22.25	19.74	20.30	20.76	6.34	ppb
Boron	11-1	20.76	22.00	22.02	21.59	3.36	ppb
Cadmium	111-1	0.44	0.49	0.42	0.45	8.22	ppb
Cadmium	106-1	0.48	0.58	0.60	0.55	11.45	ppb
Cadmium	108-1	0.23	0.32	0.27	0.27	15.66	ppb
Calcium	43-1	73410.40	73969.42	73908.07	73762.63	0.42	ppb
Calcium	44-1	75072.92	75933.70	75883.85	75630.16	0.64	ppb
Chromium	52-2	10.19	10.47	10.14	10.27	1.71	ppb
Cobalt	59-2	0.53	0.50	0.52	0.52	3.53	ppb
Copper	63-2	4.14	4.13	4.02	4.10	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	56-2	28411.72	28480.97	28463.28	28451.99	0.13	ppb
Iron	57-2	27734.76	27854.44	28095.99	27895.06	0.66	ppb
Krypton	83-1						cps
Lead	206-1	1.03	1.09	1.04	1.05	3.14	ppb
Lead	207-1	0.95	1.07	0.92	0.98	7.97	ppb
Lead	208-1	1.00	1.05	0.97	1.01	4.14	ppb
Lithium	6-1				94		%
Magnesium	24-2	9695.24	9955.81	9847.51	9832.85	1.33	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-14	Instrumnet Name :	P7
Client Sample ID :	FA19-MPS-IW12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:27:37	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2750.77	2764.09	2759.65	2758.17	0.25	ppb
Molybdenum	94-1	3.04	3.05	3.22	3.11	3.18	ppb
Molybdenum	95-1	3.84	3.98	4.10	3.97	3.39	ppb
Molybdenum	96-1	4.08	4.21	3.90	4.06	3.87	ppb
Molybdenum	97-1	4.26	4.35	3.84	4.15	6.48	ppb
Molybdenum	98-1	4.09	4.04	4.04	4.06	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.09	3.19	3.12	3.13	1.56	ppb
Phosphorus	31-2	6543.32	7545.78	6332.58	6807.23	9.52	ppb
Potassium	39-2	2506.59	2508.98	2464.68	2493.41	1.00	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	77-2	0.94	0.96	1.86	1.25	41.98	ppb
Selenium	78-2	0.67	-0.08	0.17	0.26	149.46	ppb
Selenium	82-1	1.02	0.84	-0.31	0.52	138.66	ppb
Silicon	28-1	4113.75	4110.95	4091.66	4105.45	0.29	ppb
Silver	109-1	0.04	0.05	0.05	0.05	7.43	ppb
Silver	107-1	0.03	0.05	0.06	0.05	24.07	ppb
Sodium	23-2	1833.51	1839.29	1867.30	1846.70	0.98	ppb
Strontium	86-1	292.38	290.99	292.42	291.93	0.28	ppb
Strontium	88-1	281.99	284.85	284.57	283.80	0.56	ppb
Sulfur	34-1	-31100.74	-36670.93	-36583.99	-34785.22		ppb
Terbium	159-1				101		%
Terbium	159-2				94		%
Thallium	203-1	-0.02	-0.02	-0.04	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Thorium	232-1	5.95	6.94	11.44	8.11	36.06	ppb
Tin	118-1	0.80	0.83	0.89	0.84	5.04	ppb
Titanium	47-1	2.17	2.54	2.39	2.37	8.04	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	9.91	ppb
Vanadium	51-2	0.52	0.50	0.51	0.51	2.09	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-14	Instrumnet Name :	P7
Client Sample ID :	FA19-MPS-IW12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:27:37	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.13	11.12	10.18	10.48	5.33	ppb
Zirconium	90-1	0.24	0.26	0.27	0.26	5.40	ppb
Zirconium	91-1	0.27	0.28	0.24	0.27	8.81	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-15	Instrumnet Name :	P7
Client Sample ID :	FA19-MPS-IW15	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:31:11	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.42	27.78	29.82	27.67	7.96	ppb
Antimony	121-1	0.91	0.92	0.91	0.91	0.71	ppb
Arsenic	75-2	2.31	1.72	2.10	2.05	14.56	ppb
Barium	135-1	154.64	154.62	154.66	154.64	0.01	ppb
Barium	137-1	152.20	152.45	155.08	153.24	1.04	ppb
Beryllium	9-1	0.04	0.04	0.01	0.03	59.98	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	10-1	16.71	17.14	16.18	16.68	2.89	ppb
Boron	11-1	16.69	16.66	16.42	16.59	0.88	ppb
Cadmium	111-1	-0.04	0.06	-0.01	0.00	2713.83	ppb
Cadmium	106-1	-0.54	0.61	-0.24	-0.06		ppb
Cadmium	108-1	0.23	0.31	0.31	0.28	17.49	ppb
Calcium	43-1	59431.30	59310.69	59225.67	59322.55	0.17	ppb
Calcium	44-1	60613.66	60225.82	61140.70	60660.06	0.76	ppb
Chromium	52-2	2.17	2.13	2.12	2.14	1.14	ppb
Cobalt	59-2	0.85	0.75	0.70	0.77	9.67	ppb
Copper	63-2	3.18	3.32	3.21	3.23	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	56-2	12823.64	13154.12	12911.88	12963.21	1.32	ppb
Iron	57-2	12530.41	13224.71	12940.69	12898.60	2.71	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.91	0.98	0.96	4.26	ppb
Lead	207-1	0.93	0.98	0.89	0.93	4.48	ppb
Lead	208-1	0.93	0.93	0.90	0.92	2.09	ppb
Lithium	6-1				93		%
Magnesium	24-2	17416.54	18102.31	17564.01	17694.29	2.04	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-15	Instrumnet Name :	P7
Client Sample ID :	FA19-MPS-IW15	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:31:11	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3838.65	3957.91	3914.37	3903.64	1.55	ppb
Molybdenum	94-1	5.17	4.81	5.20	5.06	4.31	ppb
Molybdenum	95-1	0.26	0.29	0.28	0.28	6.01	ppb
Molybdenum	96-1	0.87	0.84	0.92	0.88	4.70	ppb
Molybdenum	97-1	0.28	0.27	0.22	0.26	12.80	ppb
Molybdenum	98-1	0.23	0.23	0.19	0.22	9.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.92	1.06	0.94	12.85	ppb
Phosphorus	31-2	2865.15	1998.81	2407.77	2423.91	17.88	ppb
Potassium	39-2	1602.97	1692.14	1663.63	1652.91	2.76	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	77-2	3.66	0.91	0.00	1.52	125.20	ppb
Selenium	78-2	-0.48	0.72	-0.14	0.03	1788.21	ppb
Selenium	82-1	0.58	0.55	0.48	0.54	9.46	ppb
Silicon	28-1	4350.83	4392.90	4452.94	4398.89	1.17	ppb
Silver	109-1	0.03	0.04	0.03	0.03	16.60	ppb
Silver	107-1	0.06	0.06	0.04	0.05	15.71	ppb
Sodium	23-2	2292.65	2393.23	2334.59	2340.16	2.16	ppb
Strontium	86-1	369.65	369.66	363.38	367.56	0.99	ppb
Strontium	88-1	357.76	357.89	353.22	356.29	0.75	ppb
Sulfur	34-1	-9684.31	-10730.07	-3142.50	-7852.29		ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	-0.02	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Thorium	232-1	28.75	24.60	24.34	25.89	9.56	ppb
Tin	118-1	0.74	0.75	0.87	0.79	9.40	ppb
Titanium	47-1	0.94	1.06	1.27	1.09	15.38	ppb
Uranium	238-1	0.16	0.14	0.15	0.15	4.86	ppb
Vanadium	51-2	0.63	0.72	0.60	0.65	10.29	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-15	Instrumnet Name :	P7
Client Sample ID :	FA19-MPS-IW15	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:31:11	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.94	10.39	9.51	9.95	4.45	ppb
Zirconium	90-1	3.32	3.15	3.26	3.24	2.67	ppb
Zirconium	91-1	3.28	3.13	3.19	3.20	2.40	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:34:46	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.03	52.83	46.94	48.94	6.90	ppb
Antimony	121-1	0.75	0.82	0.73	0.77	6.57	ppb
Arsenic	75-2	22.26	21.32	20.25	21.28	4.73	ppb
Barium	135-1	35.68	34.14	36.25	35.36	3.08	ppb
Barium	137-1	36.08	35.10	36.81	36.00	2.39	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	40.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	6.33	7.65	7.46	7.14	10.02	ppb
Boron	11-1	7.37	6.76	6.97	7.03	4.43	ppb
Cadmium	111-1	0.03	0.04	0.14	0.07	86.69	ppb
Cadmium	106-1	-0.75	-0.18	0.61	-0.10		ppb
Cadmium	108-1	0.10	0.10	0.22	0.14	52.13	ppb
Calcium	43-1	30800.24	31017.89	30827.72	30881.95	0.38	ppb
Calcium	44-1	31596.05	32130.47	31927.59	31884.70	0.85	ppb
Chromium	52-2	1.33	1.24	1.28	1.28	3.47	ppb
Cobalt	59-2	16.98	16.59	16.48	16.68	1.57	ppb
Copper	63-2	2.46	2.43	2.52	2.47	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	56-2	68000.39	68001.78	67496.63	67832.93	0.43	ppb
Iron	57-2	66720.63	66667.64	65532.65	66306.97	1.01	ppb
Krypton	83-1						cps
Lead	206-1	1.12	1.18	1.07	1.13	4.87	ppb
Lead	207-1	1.08	1.07	1.10	1.08	1.17	ppb
Lead	208-1	1.06	1.11	1.06	1.07	2.81	ppb
Lithium	6-1				92		%
Magnesium	24-2	6359.32	6296.65	6356.78	6337.58	0.56	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:34:46	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6454.64	6389.50	6367.70	6403.95	0.71	ppb
Molybdenum	94-1	1.98	1.83	2.03	1.95	5.26	ppb
Molybdenum	95-1	2.19	2.13	2.52	2.28	9.25	ppb
Molybdenum	96-1	2.80	3.04	3.06	2.97	4.88	ppb
Molybdenum	97-1	2.39	2.30	2.20	2.30	4.21	ppb
Molybdenum	98-1	2.23	2.17	2.15	2.18	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.23	8.37	8.38	8.33	0.96	ppb
Phosphorus	31-2	130.20	203.58	230.94	188.24	27.67	ppb
Potassium	39-2	940.33	912.63	944.77	932.57	1.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	77-2	5.54	1.83	4.57	3.98	48.40	ppb
Selenium	78-2	0.46	-0.18	1.19	0.49	139.36	ppb
Selenium	82-1	0.09	0.75	-0.16	0.22	208.24	ppb
Silicon	28-1	5153.66	5260.83	5195.03	5203.17	1.04	ppb
Silver	109-1	0.03	0.03	0.03	0.03	10.82	ppb
Silver	107-1	0.05	0.04	0.04	0.04	17.45	ppb
Sodium	23-2	3422.01	3370.22	3392.78	3395.00	0.76	ppb
Strontium	86-1	272.98	273.64	272.60	273.08	0.19	ppb
Strontium	88-1	270.06	269.24	267.52	268.94	0.48	ppb
Sulfur	34-1	-64129.01	-57470.97	-70861.06	-64153.68		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	-0.01	-0.03	0.00	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Thorium	232-1	9.19	13.87	12.33	11.80	20.20	ppb
Tin	118-1	0.72	0.76	0.86	0.78	9.15	ppb
Titanium	47-1	2.12	2.08	1.87	2.02	6.61	ppb
Uranium	238-1	0.02	0.06	0.03	0.04	47.93	ppb
Vanadium	51-2	0.43	0.49	0.53	0.49	9.91	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:34:46	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.91	12.19	12.42	12.17	2.09	ppb
Zirconium	90-1	0.24	0.18	0.24	0.22	14.73	ppb
Zirconium	91-1	0.24	0.26	0.21	0.24	10.20	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16DUP	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:38:20	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.12	54.23	50.08	52.14	3.98	ppb
Antimony	121-1	0.74	0.78	0.74	0.75	3.18	ppb
Arsenic	75-2	20.79	19.78	21.05	20.54	3.27	ppb
Barium	135-1	36.17	35.73	35.49	35.80	0.97	ppb
Barium	137-1	35.91	36.29	35.07	35.76	1.75	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	62.64	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	7.13	7.27	5.99	6.80	10.35	ppb
Boron	11-1	6.43	6.71	7.01	6.72	4.32	ppb
Cadmium	111-1	0.03	0.01	0.04	0.03	55.06	ppb
Cadmium	106-1	-0.95	-0.49	-0.67	-0.70		ppb
Cadmium	108-1	0.01	0.06	0.05	0.04	58.45	ppb
Calcium	43-1	31181.65	31498.89	30899.73	31193.42	0.96	ppb
Calcium	44-1	31796.72	32096.04	31443.55	31778.77	1.03	ppb
Chromium	52-2	1.35	1.12	1.43	1.30	12.60	ppb
Cobalt	59-2	17.11	16.91	17.67	17.23	2.29	ppb
Copper	63-2	2.50	2.41	2.65	2.52	4.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	68865.24	67860.40	69098.48	68608.04	0.96	ppb
Iron	57-2	67391.17	66043.00	68445.04	67293.07	1.79	ppb
Krypton	83-1						cps
Lead	206-1	1.14	1.20	1.19	1.18	2.99	ppb
Lead	207-1	1.07	1.13	0.98	1.06	7.09	ppb
Lead	208-1	1.10	1.13	1.07	1.10	2.32	ppb
Lithium	6-1				92		%
Magnesium	24-2	6450.73	6304.24	6466.64	6407.20	1.40	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16DUP	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:38:20	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6521.04	6381.85	6590.61	6497.83	1.64	ppb
Molybdenum	94-1	1.82	1.88	2.00	1.90	4.66	ppb
Molybdenum	95-1	2.29	2.28	2.41	2.33	3.21	ppb
Molybdenum	96-1	2.80	2.91	2.75	2.82	2.95	ppb
Molybdenum	97-1	2.40	2.26	2.35	2.34	2.90	ppb
Molybdenum	98-1	2.28	2.13	2.27	2.23	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.29	8.15	8.58	8.34	2.63	ppb
Phosphorus	31-2	-149.97	22.42	-149.03	-92.19		ppb
Potassium	39-2	926.32	934.73	959.56	940.20	1.84	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	1.83	1.80	0.91	1.51	34.75	ppb
Selenium	78-2	-0.78	0.09	0.11	-0.19		ppb
Selenium	82-1	0.38	-0.39	1.04	0.35	206.43	ppb
Silicon	28-1	5231.33	5210.34	5236.70	5226.12	0.27	ppb
Silver	109-1	0.04	0.04	0.02	0.04	26.52	ppb
Silver	107-1	0.03	0.05	0.02	0.03	49.60	ppb
Sodium	23-2	3482.07	3401.82	3476.92	3453.60	1.30	ppb
Strontium	86-1	272.34	272.74	272.82	272.63	0.09	ppb
Strontium	88-1	270.22	268.73	263.29	267.41	1.36	ppb
Sulfur	34-1	-67536.77	-68151.31	-69831.67	-68506.58		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	0.00	-0.02	0.01	0.00		ppb
Thallium	205-1	-0.02	0.00	-0.02	-0.01		ppb
Thorium	232-1	12.79	13.76	13.55	13.37	3.83	ppb
Tin	118-1	0.76	0.92	0.92	0.87	10.96	ppb
Titanium	47-1	1.99	2.13	2.09	2.07	3.47	ppb
Uranium	238-1	0.05	0.04	0.03	0.04	16.26	ppb
Vanadium	51-2	0.47	0.51	0.43	0.47	8.26	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16DUP	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:38:20	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.12	12.08	12.07	12.09	0.22	ppb
Zirconium	90-1	0.20	0.19	0.21	0.20	4.17	ppb
Zirconium	91-1	0.19	0.22	0.20	0.20	8.12	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16LX5	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRL	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 19:41:54	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.31	8.51	10.32	10.38	18.29	ppb
Antimony	121-1	0.34	0.37	0.37	0.36	4.61	ppb
Arsenic	75-2	4.36	4.08	4.75	4.40	7.63	ppb
Barium	135-1	7.11	7.08	7.67	7.29	4.56	ppb
Barium	137-1	7.14	7.31	7.41	7.29	1.92	ppb
Beryllium	9-1	0.01	-0.01	0.01	0.00	302.75	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	2.41	2.00	2.68	2.37	14.44	ppb
Boron	11-1	2.19	2.35	2.49	2.34	6.58	ppb
Cadmium	111-1	0.07	-0.03	-0.01	0.01	424.88	ppb
Cadmium	106-1	0.83	-0.55	-0.07	0.07	998.40	ppb
Cadmium	108-1	0.05	0.10	0.01	0.05	77.44	ppb
Calcium	43-1	6176.56	6258.15	6356.00	6263.57	1.43	ppb
Calcium	44-1	6201.54	6288.05	6352.60	6280.73	1.21	ppb
Chromium	52-2	0.32	0.33	0.34	0.33	2.47	ppb
Cobalt	59-2	3.23	3.25	3.21	3.23	0.60	ppb
Copper	63-2	0.57	0.57	0.68	0.61	10.53	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				106		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	13428.77	13511.02	13481.67	13473.82	0.31	ppb
Iron	57-2	13175.29	13495.63	13332.77	13334.56	1.20	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.26	0.25	0.24	10.06	ppb
Lead	207-1	0.28	0.23	0.28	0.26	11.36	ppb
Lead	208-1	0.24	0.23	0.23	0.23	2.24	ppb
Lithium	6-1				93		%
Magnesium	24-2	1273.18	1255.35	1284.27	1270.93	1.15	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16LX5	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRL	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 19:41:54	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1292.29	1288.61	1307.21	1296.04	0.76	ppb
Molybdenum	94-1	0.35	0.47	0.40	0.40	15.00	ppb
Molybdenum	95-1	0.51	0.54	0.43	0.49	11.50	ppb
Molybdenum	96-1	0.62	0.61	0.63	0.62	1.23	ppb
Molybdenum	97-1	0.46	0.46	0.52	0.48	7.11	ppb
Molybdenum	98-1	0.49	0.45	0.43	0.45	7.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.76	1.59	1.51	1.62	7.81	ppb
Phosphorus	31-2	-137.82	-237.56	-68.07	-147.82		ppb
Potassium	39-2	176.52	194.76	191.26	187.51	5.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	0.88	0.00	0.88	0.59	86.60	ppb
Selenium	78-2	1.65	-0.08	0.48	0.68	129.40	ppb
Selenium	82-1	0.31	0.49	1.76	0.85	92.71	ppb
Silicon	28-1	1040.26	1060.54	1081.08	1060.63	1.92	ppb
Silver	109-1	0.02	0.01	0.01	0.01	26.21	ppb
Silver	107-1	0.02	0.01	0.01	0.02	31.95	ppb
Sodium	23-2	691.77	710.94	704.91	702.54	1.40	ppb
Strontium	86-1	57.21	56.09	56.07	56.46	1.16	ppb
Strontium	88-1	55.65	55.82	55.69	55.72	0.16	ppb
Sulfur	34-1	-73333.47	-71445.65	-66167.96	-70315.70		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	-0.04	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.02	0.00	-0.02	-0.01		ppb
Thorium	232-1	4.60	3.51	2.98	3.70	22.40	ppb
Tin	118-1	0.07	0.09	0.07	0.08	15.59	ppb
Titanium	47-1	0.49	0.50	0.40	0.46	12.37	ppb
Uranium	238-1	0.02	0.03	0.03	0.02	31.50	ppb
Vanadium	51-2	0.11	0.12	0.12	0.12	5.84	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16LX5	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRL	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 19:41:54	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.66	2.66	2.69	2.67	0.72	ppb
Zirconium	90-1	0.05	0.03	0.04	0.04	24.39	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	8.15	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-17	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRMS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:45:28	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9185.22	8537.71	8769.06	8830.66	3.72	ppb
Antimony	121-1	485.62	520.97	500.97	502.52	3.53	ppb
Arsenic	75-2	563.15	519.97	527.40	536.84	4.30	ppb
Barium	135-1	2335.67	2520.61	2435.38	2430.56	3.81	ppb
Barium	137-1	2315.47	2478.11	2408.30	2400.63	3.40	ppb
Beryllium	9-1	453.87	472.32	466.52	464.23	2.03	ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	10-1	453.15	482.67	465.20	467.01	3.18	ppb
Boron	11-1	458.55	480.58	472.02	470.38	2.36	ppb
Cadmium	111-1	460.55	493.14	483.99	479.23	3.51	ppb
Cadmium	106-1	439.72	485.22	466.56	463.84	4.93	ppb
Cadmium	108-1	464.83	482.59	461.20	469.54	2.44	ppb
Calcium	43-1	75957.82	80264.06	79050.16	78424.01	2.83	ppb
Calcium	44-1	78477.69	83403.52	80666.77	80849.33	3.05	ppb
Chromium	52-2	567.95	534.93	538.58	547.15	3.31	ppb
Cobalt	59-2	594.81	554.81	570.97	573.53	3.51	ppb
Copper	63-2	1180.57	1113.67	1149.82	1148.02	2.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				86		%
Iron	56-2	92708.25	87208.66	88353.81	89423.57	3.24	ppb
Iron	57-2	91043.59	85063.28	86848.42	87651.77	3.50	ppb
Krypton	83-1						cps
Lead	206-1	512.82	544.91	523.10	526.95	3.11	ppb
Lead	207-1	519.34	543.50	529.70	530.85	2.28	ppb
Lead	208-1	504.27	527.72	514.07	515.36	2.29	ppb
Lithium	6-1				92		%
Magnesium	24-2	57021.16	53552.66	53870.87	54814.90	3.50	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-17	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRMS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:45:28	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7410.21	6927.42	7063.30	7133.64	3.49	ppb
Molybdenum	94-1	2277.03	2429.98	2363.67	2356.90	3.25	ppb
Molybdenum	95-1	2404.06	2532.26	2494.75	2477.02	2.66	ppb
Molybdenum	96-1	2378.49	2580.38	2502.79	2487.22	4.09	ppb
Molybdenum	97-1	2331.30	2493.90	2414.65	2413.28	3.37	ppb
Molybdenum	98-1	2363.46	2569.01	2492.71	2475.06	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	595.80	561.79	575.66	577.75	2.96	ppb
Phosphorus	31-2	101.75	-104.20	40.79	12.78	827.65	ppb
Potassium	39-2	24361.51	22787.15	23083.46	23410.71	3.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	496.71	441.70	491.16	476.52	6.35	ppb
Selenium	78-2	502.44	445.68	463.12	470.41	6.18	ppb
Selenium	82-1	460.90	489.75	483.72	478.12	3.18	ppb
Silicon	28-1	5199.19	5500.61	5316.09	5338.63	2.85	ppb
Silver	109-1	445.36	472.55	467.23	461.71	3.12	ppb
Silver	107-1	432.69	469.39	448.84	450.31	4.08	ppb
Sodium	23-2	53653.85	50827.69	51898.69	52126.74	2.74	ppb
Strontium	86-1	729.44	775.87	758.96	754.75	3.11	ppb
Strontium	88-1	739.38	788.19	765.87	764.48	3.20	ppb
Sulfur	34-1	-84867.91	-71108.22	-85003.66	-80326.60		ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	500.10	535.71	522.93	519.58	3.47	ppb
Thallium	205-1	480.83	512.50	530.80	508.04	4.98	ppb
Thorium	232-1	22.74	26.54	21.57	23.61	11.01	ppb
Tin	118-1	472.59	507.79	491.47	490.62	3.59	ppb
Titanium	47-1	2516.61	2664.72	2565.84	2582.39	2.92	ppb
Uranium	238-1	496.78	527.16	519.25	514.40	3.06	ppb
Vanadium	51-2	556.97	520.61	532.70	536.76	3.45	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-17	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRMS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:45:28	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	992.46	938.11	947.67	959.41	3.02	ppb
Zirconium	90-1	460.67	493.05	479.67	477.80	3.41	ppb
Zirconium	91-1	462.37	497.13	478.28	479.26	3.63	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-18	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:49:03	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8771.64	9073.12	9333.97	9059.58	3.11	ppb
Antimony	121-1	514.37	505.99	507.25	509.20	0.89	ppb
Arsenic	75-2	541.08	553.81	550.55	548.48	1.21	ppb
Barium	135-1	2483.30	2468.64	2458.01	2469.98	0.51	ppb
Barium	137-1	2431.87	2472.89	2449.59	2451.45	0.84	ppb
Beryllium	9-1	465.69	460.10	462.40	462.73	0.61	ppb
Bismuth	209-1				96		%
Bismuth	209-2				88		%
Boron	10-1	469.98	480.63	483.21	477.94	1.47	ppb
Boron	11-1	480.79	483.14	484.15	482.69	0.36	ppb
Cadmium	111-1	485.34	478.76	486.46	483.52	0.86	ppb
Cadmium	106-1	477.28	468.60	468.65	471.51	1.06	ppb
Cadmium	108-1	478.95	469.54	474.37	474.29	0.99	ppb
Calcium	43-1	80234.86	79380.87	79522.46	79712.73	0.57	ppb
Calcium	44-1	81565.60	81081.14	82685.17	81777.30	1.01	ppb
Chromium	52-2	548.75	580.69	575.81	568.42	3.03	ppb
Cobalt	59-2	580.08	610.40	608.89	599.79	2.85	ppb
Copper	63-2	1147.32	1206.25	1205.88	1186.48	2.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				84		%
Iron	56-2	90204.19	94810.24	94775.58	93263.34	2.84	ppb
Iron	57-2	89213.64	92948.60	92812.04	91658.09	2.31	ppb
Krypton	83-1						cps
Lead	206-1	529.13	528.39	537.20	531.57	0.92	ppb
Lead	207-1	537.52	537.44	538.47	537.81	0.11	ppb
Lead	208-1	524.93	522.02	528.91	525.29	0.66	ppb
Lithium	6-1				93		%
Magnesium	24-2	55036.42	57190.14	57823.62	56683.39	2.58	ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : K5588-18 Instrumnet Name : P7
 Client Sample ID : FA19-MAMW34SRMSD Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 19:49:03 DataFile Name : 074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7169.73	7478.09	7531.27	7393.03	2.64	ppb
Molybdenum	94-1	2401.73	2393.97	2370.74	2388.81	0.67	ppb
Molybdenum	95-1	2509.20	2498.53	2466.31	2491.35	0.90	ppb
Molybdenum	96-1	2510.20	2516.20	2495.93	2507.44	0.42	ppb
Molybdenum	97-1	2430.62	2432.45	2451.70	2438.26	0.48	ppb
Molybdenum	98-1	2518.58	2492.95	2487.45	2499.66	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	582.85	611.88	618.65	604.46	3.15	ppb
Phosphorus	31-2	87.82	3.19	-219.27	-42.76		ppb
Potassium	39-2	23415.14	24371.92	24715.52	24167.53	2.79	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	489.34	472.97	470.66	477.66	2.13	ppb
Selenium	78-2	477.80	465.29	500.26	481.12	3.68	ppb
Selenium	82-1	480.46	486.55	477.92	481.65	0.92	ppb
Silicon	28-1	5490.52	5419.29	5493.42	5467.75	0.77	ppb
Silver	109-1	472.90	469.09	468.35	470.11	0.52	ppb
Silver	107-1	454.22	454.94	455.08	454.75	0.10	ppb
Sodium	23-2	52808.00	54827.03	55209.04	54281.36	2.38	ppb
Strontium	86-1	757.52	751.12	764.43	757.69	0.88	ppb
Strontium	88-1	774.86	757.68	776.34	769.62	1.35	ppb
Sulfur	34-1	-74324.31	-77905.50	-76901.47	-76377.09		ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	528.41	528.55	531.10	529.35	0.29	ppb
Thallium	205-1	500.06	495.21	499.31	498.19	0.52	ppb
Thorium	232-1	21.50	16.81	15.46	17.93	17.69	ppb
Tin	118-1	501.82	495.27	501.80	499.63	0.76	ppb
Titanium	47-1	2632.41	2639.63	2628.31	2633.45	0.22	ppb
Uranium	238-1	530.43	523.50	531.39	528.44	0.81	ppb
Vanadium	51-2	539.92	563.72	564.37	556.00	2.51	ppb
Yttrium	89-1				101		%
Yttrium	89-2				91		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-18	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:49:03	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	962.45	1013.47	1011.89	995.93	2.91	ppb
Zirconium	90-1	483.14	480.38	477.64	480.39	0.57	ppb
Zirconium	91-1	489.28	490.18	484.14	487.87	0.67	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16A	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRA	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:52:37	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8573.58	8921.97	8710.40	8735.32	2.01	ppb
Antimony	121-1	498.86	513.36	513.71	508.65	1.67	ppb
Arsenic	75-2	527.52	550.94	540.17	539.54	2.17	ppb
Barium	135-1	2436.87	2479.18	2499.94	2472.00	1.30	ppb
Barium	137-1	2402.07	2466.35	2502.52	2456.98	2.07	ppb
Beryllium	9-1	459.57	466.56	459.71	461.95	0.86	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Boron	10-1	475.97	493.65	485.90	485.17	1.83	ppb
Boron	11-1	475.56	490.31	492.50	486.12	1.90	ppb
Cadmium	111-1	474.27	478.46	476.46	476.40	0.44	ppb
Cadmium	106-1	462.07	466.82	477.11	468.67	1.64	ppb
Cadmium	108-1	474.08	473.29	484.93	477.44	1.36	ppb
Calcium	43-1	77744.31	79297.94	79308.85	78783.70	1.14	ppb
Calcium	44-1	79676.31	82126.88	81381.78	81061.65	1.55	ppb
Chromium	52-2	535.20	552.24	548.74	545.39	1.65	ppb
Cobalt	59-2	571.84	590.87	571.89	578.20	1.90	ppb
Copper	63-2	1122.30	1168.92	1156.45	1149.23	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				86		%
Iron	56-2	88510.35	91106.71	90539.62	90052.23	1.52	ppb
Iron	57-2	86789.22	89051.43	87708.21	87849.62	1.30	ppb
Krypton	83-1						cps
Lead	206-1	526.02	546.87	536.15	536.34	1.94	ppb
Lead	207-1	529.03	551.30	550.40	543.58	2.32	ppb
Lead	208-1	513.96	536.85	533.13	527.98	2.33	ppb
Lithium	6-1				93		%
Magnesium	24-2	53616.79	56633.87	54229.04	54826.57	2.91	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16A	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRA	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:52:37	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6985.97	7211.47	7138.40	7111.95	1.62	ppb
Molybdenum	94-1	2365.05	2382.61	2391.72	2379.79	0.57	ppb
Molybdenum	95-1	2446.13	2502.47	2512.72	2487.10	1.44	ppb
Molybdenum	96-1	2502.85	2494.72	2526.21	2507.93	0.65	ppb
Molybdenum	97-1	2413.84	2452.39	2426.59	2430.94	0.81	ppb
Molybdenum	98-1	2513.08	2503.08	2485.65	2500.60	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	576.74	595.28	581.09	584.37	1.66	ppb
Phosphorus	31-2	-91.55	245.41	-193.16	-13.10		ppb
Potassium	39-2	22665.21	23966.50	23350.44	23327.39	2.79	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	77-2	451.83	488.00	475.78	471.87	3.90	ppb
Selenium	78-2	479.77	461.22	480.62	473.87	2.31	ppb
Selenium	82-1	479.57	481.93	481.11	480.87	0.25	ppb
Silicon	28-1	5274.75	5439.45	5364.45	5359.55	1.54	ppb
Silver	109-1	457.88	464.64	470.28	464.27	1.34	ppb
Silver	107-1	448.17	458.31	460.02	455.50	1.41	ppb
Sodium	23-2	50668.59	53388.32	52155.93	52070.95	2.62	ppb
Strontium	86-1	755.21	760.11	755.64	756.99	0.36	ppb
Strontium	88-1	763.73	778.07	772.26	771.35	0.94	ppb
Sulfur	34-1	-87172.80	-79202.48	-86975.62	-84450.30		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	517.16	541.08	534.77	531.00	2.34	ppb
Thallium	205-1	500.74	510.80	511.44	507.66	1.18	ppb
Thorium	232-1	13.79	18.35	14.38	15.51	15.99	ppb
Tin	118-1	487.23	498.12	503.24	496.20	1.65	ppb
Titanium	47-1	2561.75	2600.67	2569.10	2577.17	0.80	ppb
Uranium	238-1	515.07	537.88	529.14	527.36	2.18	ppb
Vanadium	51-2	526.27	545.88	538.88	537.01	1.85	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16A	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRA	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:52:37	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	937.32	989.00	959.26	961.86	2.70	ppb
Zirconium	90-1	479.24	477.00	484.55	480.26	0.81	ppb
Zirconium	91-1	488.47	493.74	483.74	488.65	1.02	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:56:13	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.33	69.19	53.15	59.89	13.89	ppb
Antimony	121-1	0.26	0.31	0.25	0.28	11.57	ppb
Arsenic	75-2	471.16	474.48	472.69	472.77	0.35	ppb
Barium	135-1	0.25	0.27	0.31	0.28	11.67	ppb
Barium	137-1	0.23	0.34	0.26	0.27	20.32	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	2.90	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Boron	10-1	22.47	24.72	21.23	22.81	7.75	ppb
Boron	11-1	24.25	23.90	20.53	22.89	8.98	ppb
Cadmium	111-1	0.15	0.07	0.08	0.10	45.37	ppb
Cadmium	106-1	0.73	0.02	0.21	0.32	114.27	ppb
Cadmium	108-1	0.23	0.11	0.10	0.15	47.71	ppb
Calcium	43-1	95.78	90.61	95.75	94.04	3.17	ppb
Calcium	44-1	80.92	91.29	85.15	85.79	6.08	ppb
Chromium	52-2	514.30	519.90	513.04	515.75	0.71	ppb
Cobalt	59-2	0.91	0.88	0.97	0.92	5.13	ppb
Copper	63-2	2.46	2.24	2.38	2.36	4.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	128634.97	129272.99	127086.07	128331.34	0.88	ppb
Iron	57-2	124598.60	125282.08	123420.73	124433.80	0.76	ppb
Krypton	83-1						cps
Lead	206-1	489.12	529.69	487.95	502.25	4.73	ppb
Lead	207-1	503.75	545.55	492.23	513.85	5.46	ppb
Lead	208-1	487.94	525.79	480.55	498.09	4.87	ppb
Lithium	6-1				91		%
Magnesium	24-2	250033.68	252090.62	248632.02	250252.11	0.70	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:56:13	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1042.28	1046.23	1029.35	1039.29	0.85	ppb
Molybdenum	94-1	1.02	1.19	1.20	1.14	8.97	ppb
Molybdenum	95-1	1.45	1.67	1.44	1.52	8.68	ppb
Molybdenum	96-1	2.52	2.68	2.55	2.58	3.30	ppb
Molybdenum	97-1	1.67	1.82	1.46	1.65	10.82	ppb
Molybdenum	98-1	1.38	1.58	1.48	1.48	6.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.40	8.54	8.56	8.50	1.05	ppb
Phosphorus	31-2	-335.88	-260.29	-226.39	-274.19		ppb
Potassium	39-2	7.88	12.37	12.27	10.84	23.66	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.94	0.00	0.31	173.21	ppb
Selenium	78-2	0.64	0.05	-0.13	0.18	217.61	ppb
Selenium	82-1	-1.18	0.54	0.34	-0.10		ppb
Silicon	28-1	8.66	10.56	8.33	9.18	13.12	ppb
Silver	109-1	0.06	0.05	0.05	0.05	7.84	ppb
Silver	107-1	0.04	0.06	0.05	0.05	17.21	ppb
Sodium	23-2	65.78	67.76	70.17	67.90	3.23	ppb
Strontium	86-1	-0.02	0.19	0.00	0.06	200.84	ppb
Strontium	88-1	0.06	0.07	0.06	0.06	3.93	ppb
Sulfur	34-1	-62226.19	-29305.30	-51248.57	-47593.35		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.20	0.17	0.16	0.18	13.09	ppb
Thallium	205-1	0.19	0.18	0.15	0.17	10.66	ppb
Thorium	232-1	0.99	0.81	0.15	0.65	68.24	ppb
Tin	118-1	0.07	0.08	0.09	0.08	11.51	ppb
Titanium	47-1	0.19	0.12	0.27	0.19	40.37	ppb
Uranium	238-1	0.03	0.05	0.03	0.04	26.26	ppb
Vanadium	51-2	0.08	0.11	0.13	0.11	24.65	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:56:13	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.97	7.19	6.30	6.48	9.71	ppb
Zirconium	90-1	0.02	0.05	0.04	0.04	35.74	ppb
Zirconium	91-1	0.25	0.21	0.13	0.20	30.64	ppb

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : CCB11 Instrumnet Name : P7
 Client Sample ID : CCB11 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 19:59:48 DataFile Name : 077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	-0.26	-0.46	-0.26		ppb
Antimony	121-1	0.01	0.02	0.03	0.02	44.05	ppb
Arsenic	75-2	0.08	0.06	0.11	0.08	28.03	ppb
Barium	135-1	0.04	0.03	0.00	0.02	84.26	ppb
Barium	137-1	0.06	0.08	0.05	0.06	26.31	ppb
Beryllium	9-1	0.04	0.03	0.08	0.05	50.06	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	13.48	11.84	12.92	12.75	6.56	ppb
Boron	11-1	11.96	12.18	11.27	11.80	4.02	ppb
Cadmium	111-1	0.04	-0.02	0.09	0.04	145.03	ppb
Cadmium	106-1	-0.08	-0.93	0.59	-0.14		ppb
Cadmium	108-1	0.24	0.02	-0.03	0.08	190.99	ppb
Calcium	43-1	4.33	3.98	6.80	5.04	30.53	ppb
Calcium	44-1	1.25	2.10	1.75	1.70	25.06	ppb
Chromium	52-2	-0.11	-0.12	-0.14	-0.12		ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	0.11	0.11	0.12	0.12	3.87	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				94		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	7.26	7.58	7.59	7.48	2.48	ppb
Iron	57-2	5.54	5.03	4.49	5.02	10.42	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.08	0.09	0.11	32.75	ppb
Lead	207-1	0.10	0.09	0.11	0.10	10.84	ppb
Lead	208-1	0.12	0.09	0.10	0.10	13.25	ppb
Lithium	6-1				90		%
Magnesium	24-2	8.90	8.47	8.85	8.74	2.66	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:59:48	DataFile Name :	077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.30	0.22	0.16	0.23	30.61	ppb
Molybdenum	94-1	0.04	0.09	0.07	0.07	37.30	ppb
Molybdenum	95-1	0.06	0.05	0.09	0.06	31.38	ppb
Molybdenum	96-1	0.10	0.06	0.10	0.09	25.67	ppb
Molybdenum	97-1	0.09	0.09	0.09	0.09	4.11	ppb
Molybdenum	98-1	0.10	0.10	0.12	0.11	8.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	-0.02	-0.03		ppb
Phosphorus	31-2	-8.39	-295.55	-190.65	-164.86		ppb
Potassium	39-2	-4.87	3.13	-1.72	-1.15		ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	77-2	0.93	0.00	0.00	0.31	173.21	ppb
Selenium	78-2	-0.29	0.05	-0.58	-0.27		ppb
Selenium	82-1	0.40	-1.11	-0.29	-0.33		ppb
Silicon	28-1	-0.31	0.53	0.93	0.38	164.32	ppb
Silver	109-1	0.03	0.02	0.02	0.02	16.17	ppb
Silver	107-1	0.03	0.03	0.02	0.03	22.16	ppb
Sodium	23-2	25.38	27.34	25.54	26.08	4.17	ppb
Strontium	86-1	0.05	-0.02	-0.09	-0.02		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	45.85	ppb
Sulfur	34-1	-48512.89	-45888.95	-47248.53	-47216.79		ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	0.04	0.05	0.01	0.03	49.92	ppb
Thallium	205-1	0.05	0.05	0.03	0.04	32.44	ppb
Thorium	232-1	1.46	-0.31	3.62	1.59	123.81	ppb
Tin	118-1	0.07	0.03	0.03	0.04	58.58	ppb
Titanium	47-1	0.11	0.24	0.14	0.16	43.52	ppb
Uranium	238-1	0.04	0.02	0.02	0.03	23.23	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	33.53	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:59:48	DataFile Name :	077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.19	0.25	0.29	0.24	21.76	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	45.64	ppb
Zirconium	91-1	0.02	-0.01	-0.01	0.00	466.98	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-19	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW40SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:03:23	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.39	58.69	63.36	59.48	5.97	ppb
Antimony	121-1	0.65	0.73	0.74	0.71	6.88	ppb
Arsenic	75-2	17.48	16.03	16.21	16.57	4.77	ppb
Barium	135-1	25.45	25.25	25.56	25.42	0.62	ppb
Barium	137-1	24.74	25.36	25.11	25.07	1.25	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	29.40	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	13.92	13.47	14.56	13.99	3.92	ppb
Boron	11-1	14.14	14.45	13.64	14.08	2.93	ppb
Cadmium	111-1	0.26	0.20	0.25	0.23	13.51	ppb
Cadmium	106-1	0.25	0.12	0.40	0.25	55.22	ppb
Cadmium	108-1	0.10	0.19	0.19	0.16	31.97	ppb
Calcium	43-1	16232.45	16418.99	16088.02	16246.49	1.02	ppb
Calcium	44-1	15915.97	16080.03	15901.26	15965.75	0.62	ppb
Chromium	52-2	1.49	1.31	1.39	1.40	6.58	ppb
Cobalt	59-2	36.45	36.72	37.79	36.98	1.91	ppb
Copper	63-2	8.24	8.49	8.43	8.39	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				88		%
Iron	56-2	41124.95	41744.20	42071.54	41646.90	1.15	ppb
Iron	57-2	39974.67	40932.62	41190.28	40699.19	1.57	ppb
Krypton	83-1						cps
Lead	206-1	2.43	2.45	2.54	2.47	2.47	ppb
Lead	207-1	2.22	2.37	2.38	2.32	3.80	ppb
Lead	208-1	2.33	2.39	2.41	2.38	1.75	ppb
Lithium	6-1				88		%
Magnesium	24-2	4529.88	4565.44	4663.13	4586.15	1.50	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-19	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW40SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:03:23	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6714.36	6809.63	7000.00	6841.33	2.13	ppb
Molybdenum	94-1	0.87	0.92	0.91	0.90	2.70	ppb
Molybdenum	95-1	0.69	0.61	0.67	0.66	6.68	ppb
Molybdenum	96-1	0.83	1.06	1.10	0.99	14.62	ppb
Molybdenum	97-1	0.56	0.59	0.54	0.57	4.63	ppb
Molybdenum	98-1	0.48	0.55	0.55	0.53	7.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.54	20.68	21.75	21.32	2.64	ppb
Phosphorus	31-2	117.32	272.44	-19.77	123.33	118.54	ppb
Potassium	39-2	559.02	596.80	604.13	586.65	4.13	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				84		%
Selenium	77-2	2.85	2.81	2.84	2.83	0.82	ppb
Selenium	78-2	0.70	0.65	0.38	0.58	30.21	ppb
Selenium	82-1	0.31	0.24	-0.30	0.08	400.03	ppb
Silicon	28-1	4136.28	4245.83	4098.74	4160.29	1.84	ppb
Silver	109-1	0.14	0.13	0.13	0.13	5.91	ppb
Silver	107-1	0.14	0.11	0.12	0.12	11.53	ppb
Sodium	23-2	1898.05	1936.03	1948.39	1927.49	1.36	ppb
Strontium	86-1	129.99	131.18	134.15	131.77	1.63	ppb
Strontium	88-1	126.06	130.65	130.48	129.06	2.02	ppb
Sulfur	34-1	-60384.11	-58020.46	-67252.78	-61885.78		ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	0.12	0.12	0.11	0.12	4.53	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	6.54	ppb
Thorium	232-1	21.41	29.52	30.40	27.11	18.28	ppb
Tin	118-1	1.41	1.51	1.58	1.50	5.79	ppb
Titanium	47-1	2.32	1.86	2.12	2.10	10.95	ppb
Uranium	238-1	0.07	0.07	0.08	0.07	11.12	ppb
Vanadium	51-2	0.49	0.47	0.48	0.48	2.34	ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-19	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW40SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:03:23	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.14	11.92	11.68	11.91	1.93	ppb
Zirconium	90-1	0.28	0.43	0.24	0.32	32.50	ppb
Zirconium	91-1	0.25	0.31	0.27	0.28	12.25	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:06:58	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.11	58.05	58.85	57.01	4.45	ppb
Antimony	121-1	0.29	0.21	0.26	0.25	15.59	ppb
Arsenic	75-2	472.08	463.87	462.39	466.12	1.12	ppb
Barium	135-1	0.15	0.14	0.18	0.15	14.34	ppb
Barium	137-1	0.18	0.21	0.17	0.19	11.02	ppb
Beryllium	9-1	0.00	0.03	0.00	0.01	116.10	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Boron	10-1	7.38	6.73	6.51	6.88	6.61	ppb
Boron	11-1	7.42	7.79	6.91	7.37	6.00	ppb
Cadmium	111-1	0.02	-0.01	0.02	0.01	172.44	ppb
Cadmium	106-1	-0.12	-0.55	-0.07	-0.24		ppb
Cadmium	108-1	0.02	0.15	0.20	0.12	78.19	ppb
Calcium	43-1	92.03	91.01	95.08	92.70	2.28	ppb
Calcium	44-1	83.16	81.37	82.43	82.32	1.09	ppb
Chromium	52-2	510.57	511.02	511.29	510.96	0.07	ppb
Cobalt	59-2	0.85	0.80	0.86	0.84	3.75	ppb
Copper	63-2	2.43	2.25	2.28	2.32	4.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	128611.63	126847.24	127650.59	127703.16	0.69	ppb
Iron	57-2	123774.17	122784.86	122665.90	123074.98	0.49	ppb
Krypton	83-1						cps
Lead	206-1	496.63	486.09	489.82	490.85	1.09	ppb
Lead	207-1	504.87	503.32	496.53	501.57	0.88	ppb
Lead	208-1	488.41	483.44	484.03	485.29	0.56	ppb
Lithium	6-1				89		%
Magnesium	24-2	246617.93	245062.62	244959.13	245546.56	0.38	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:06:58	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1036.54	1029.90	1028.01	1031.48	0.43	ppb
Molybdenum	94-1	0.88	0.85	1.01	0.91	8.95	ppb
Molybdenum	95-1	1.07	1.23	1.20	1.17	7.15	ppb
Molybdenum	96-1	2.37	2.38	2.23	2.32	3.69	ppb
Molybdenum	97-1	1.24	1.33	1.21	1.26	4.81	ppb
Molybdenum	98-1	1.17	1.23	1.21	1.20	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.42	7.90	8.14	8.15	3.20	ppb
Phosphorus	31-2	-151.04	-227.97	-371.24	-250.08		ppb
Potassium	39-2	13.68	8.72	7.75	10.05	31.64	ppb
Rhodium	103-1				92		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	1.85	0.62	173.21	ppb
Selenium	78-2	-0.42	0.00	-0.30	-0.24		ppb
Selenium	82-1	0.46	0.67	-0.02	0.37	95.85	ppb
Silicon	28-1	3.86	3.86	4.15	3.95	4.18	ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.65	ppb
Silver	107-1	0.02	0.03	0.02	0.02	24.12	ppb
Sodium	23-2	58.53	62.18	60.45	60.39	3.03	ppb
Strontium	86-1	-0.04	0.09	0.11	0.05	156.85	ppb
Strontium	88-1	0.04	0.04	0.03	0.03	15.68	ppb
Sulfur	34-1	-40712.14	-46121.77	-44122.14	-43652.02		ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.08	0.07	0.06	58.53	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	5.99	ppb
Thorium	232-1	2.08	0.97	1.58	1.54	35.97	ppb
Tin	118-1	0.04	0.04	0.05	0.04	15.59	ppb
Titanium	47-1	0.02	0.03	0.18	0.08	115.76	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	32.18	ppb
Vanadium	51-2	0.06	0.08	0.07	0.07	10.90	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:06:58	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.71	6.60	6.75	6.69	1.14	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	645.31	ppb
Zirconium	91-1	0.17	0.22	0.21	0.20	15.07	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:10:33	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	-0.46	-0.26	-0.39		ppb
Antimony	121-1	0.00	0.02	0.01	0.01	104.09	ppb
Arsenic	75-2	0.03	0.00	0.08	0.04	101.75	ppb
Barium	135-1	-0.03	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.01	-0.01	0.00	0.00	822.84	ppb
Beryllium	9-1	0.03	0.01	0.00	0.01	92.94	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	5.99	5.61	4.44	5.35	15.13	ppb
Boron	11-1	5.31	5.27	5.55	5.38	2.85	ppb
Cadmium	111-1	-0.04	0.02	0.04	0.01	661.00	ppb
Cadmium	106-1	-0.74	-0.19	0.24	-0.23		ppb
Cadmium	108-1	-0.03	0.02	-0.03	-0.01		ppb
Calcium	43-1	1.83	0.14	3.60	1.86	92.98	ppb
Calcium	44-1	-1.37	-1.14	-1.57	-1.36		ppb
Chromium	52-2	-0.15	-0.17	-0.15	-0.16		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.07	0.10	0.06	0.08	29.42	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				93		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	4.82	5.03	5.24	5.03	4.17	ppb
Iron	57-2	3.51	5.88	5.21	4.87	25.05	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.09	0.09	5.12	ppb
Lead	207-1	0.09	0.10	0.09	0.10	8.53	ppb
Lead	208-1	0.09	0.09	0.09	0.09	1.16	ppb
Lithium	6-1				87		%
Magnesium	24-2	6.45	5.02	6.47	5.98	13.90	ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:10:33	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.24	0.19	0.18	0.21	13.88	ppb
Molybdenum	94-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.01	0.02	0.00	0.01	81.54	ppb
Molybdenum	96-1	0.01	0.02	0.03	0.02	61.51	ppb
Molybdenum	97-1	0.00	0.02	0.02	0.01	69.42	ppb
Molybdenum	98-1	0.01	0.02	0.03	0.02	39.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-295.41	-329.49	-255.92	-293.61		ppb
Potassium	39-2	-2.12	2.15	-2.31	-0.76		ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	0.96	0.00	0.00	0.32	173.21	ppb
Selenium	78-2	0.41	1.05	0.35	0.60	64.09	ppb
Selenium	82-1	0.88	-0.02	0.47	0.44	101.89	ppb
Silicon	28-1	-0.24	-0.61	-0.24	-0.36		ppb
Silver	109-1	0.02	0.02	0.02	0.02	16.69	ppb
Silver	107-1	0.03	0.02	0.02	0.02	25.45	ppb
Sodium	23-2	26.12	25.61	24.27	25.33	3.77	ppb
Strontium	86-1	-0.05	0.00	0.12	0.02	389.27	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	40.34	ppb
Sulfur	34-1	-28241.64	-31963.29	-28002.95	-29402.63		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Thorium	232-1	1.25	3.79	2.93	2.66	48.65	ppb
Tin	118-1	0.02	0.04	0.04	0.03	31.55	ppb
Titanium	47-1	0.06	0.02	0.05	0.04	47.98	ppb
Uranium	238-1	0.02	0.03	0.04	0.03	37.96	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	70.96	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:10:33	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.10	0.13	0.09	0.11	19.34	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	626.60	ppb
Zirconium	91-1	-0.01	-0.01	-0.02	-0.01		ppb

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 14:59:16	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	33	22	43.28	cps
Antimony	121-1	17	50	33	33	49.99	cps
Arsenic	75-2	2	0	4	2	100.00	cps
Barium	135-1	25	50	50	42	34.64	cps
Barium	137-1	25	25	33	28	17.31	cps
Beryllium	9-1	72	28	50	50	44.44	cps
Bismuth	209-1	1091082	1086959	1079210	1085750	0.56	cps
Bismuth	209-2	612806	611170	603915	609297	0.78	cps
Boron	10-1	467	425	408	433	6.93	cps
Boron	11-1	1583	1875	2042	1834	12.65	cps
Cadmium	111-1	395	329	339	354	10.01	cps
Cadmium	106-1	558	467	467	497	10.64	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Calcium	43-1	83	50	117	83	40.00	cps
Calcium	44-1	3000	3092	3501	3198	8.33	cps
Chromium	52-2	450	487	453	463	4.38	cps
Cobalt	59-2	33	23	53	37	41.66	cps
Copper	63-2	287	243	300	277	10.71	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	23	40	33	32	26.04	cps
Gadolinium	160-1	0	42	17	19	107.85	cps
Gadolinium	160-2	60	37	47	48	24.50	cps
Holmium	165-1	1703256	1701289	1723261	1709269	0.71	cps
Holmium	165-2	822074	821749	808679	817501	0.93	cps
Indium	115-1	1330480	1320887	1333528	1328299	0.50	cps
Indium	115-2	231080	229997	228334	229803	0.60	cps
Iron	56-2	1956	1917	2250	2041	8.93	cps
Iron	57-2	211	183	172	189	10.60	cps
Krypton	83-1	773	760	850	794	6.11	cps
Lead	206-1	533	594	617	582	7.42	cps
Lead	207-1	578	567	506	550	7.07	cps
Lead	208-1	2028	1872	1939	1946	4.01	cps
Lithium	6-1	678543	674362	677614	676839	0.32	cps
Magnesium	24-2	133	183	92	136	33.72	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 14:59:16	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	63	17	47	55.78	cps
Molybdenum	94-1	75	75	75	75	0.00	cps
Molybdenum	95-1	33	17	25	25	33.32	cps
Molybdenum	96-1	75	42	75	64	30.12	cps
Molybdenum	97-1	17	25	25	22	21.64	cps
Molybdenum	98-1	33	17	33	28	34.63	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	7	13	13	11	34.61	cps
Nickel	60-2	23	23	20	22	8.65	cps
Phosphorus	31-2	42	67	58	56	22.91	cps
Potassium	39-2	11088	11763	10854	11235	4.20	cps
Rhodium	103-1	1230967	1229733	1234676	1231792	0.21	cps
Rhodium	103-2	532276	527472	531763	530503	0.50	cps
Scandium	45-1	970253	977011	975208	974157	0.36	cps
Scandium	45-2	34895	35155	34571	34873	0.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	41	24	30	30.20	cps
Selenium	82-1	1	-7	-40	-15	-140.69	cps
Silicon	28-1	124751	126254	126490	125832	0.75	cps
Silver	109-1	33	33	42	36	13.33	cps
Silver	107-1	25	50	17	31	56.77	cps
Sodium	23-2	3184	3634	3784	3534	8.84	cps
Strontium	86-1	1258	1167	1258	1228	4.31	cps
Strontium	88-1	100	67	100	89	21.65	cps
Sulfur	34-1	292128	289129	289384	290213	0.57	cps
Terbium	159-1	1712815	1736325	1758746	1735962	1.32	cps
Terbium	159-2	793485	802562	791269	795772	0.75	cps
Thallium	203-1	475	408	492	458	9.62	cps
Thallium	205-1	633	550	633	606	7.95	cps
Thorium	232-1	1406	1339	1367	1370	2.44	cps
Tin	118-1	375	300	317	331	11.91	cps
Titanium	47-1	25	58	17	33	66.14	cps
Uranium	238-1	1784	1684	1659	1709	3.87	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	1435396	1480050	1465050	1460165	1.56	cps
Yttrium	89-2	178614	178531	177346	178164	0.40	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 14:59:16	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	47	50	47	48	4.02	cps
Zirconium	90-1	167	158	100	142	25.64	cps
Zirconium	91-1	17	50	42	36	48.03	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:06:48	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	900	933	1000	945	5.39	cps
Antimony	121-1	9353	9195	9253	9267	0.86	cps
Arsenic	75-2	122	131	137	130	5.75	cps
Barium	135-1	11472	12414	12339	12075	4.34	cps
Barium	137-1	21309	21250	20441	21000	2.31	cps
Beryllium	9-1	1956	1717	1700	1791	7.98	cps
Bismuth	209-1	1074480	1069763	1085852	1076698	0.77	cps
Bismuth	209-2	593052	604806	592509	596789	1.16	cps
Boron	10-1	6627	6343	7085	6685	5.60	cps
Boron	11-1	31734	31759	31383	31626	0.66	cps
Cadmium	111-1	1671	1620	1693	1661	2.26	cps
Cadmium	106-1	558	750	683	664	14.66	cps
Cadmium	108-1	58	79	63	67	16.54	cps
Calcium	43-1	9062	8619	7994	8558	6.27	cps
Calcium	44-1	139203	142424	142793	141473	1.40	cps
Chromium	52-2	3137	3027	3017	3060	2.18	cps
Cobalt	59-2	2127	2127	2040	2098	2.39	cps
Copper	63-2	3167	3217	3224	3203	0.97	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	17	10	20	16	32.73	cps
Erbium	164-1	17	42	50	36	48.03	cps
Erbium	164-2	30	33	23	29	17.63	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	50	27	33	37	32.78	cps
Holmium	165-1	1732859	1687237	1704397	1708164	1.35	cps
Holmium	165-2	797609	809240	801800	802883	0.73	cps
Indium	115-1	1322585	1319931	1317812	1320109	0.18	cps
Indium	115-2	221178	222336	223038	222184	0.42	cps
Iron	56-2	59515	58807	59208	59177	0.60	cps
Iron	57-2	1761	1467	1645	1624	9.13	cps
Krypton	83-1	780	787	727	764	4.30	cps
Lead	206-1	4373	4534	4340	4416	2.36	cps
Lead	207-1	4029	3634	3756	3806	5.31	cps
Lead	208-1	17266	17205	17399	17290	0.58	cps
Lithium	6-1	677182	681661	681609	680151	0.38	cps
Magnesium	24-2	59870	59929	57612	59137	2.23	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 15:06:48 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	977	877	820	891	8.90	cps
Molybdenum	94-1	10037	9971	10296	10101	1.70	cps
Molybdenum	95-1	12965	12422	12648	12678	2.15	cps
Molybdenum	96-1	14049	14366	13991	14135	1.43	cps
Molybdenum	97-1	7969	8161	8019	8050	1.24	cps
Molybdenum	98-1	20157	21283	20282	20574	3.00	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	567	460	550	526	10.92	cps
Phosphorus	31-2	167	208	142	172	19.56	cps
Potassium	39-2	59236	60122	58014	59124	1.79	cps
Rhodium	103-1	1225928	1224026	1225795	1225250	0.09	cps
Rhodium	103-2	517111	518627	516178	517305	0.24	cps
Scandium	45-1	954910	965193	956513	958872	0.58	cps
Scandium	45-2	33893	33976	33618	33829	0.55	cps
Selenium	77-2	17	27	17	20	28.86	cps
Selenium	78-2	87	98	81	89	9.55	cps
Selenium	82-1	572	583	622	592	4.41	cps
Silicon	28-1	158969	158026	160781	159259	0.88	cps
Silver	109-1	5743	5768	5910	5807	1.55	cps
Silver	107-1	6027	5785	6043	5952	2.43	cps
Sodium	23-2	113770	114049	116190	114670	1.15	cps
Strontium	86-1	2934	2792	3159	2962	6.25	cps
Strontium	88-1	14950	14650	13974	14524	3.44	cps
Sulfur	34-1	300720	293145	291710	295192	1.64	cps
Terbium	159-1	1733179	1729063	1739784	1734009	0.31	cps
Terbium	159-2	782318	784564	778671	781851	0.38	cps
Thallium	203-1	5060	4935	5360	5118	4.27	cps
Thallium	205-1	11697	11889	11289	11625	2.64	cps
Thorium	232-1	16183	15727	15788	15899	1.56	cps
Tin	118-1	19990	20533	21117	20546	2.74	cps
Titanium	47-1	4042	4392	3792	4076	7.40	cps
Uranium	238-1	16811	16937	17212	16987	1.21	cps
Vanadium	51-2	5521	5625	5584	5577	0.93	cps
Yttrium	89-1	1455922	1446529	1442384	1448278	0.48	cps
Yttrium	89-2	173279	173903	172340	173174	0.45	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:06:48	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	530	653	613	599	10.51	cps
Zirconium	90-1	7669	7861	7811	7780	1.28	cps
Zirconium	91-1	1825	1709	1458	1664	11.26	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 15:10:42 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48262	44986	48078	47109	3.91	cps
Antimony	121-1	221849	223616	224320	223262	0.57	cps
Arsenic	75-2	6928	6967	6917	6937	0.38	cps
Barium	135-1	288014	287092	286845	287317	0.21	cps
Barium	137-1	496084	496325	502037	498149	0.68	cps
Beryllium	9-1	81384	83373	82574	82444	1.21	cps
Bismuth	209-1	1093669	1107848	1052955	1084824	2.63	cps
Bismuth	209-2	607980	580087	622849	603639	3.60	cps
Boron	10-1	14140	13390	14015	13848	2.90	cps
Boron	11-1	58932	62965	63384	61761	3.98	cps
Cadmium	111-1	64702	66450	67358	66170	2.04	cps
Cadmium	106-1	7744	7761	8378	7961	4.54	cps
Cadmium	108-1	5101	5126	5205	5144	1.06	cps
Calcium	43-1	82883	82438	84844	83388	1.54	cps
Calcium	44-1	1346852	1380954	1359534	1362447	1.27	cps
Chromium	52-2	62251	63235	62967	62818	0.81	cps
Cobalt	59-2	100663	101136	99146	100315	1.04	cps
Copper	63-2	137913	138559	137466	137979	0.40	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	13	17	33	21	50.75	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	10	40	33	28	56.71	cps
Gadolinium	160-1	17	8	8	11	43.34	cps
Gadolinium	160-2	53	27	43	41	32.76	cps
Holmium	165-1	1728765	1740030	1675593	1714796	2.01	cps
Holmium	165-2	813838	777143	844178	811719	4.14	cps
Indium	115-1	1327184	1344112	1284659	1318651	2.32	cps
Indium	115-2	227685	215654	235198	226179	4.36	cps
Iron	56-2	2600611	2560043	2573411	2578022	0.80	cps
Iron	57-2	65374	66010	65117	65500	0.70	cps
Krypton	83-1	780	760	843	794	5.48	cps
Lead	206-1	185396	185330	185771	185499	0.13	cps
Lead	207-1	162167	162994	163050	162737	0.30	cps
Lead	208-1	735715	738090	745960	739922	0.72	cps
Lithium	6-1	679963	696785	659835	678861	2.73	cps
Magnesium	24-2	545799	542194	549963	545986	0.71	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:10:42	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73576	73088	74769	73811	1.17	cps
Molybdenum	94-1	494094	494998	496649	495247	0.26	cps
Molybdenum	95-1	617041	622377	621426	620281	0.46	cps
Molybdenum	96-1	679006	680869	687496	682457	0.65	cps
Molybdenum	97-1	378414	384768	387444	383542	1.21	cps
Molybdenum	98-1	978048	991629	983758	984478	0.69	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	13	10	20	14	35.26	cps
Nickel	60-2	25956	26474	25599	26010	1.69	cps
Phosphorus	31-2	292	292	317	300	4.81	cps
Potassium	39-2	241948	242060	244285	242764	0.54	cps
Rhodium	103-1	1226094	1232288	1189248	1215877	1.91	cps
Rhodium	103-2	526008	504208	535502	521906	3.07	cps
Scandium	45-1	963595	975821	938426	959281	1.99	cps
Scandium	45-2	33996	32984	35185	34055	3.24	cps
Selenium	77-2	177	180	197	184	5.81	cps
Selenium	78-2	615	735	670	673	8.95	cps
Selenium	82-1	5528	5590	5627	5581	0.90	cps
Silicon	28-1	384614	390844	394075	389844	1.23	cps
Silver	109-1	281102	292871	288440	287471	2.07	cps
Silver	107-1	301752	300001	297170	299641	0.77	cps
Sodium	23-2	1103217	1095162	1105278	1101219	0.49	cps
Strontium	86-1	77929	78232	77853	78005	0.26	cps
Strontium	88-1	659352	665641	661237	662077	0.49	cps
Sulfur	34-1	289120	289393	284110	287541	1.03	cps
Terbium	159-1	1761207	1802316	1704519	1756014	2.80	cps
Terbium	159-2	792260	760409	819327	790666	3.73	cps
Thallium	203-1	222624	227481	226191	225432	1.12	cps
Thallium	205-1	535249	538307	539790	537782	0.43	cps
Thorium	232-1	3728	3656	3673	3686	1.03	cps
Tin	118-1	195759	201837	197735	198444	1.56	cps
Titanium	47-1	175435	183167	178876	179159	2.16	cps
Uranium	238-1	727818	740892	732304	733671	0.91	cps
Vanadium	51-2	50272	50831	50072	50391	0.78	cps
Yttrium	89-1	1449700	1488587	1423032	1453773	2.27	cps
Yttrium	89-2	177230	168691	178910	174944	3.13	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:10:42	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	21933	21626	22321	21960	1.58	cps
Zirconium	90-1	407720	407994	405849	407187	0.29	cps
Zirconium	91-1	90713	92642	89304	90887	1.84	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 15:14:37 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117560	116830	119661	118017	1.25	cps
Antimony	121-1	566426	557671	560941	561680	0.79	cps
Arsenic	75-2	17561	17355	17205	17373	1.03	cps
Barium	135-1	712961	713363	715660	713995	0.20	cps
Barium	137-1	1237982	1233138	1239818	1236979	0.28	cps
Beryllium	9-1	208716	207911	209538	208722	0.39	cps
Bismuth	209-1	1072724	1022714	1085519	1060319	3.13	cps
Bismuth	209-2	600211	605974	607675	604620	0.65	cps
Boron	10-1	33196	33187	33839	33407	1.12	cps
Boron	11-1	150073	154794	155794	153554	1.99	cps
Cadmium	111-1	166786	164858	163036	164893	1.14	cps
Cadmium	106-1	19239	18830	18454	18841	2.08	cps
Cadmium	108-1	12347	12673	12864	12628	2.07	cps
Calcium	43-1	210244	212796	209562	210868	0.81	cps
Calcium	44-1	3434499	3439548	3404219	3426089	0.56	cps
Chromium	52-2	159351	158631	160429	159470	0.57	cps
Cobalt	59-2	255328	253249	254607	254395	0.42	cps
Copper	63-2	352574	346591	348465	349210	0.88	cps
Dysprosium	156-1	58	25	8	31	83.33	cps
Dysprosium	156-2	43	17	13	24	67.26	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	43	17	30	30	44.43	cps
Gadolinium	160-1	50	8	17	25	88.19	cps
Gadolinium	160-2	43	67	50	53	22.54	cps
Holmium	165-1	1761316	1652281	1739475	1717691	3.36	cps
Holmium	165-2	831732	822658	833760	829383	0.71	cps
Indium	115-1	1363407	1251895	1339942	1318415	4.46	cps
Indium	115-2	230568	225461	230595	228875	1.29	cps
Iron	56-2	6535312	6503344	6499266	6512641	0.30	cps
Iron	57-2	165575	165693	165537	165602	0.05	cps
Krypton	83-1	890	823	887	867	4.33	cps
Lead	206-1	455858	464004	465973	461945	1.16	cps
Lead	207-1	398047	395975	408302	400775	1.65	cps
Lead	208-1	1820407	1820313	1859275	1833332	1.23	cps
Lithium	6-1	690739	651206	686755	676233	3.22	cps
Magnesium	24-2	1388538	1356805	1389615	1378320	1.35	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:14:37	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	187883	185201	187431	186839	0.77	cps
Molybdenum	94-1	1235126	1244113	1242325	1240521	0.38	cps
Molybdenum	95-1	1542845	1529824	1534036	1535568	0.43	cps
Molybdenum	96-1	1670178	1696138	1695435	1687250	0.88	cps
Molybdenum	97-1	942805	962454	946664	950641	1.10	cps
Molybdenum	98-1	2416622	2445127	2428827	2430192	0.59	cps
Neodymium	150-1	40	27	20	29	35.25	cps
Neodymium	150-2	10	3	20	11	75.52	cps
Nickel	60-2	67632	66668	67136	67145	0.72	cps
Phosphorus	31-2	825	683	792	767	9.66	cps
Potassium	39-2	601518	594384	606263	600722	1.00	cps
Rhodium	103-1	1251864	1159922	1234572	1215453	4.02	cps
Rhodium	103-2	536234	531258	531286	532926	0.54	cps
Scandium	45-1	988363	931671	984439	968158	3.27	cps
Scandium	45-2	35590	35486	35389	35488	0.28	cps
Selenium	77-2	480	457	517	484	6.24	cps
Selenium	78-2	1709	1811	1821	1780	3.46	cps
Selenium	82-1	13908	13895	13931	13911	0.13	cps
Silicon	28-1	801219	807370	808980	805857	0.51	cps
Silver	109-1	722527	716744	708217	715829	1.01	cps
Silver	107-1	749020	752631	750650	750767	0.24	cps
Sodium	23-2	2763611	2757641	2786715	2769322	0.55	cps
Strontium	86-1	196082	193737	196669	195496	0.79	cps
Strontium	88-1	1689762	1674078	1682257	1682033	0.47	cps
Sulfur	34-1	280035	280170	277063	279089	0.63	cps
Terbium	159-1	1810370	1674484	1763578	1749477	3.95	cps
Terbium	159-2	812022	802471	811390	808628	0.66	cps
Thallium	203-1	563845	558346	559668	560620	0.51	cps
Thallium	205-1	1333313	1333745	1350988	1339349	0.75	cps
Thorium	232-1	7714	7886	7336	7645	3.68	cps
Tin	118-1	498960	495070	503817	499282	0.88	cps
Titanium	47-1	459276	461084	458709	459689	0.27	cps
Uranium	238-1	1817205	1809072	1812098	1812792	0.23	cps
Vanadium	51-2	129556	127550	129241	128782	0.84	cps
Yttrium	89-1	1499714	1408910	1484247	1464290	3.32	cps
Yttrium	89-2	181058	178899	179072	179676	0.67	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:14:37	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	55572	54870	55258	55233	0.64	cps
Zirconium	90-1	1033983	1040335	1028793	1034370	0.56	cps
Zirconium	91-1	227336	228848	231499	229228	0.92	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:18:30	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	236596	237451	237188	237079	0.18	cps
Antimony	121-1	1135674	1130025	1133568	1133089	0.25	cps
Arsenic	75-2	34762	34786	35753	35100	1.61	cps
Barium	135-1	1427837	1429261	1451434	1436177	0.92	cps
Barium	137-1	2459485	2480664	2503932	2481360	0.90	cps
Beryllium	9-1	417842	416408	420895	418382	0.55	cps
Bismuth	209-1	1085243	1106298	1108051	1099864	1.15	cps
Bismuth	209-2	603815	608513	613004	608444	0.76	cps
Boron	10-1	66606	69075	68105	67928	1.83	cps
Boron	11-1	304737	306452	311939	307709	1.22	cps
Cadmium	111-1	329974	325777	327502	327751	0.64	cps
Cadmium	106-1	37727	36924	36272	36974	1.97	cps
Cadmium	108-1	25185	25373	25331	25296	0.39	cps
Calcium	43-1	431013	434263	424905	430060	1.10	cps
Calcium	44-1	6893682	6873010	6895291	6887328	0.18	cps
Chromium	52-2	319848	318260	317072	318393	0.44	cps
Cobalt	59-2	507092	511110	505954	508052	0.53	cps
Copper	63-2	689697	691257	688668	689874	0.19	cps
Dysprosium	156-1	58	33	50	47	26.97	cps
Dysprosium	156-2	47	40	47	44	8.66	cps
Erbium	164-1	17	58	17	31	78.72	cps
Erbium	164-2	33	10	33	26	52.71	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	60	20	63	48	50.47	cps
Holmium	165-1	1747692	1799105	1782112	1776303	1.47	cps
Holmium	165-2	848648	843364	850460	847491	0.44	cps
Indium	115-1	1348096	1335619	1347684	1343800	0.53	cps
Indium	115-2	230334	227804	232895	230345	1.11	cps
Iron	56-2	13032549	13113263	13166034	13103949	0.51	cps
Iron	57-2	330087	330856	333375	331439	0.52	cps
Krypton	83-1	740	823	780	781	5.34	cps
Lead	206-1	910343	923755	924598	919565	0.87	cps
Lead	207-1	794342	807102	810641	804029	1.07	cps
Lead	208-1	3611734	3678178	3689260	3659724	1.15	cps
Lithium	6-1	685938	688395	692862	689065	0.51	cps
Magnesium	24-2	2756974	2756187	2748699	2753953	0.17	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:18:30	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	374387	367650	373207	371748	0.97	cps
Molybdenum	94-1	2528822	2507930	2546054	2527602	0.76	cps
Molybdenum	95-1	3085234	3059822	3105006	3083354	0.73	cps
Molybdenum	96-1	3396778	3385916	3415331	3399341	0.44	cps
Molybdenum	97-1	1932702	1919156	1902352	1918070	0.79	cps
Molybdenum	98-1	4952700	4913158	4920543	4928800	0.43	cps
Neodymium	150-1	153	120	133	136	12.38	cps
Neodymium	150-2	10	30	10	17	69.28	cps
Nickel	60-2	130220	130727	131891	130946	0.65	cps
Phosphorus	31-2	1617	1542	1367	1508	8.51	cps
Potassium	39-2	1195953	1192627	1186468	1191683	0.40	cps
Rhodium	103-1	1241941	1253560	1252576	1249359	0.52	cps
Rhodium	103-2	540953	535400	534096	536816	0.68	cps
Scandium	45-1	1004908	1005051	1008049	1006003	0.18	cps
Scandium	45-2	35336	35940	35473	35583	0.89	cps
Selenium	77-2	900	1110	863	958	13.90	cps
Selenium	78-2	3374	3550	3562	3496	3.00	cps
Selenium	82-1	28181	27799	28037	28006	0.69	cps
Silicon	28-1	1462903	1480847	1495978	1479909	1.12	cps
Silver	109-1	1431286	1436515	1431247	1433016	0.21	cps
Silver	107-1	1491977	1483874	1482603	1486151	0.34	cps
Sodium	23-2	5545237	5534266	5617349	5565617	0.81	cps
Strontium	86-1	391460	392316	397601	393792	0.84	cps
Strontium	88-1	3295210	3291563	3378392	3321721	1.48	cps
Sulfur	34-1	282634	286819	287191	285548	0.89	cps
Terbium	159-1	1799218	1830603	1823952	1817924	0.91	cps
Terbium	159-2	826026	821164	822793	823328	0.30	cps
Thallium	203-1	1099822	1122963	1119414	1114066	1.12	cps
Thallium	205-1	2606379	2655804	2672281	2644821	1.30	cps
Thorium	232-1	14542	14247	14648	14479	1.43	cps
Tin	118-1	995236	996140	1008513	999963	0.74	cps
Titanium	47-1	918485	920528	929199	922737	0.62	cps
Uranium	238-1	3571223	3625182	3668521	3621642	1.35	cps
Vanadium	51-2	261310	257794	258712	259272	0.70	cps
Yttrium	89-1	1511843	1510837	1520522	1514401	0.35	cps
Yttrium	89-2	183187	182655	183081	182974	0.15	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:18:30	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	109208	108806	109604	109206	0.37	cps
Zirconium	90-1	2073785	2093792	2102361	2089979	0.70	cps
Zirconium	91-1	469156	461148	472658	467654	1.26	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:22:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	480551	478649	478930	479377	0.21	cps
Antimony	121-1	2219219	2241302	2258489	2239670	0.88	cps
Arsenic	75-2	69604	69495	69621	69573	0.10	cps
Barium	135-1	2854197	2853393	2845517	2851036	0.17	cps
Barium	137-1	4858014	4929114	4875480	4887536	0.76	cps
Beryllium	9-1	824046	825016	821559	823541	0.22	cps
Bismuth	209-1	1063779	1077969	1090975	1077574	1.26	cps
Bismuth	209-2	597528	594362	593991	595294	0.33	cps
Boron	10-1	130198	130930	133713	131614	1.41	cps
Boron	11-1	604094	604731	613871	607565	0.90	cps
Cadmium	111-1	644143	651181	650049	648458	0.58	cps
Cadmium	106-1	74622	73643	73433	73899	0.86	cps
Cadmium	108-1	48931	48847	49432	49070	0.65	cps
Calcium	43-1	848248	843141	851691	847693	0.51	cps
Calcium	44-1	13825944	13691624	13613967	13710512	0.78	cps
Chromium	52-2	629550	624717	632583	628950	0.63	cps
Cobalt	59-2	1001602	998585	996050	998746	0.28	cps
Copper	63-2	1348846	1350187	1331008	1343347	0.80	cps
Dysprosium	156-1	117	42	67	75	50.92	cps
Dysprosium	156-2	73	50	73	66	20.55	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	23	40	30	31	26.97	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	40	47	60	49	20.83	cps
Holmium	165-1	1797351	1804463	1787696	1796504	0.47	cps
Holmium	165-2	843800	844513	832700	840338	0.79	cps
Indium	115-1	1302076	1329987	1332303	1321455	1.27	cps
Indium	115-2	221787	221089	221750	221542	0.18	cps
Iron	56-2	26091668	25772166	26051778	25971871	0.67	cps
Iron	57-2	647919	655375	655283	652859	0.66	cps
Krypton	83-1	760	747	790	766	2.90	cps
Lead	206-1	1781978	1814367	1813471	1803272	1.02	cps
Lead	207-1	1581922	1583529	1586133	1583861	0.13	cps
Lead	208-1	7094455	7157676	7185949	7146027	0.66	cps
Lithium	6-1	696225	689181	690289	691898	0.55	cps
Magnesium	24-2	5612420	5533012	5575289	5573574	0.71	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:22:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	738180	740179	737566	738641	0.18	cps
Molybdenum	94-1	4950272	5017560	4972007	4979946	0.69	cps
Molybdenum	95-1	6215257	6260726	6295865	6257283	0.65	cps
Molybdenum	96-1	6960452	6955141	7008834	6974809	0.42	cps
Molybdenum	97-1	3770865	3749080	3787282	3769076	0.51	cps
Molybdenum	98-1	10060389	9896530	10171279	10042732	1.38	cps
Neodymium	150-1	247	240	267	251	5.53	cps
Neodymium	150-2	37	23	13	24	47.91	cps
Nickel	60-2	260297	258690	259670	259552	0.31	cps
Phosphorus	31-2	3117	3067	2675	2953	8.19	cps
Potassium	39-2	2391883	2355942	2351243	2366356	0.94	cps
Rhodium	103-1	1225421	1240512	1235749	1233894	0.63	cps
Rhodium	103-2	530724	525992	529531	528749	0.47	cps
Scandium	45-1	998077	1002011	1002520	1000869	0.24	cps
Scandium	45-2	37070	36325	36221	36539	1.27	cps
Selenium	77-2	2150	1777	2004	1977	9.52	cps
Selenium	78-2	6605	6640	6837	6694	1.86	cps
Selenium	82-1	55103	55390	56022	55505	0.85	cps
Silicon	28-1	2838797	2868693	2886694	2864728	0.84	cps
Silver	109-1	2742451	2770557	2764147	2759052	0.53	cps
Silver	107-1	2883003	2884981	2867335	2878440	0.34	cps
Sodium	23-2	11160890	11154595	11100980	11138822	0.30	cps
Strontium	86-1	775080	781613	781704	779466	0.49	cps
Strontium	88-1	6803031	6670239	6711264	6728178	1.01	cps
Sulfur	34-1	306187	304639	303951	304925	0.38	cps
Terbium	159-1	1814640	1834860	1834849	1828117	0.64	cps
Terbium	159-2	824560	817330	807565	816485	1.04	cps
Thallium	203-1	2186071	2217425	2212511	2205336	0.76	cps
Thallium	205-1	5139995	5198909	5181438	5173447	0.58	cps
Thorium	232-1	25392	24618	25236	25082	1.63	cps
Tin	118-1	1965581	1977842	1996839	1980088	0.80	cps
Titanium	47-1	1829838	1841405	1829496	1833579	0.37	cps
Uranium	238-1	7385158	7421620	7279746	7362174	1.00	cps
Vanadium	51-2	521750	515499	516521	517923	0.65	cps
Yttrium	89-1	1537340	1527787	1533460	1532862	0.31	cps
Yttrium	89-2	182551	181856	181185	181864	0.38	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:22:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	212104	211437	211811	211784	0.16	cps
Zirconium	90-1	4134100	4192144	4170856	4165700	0.70	cps
Zirconium	91-1	937162	928612	931416	932397	0.47	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 15:26:09 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	975600	981215	990261	982358	0.75	cps
Antimony	121-1	4490867	4482014	4410738	4461206	0.98	cps
Arsenic	75-2	144457	142133	145275	143955	1.13	cps
Barium	135-1	5923770	5849885	5796095	5856583	1.09	cps
Barium	137-1	10339009	10104973	10067305	10170429	1.45	cps
Beryllium	9-1	1673710	1683823	1669144	1675559	0.45	cps
Bismuth	209-1	1063318	1071377	1054165	1062953	0.81	cps
Bismuth	209-2	590361	591687	593408	591818	0.26	cps
Boron	10-1	272517	272416	272134	272356	0.07	cps
Boron	11-1	1243717	1235829	1245850	1241799	0.43	cps
Cadmium	111-1	1326023	1321370	1304932	1317441	0.84	cps
Cadmium	106-1	149510	150368	149583	149820	0.32	cps
Cadmium	108-1	101771	99882	99895	100516	1.08	cps
Calcium	43-1	1745357	1765081	1725838	1745425	1.12	cps
Calcium	44-1	28142567	28288209	28032778	28154518	0.46	cps
Chromium	52-2	1304281	1313429	1323461	1313723	0.73	cps
Cobalt	59-2	2044010	2053802	2055865	2051226	0.31	cps
Copper	63-2	2728055	2721050	2751918	2733674	0.59	cps
Dysprosium	156-1	58	133	108	100	38.19	cps
Dysprosium	156-2	77	127	110	104	24.37	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	43	50	30	41	24.77	cps
Gadolinium	160-1	58	25	25	36	53.30	cps
Gadolinium	160-2	50	57	63	57	11.76	cps
Holmium	165-1	1809460	1814711	1811197	1811789	0.15	cps
Holmium	165-2	861064	858426	865500	861663	0.41	cps
Indium	115-1	1288074	1291193	1273829	1284365	0.72	cps
Indium	115-2	220261	219558	221827	220549	0.53	cps
Iron	56-2	53879166	53695850	54066650	53880555	0.34	cps
Iron	57-2	1348926	1349863	1352428	1350406	0.13	cps
Krypton	83-1	843	827	763	811	5.20	cps
Lead	206-1	3530930	3538320	3489075	3519441	0.75	cps
Lead	207-1	3157657	3100029	3071764	3109817	1.41	cps
Lead	208-1	14445159	14260025	14213312	14306165	0.86	cps
Lithium	6-1	703383	707979	703114	704825	0.39	cps
Magnesium	24-2	11575889	11504732	11542042	11540888	0.31	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:26:09	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1519514	1530632	1541028	1530391	0.70	cps
Molybdenum	94-1	10420005	10395125	10527454	10447528	0.67	cps
Molybdenum	95-1	12875403	12686625	12833225	12798417	0.77	cps
Molybdenum	96-1	14252884	14239146	14053966	14181999	0.78	cps
Molybdenum	97-1	7875884	7813193	7830542	7839873	0.41	cps
Molybdenum	98-1	20714652	20575398	20412859	20567636	0.73	cps
Neodymium	150-1	393	387	453	411	8.93	cps
Neodymium	150-2	37	57	43	46	22.36	cps
Nickel	60-2	532394	525654	530467	529505	0.66	cps
Phosphorus	31-2	6227	6035	5801	6021	3.54	cps
Potassium	39-2	4914565	4874987	4982532	4924028	1.10	cps
Rhodium	103-1	1229630	1234460	1235058	1233049	0.24	cps
Rhodium	103-2	535613	535956	539897	537156	0.44	cps
Scandium	45-1	1040697	1035884	1044914	1040498	0.43	cps
Scandium	45-2	39025	39028	40208	39420	1.73	cps
Selenium	77-2	4291	4247	4101	4213	2.36	cps
Selenium	78-2	13790	13951	14246	13996	1.65	cps
Selenium	82-1	111947	112181	111634	111921	0.25	cps
Silicon	28-1	5626963	5572549	5551800	5583771	0.70	cps
Silver	109-1	5549707	5747265	5488625	5595199	2.42	cps
Silver	107-1	6042737	6062527	5989863	6031709	0.62	cps
Sodium	23-2	23275552	23314585	23141864	23244000	0.39	cps
Strontium	86-1	1586304	1547796	1558828	1564309	1.27	cps
Strontium	88-1	13966622	13707994	13739967	13804861	1.02	cps
Sulfur	34-1	342045	341979	338141	340722	0.66	cps
Terbium	159-1	1848094	1835428	1821784	1835102	0.72	cps
Terbium	159-2	834178	843000	834980	837386	0.58	cps
Thallium	203-1	4278431	4316447	4279089	4291322	0.51	cps
Thallium	205-1	10688475	10624072	10512577	10608375	0.84	cps
Thorium	232-1	54130	53985	53186	53767	0.94	cps
Tin	118-1	3944557	3904412	3897880	3915617	0.65	cps
Titanium	47-1	3808234	3813196	3756804	3792745	0.82	cps
Uranium	238-1	14832656	14757036	14518940	14702877	1.11	cps
Vanadium	51-2	1090563	1085492	1096099	1090718	0.49	cps
Yttrium	89-1	1564632	1552594	1556327	1557851	0.40	cps
Yttrium	89-2	189064	189436	189851	189450	0.21	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:26:09	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	487790	490524	491990	490101	0.43	cps
Zirconium	90-1	8562564	8519576	8538272	8540137	0.25	cps
Zirconium	91-1	1899147	1896770	1871698	1889205	0.80	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:29:54	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5366308	5498285	5589623	5484739	2.05	cps
Antimony	121-1	4526	4734	5009	4757	5.10	cps
Arsenic	75-2	56	100	85	80	28.20	cps
Barium	135-1	1133	1042	1000	1058	6.45	cps
Barium	137-1	1834	2092	1992	1972	6.61	cps
Beryllium	9-1	267	256	289	270	6.28	cps
Bismuth	209-1	890312	892875	898683	893957	0.48	cps
Bismuth	209-2	555772	451449	489892	499038	10.57	cps
Boron	10-1	13957	13190	12747	13298	4.60	cps
Boron	11-1	63258	58824	56532	59538	5.74	cps
Cadmium	111-1	728	758	698	728	4.12	cps
Cadmium	106-1	575	650	600	608	6.28	cps
Cadmium	108-1	42	38	38	39	6.19	cps
Calcium	43-1	8672600	8860288	8922215	8818368	1.47	cps
Calcium	44-1	140092757	143522262	144089066	142568028	1.52	cps
Chromium	52-2	54387	55678	56595	55553	2.00	cps
Cobalt	59-2	4434	4364	4647	4482	3.29	cps
Copper	63-2	5978	5758	5711	5816	2.45	cps
Dysprosium	156-1	58	42	25	42	40.00	cps
Dysprosium	156-2	30	37	23	30	22.23	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	23	33	27	28	18.33	cps
Gadolinium	160-1	50	17	25	31	56.77	cps
Gadolinium	160-2	50	70	33	51	35.92	cps
Holmium	165-1	1664492	1660577	1690315	1671795	0.97	cps
Holmium	165-2	880948	707072	785523	791181	11.01	cps
Indium	115-1	1253293	1242777	1255478	1250516	0.54	cps
Indium	115-2	249429	204724	223393	225849	9.94	cps
Iron	56-2	286859540	294582807	290791751	290744699	1.33	cps
Iron	57-2	7111089	7344318	7275528	7243645	1.65	cps
Krypton	83-1	883	847	777	836	6.49	cps
Lead	206-1	9954	9726	10210	9963	2.43	cps
Lead	207-1	9209	8753	8825	8929	2.74	cps
Lead	208-1	40108	39546	40408	40021	1.09	cps
Lithium	6-1	675979	675911	697042	682978	1.78	cps
Magnesium	24-2	60943249	63090841	63381962	62472017	2.13	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:29:54	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7342	7639	7212	7398	2.96	cps
Molybdenum	94-1	9504	8953	8570	9009	5.21	cps
Molybdenum	95-1	13899	14391	15000	14430	3.82	cps
Molybdenum	96-1	19814	21242	21575	20877	4.48	cps
Molybdenum	97-1	8244	8770	9220	8745	5.58	cps
Molybdenum	98-1	22368	22485	22886	22580	1.20	cps
Neodymium	150-1	60	53	40	51	19.92	cps
Neodymium	150-2	17	33	37	29	37.08	cps
Nickel	60-2	15272	15652	15278	15401	1.41	cps
Phosphorus	31-2	92	100	100	97	4.95	cps
Potassium	39-2	27749234	28760590	28893110	28467645	2.20	cps
Rhodium	103-1	1049830	1074732	1102786	1075782	2.46	cps
Rhodium	103-2	530363	430843	469610	476939	10.52	cps
Scandium	45-1	1009143	1019844	1033274	1020754	1.18	cps
Scandium	45-2	44547	35848	39179	39858	11.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	44	37	43	13.09	cps
Selenium	82-1	38	106	158	101	59.95	cps
Silicon	28-1	605916	618578	628445	617646	1.83	cps
Silver	109-1	925	942	850	906	5.39	cps
Silver	107-1	917	1042	975	978	6.40	cps
Sodium	23-2	125604249	129104478	128248320	127652349	1.43	cps
Strontium	86-1	7978	7377	8003	7786	4.55	cps
Strontium	88-1	57424	58512	59333	58423	1.64	cps
Sulfur	34-1	286648	289443	291951	289347	0.92	cps
Terbium	159-1	1690901	1681872	1687112	1686629	0.27	cps
Terbium	159-2	851874	700711	755849	769478	9.94	cps
Thallium	203-1	1859	1892	1750	1834	4.04	cps
Thallium	205-1	4309	3576	3876	3920	9.41	cps
Thorium	232-1	1517	1617	1428	1521	6.22	cps
Tin	118-1	2200	2350	2175	2242	4.22	cps
Titanium	47-1	1575	1750	1892	1739	9.12	cps
Uranium	238-1	3042	2900	2700	2881	5.96	cps
Vanadium	51-2	350	380	390	373	5.58	cps
Yttrium	89-1	1469006	1490934	1501480	1487140	1.11	cps
Yttrium	89-2	210833	173882	189241	191319	9.70	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:29:54	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9710	9713	9740	9721	0.17	cps
Zirconium	90-1	2084	2259	2175	2172	4.03	cps
Zirconium	91-1	517	525	550	531	3.27	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 15:40:52 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24663	25013	24972	24883	0.77	cps
Antimony	121-1	907499	924026	909449	913658	0.99	cps
Arsenic	75-2	30929	30933	31093	30985	0.30	cps
Barium	135-1	116041	117320	118447	117269	1.03	cps
Barium	137-1	202596	204554	201211	202787	0.83	cps
Beryllium	9-1	179315	178954	179466	179245	0.15	cps
Bismuth	209-1	1090680	1106580	1091621	1096294	0.81	cps
Bismuth	209-2	627446	630509	625299	627751	0.42	cps
Boron	10-1	3876	3567	3751	3731	4.16	cps
Boron	11-1	18562	17920	17711	18064	2.46	cps
Cadmium	111-1	134140	132487	134621	133749	0.84	cps
Cadmium	106-1	12473	12456	12081	12336	1.80	cps
Cadmium	108-1	8632	8661	8236	8510	2.79	cps
Calcium	43-1	37064	36471	37190	36908	1.04	cps
Calcium	44-1	598043	602296	593646	597995	0.72	cps
Chromium	52-2	139446	139221	136247	138305	1.29	cps
Cobalt	59-2	225224	223992	223681	224299	0.36	cps
Copper	63-2	156232	155790	152924	154982	1.16	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	17	17	7	13	43.29	cps
Erbium	164-1	58	58	75	64	15.05	cps
Erbium	164-2	27	33	43	34	24.35	cps
Gadolinium	160-1	8	42	33	28	62.46	cps
Gadolinium	160-2	53	50	47	50	6.66	cps
Holmium	165-1	1759480	1784583	1768142	1770735	0.72	cps
Holmium	165-2	862376	864422	849274	858690	0.96	cps
Indium	115-1	1400610	1423465	1422361	1415478	0.91	cps
Indium	115-2	252081	247698	247451	249077	1.05	cps
Iron	56-2	1174805	1167753	1173317	1171958	0.32	cps
Iron	57-2	29964	29770	29124	29619	1.49	cps
Krypton	83-1	827	883	847	852	3.37	cps
Lead	206-1	781980	782513	796834	787109	1.07	cps
Lead	207-1	685864	687160	686719	686581	0.10	cps
Lead	208-1	3104471	3129274	3121679	3118475	0.41	cps
Lithium	6-1	764087	765740	768839	766222	0.31	cps
Magnesium	24-2	150079	151090	150054	150408	0.39	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:40:52	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80750	79695	80257	80234	0.66	cps
Molybdenum	94-1	342	292	342	325	8.88	cps
Molybdenum	95-1	375	325	358	353	7.22	cps
Molybdenum	96-1	550	458	550	519	10.19	cps
Molybdenum	97-1	242	225	242	236	4.08	cps
Molybdenum	98-1	500	592	633	575	11.86	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	60796	60180	59169	60048	1.37	cps
Phosphorus	31-2	67	33	42	47	36.74	cps
Potassium	39-2	227321	229322	227092	227911	0.54	cps
Rhodium	103-1	1326943	1335062	1303197	1321734	1.25	cps
Rhodium	103-2	582282	572990	577971	577748	0.80	cps
Scandium	45-1	1096875	1104186	1106874	1102645	0.47	cps
Scandium	45-2	41281	39229	40729	40413	2.63	cps
Selenium	77-2	830	880	907	872	4.46	cps
Selenium	78-2	3158	3123	3047	3109	1.83	cps
Selenium	82-1	23333	23634	23754	23574	0.92	cps
Silicon	28-1	151797	152831	154169	152933	0.78	cps
Silver	109-1	604053	609232	606689	606658	0.43	cps
Silver	107-1	626341	633314	616838	625498	1.32	cps
Sodium	23-2	495170	491074	488533	491592	0.68	cps
Strontium	86-1	4993	5126	5276	5132	2.76	cps
Strontium	88-1	33924	33515	33248	33562	1.01	cps
Sulfur	34-1	311023	308735	304027	307928	1.16	cps
Terbium	159-1	1805526	1808204	1807522	1807084	0.08	cps
Terbium	159-2	838326	840863	834743	837977	0.37	cps
Thallium	203-1	966964	957874	982115	968984	1.26	cps
Thallium	205-1	2298123	2292895	2298384	2296467	0.13	cps
Thorium	232-1	1367	1356	1367	1363	0.47	cps
Tin	118-1	750	658	800	736	9.76	cps
Titanium	47-1	233	250	200	228	11.18	cps
Uranium	238-1	1892	1934	1900	1909	1.16	cps
Vanadium	51-2	114759	113829	112552	113713	0.97	cps
Yttrium	89-1	1587998	1597092	1591564	1592218	0.29	cps
Yttrium	89-2	198707	197542	195191	197147	0.91	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:40:52	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	47932	47534	47902	47789	0.46	cps
Zirconium	90-1	250	258	242	250	3.33	cps
Zirconium	91-1	283	217	200	233	18.90	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:45:39	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1058	967	950	992	5.88	cps
Antimony	121-1	8837	8595	8636	8689	1.49	cps
Arsenic	75-2	154	156	165	158	3.77	cps
Barium	135-1	11205	10721	11172	11033	2.45	cps
Barium	137-1	18555	19031	19139	18908	1.64	cps
Beryllium	9-1	1745	1767	1861	1791	3.46	cps
Bismuth	209-1	1098108	1090717	1087721	1092182	0.49	cps
Bismuth	209-2	621560	629809	608763	620044	1.71	cps
Boron	10-1	9187	9211	9278	9225	0.51	cps
Boron	11-1	40581	41366	40923	40957	0.96	cps
Cadmium	111-1	1748	1639	1416	1601	10.55	cps
Cadmium	106-1	833	650	475	653	27.45	cps
Cadmium	108-1	75	113	113	100	21.65	cps
Calcium	43-1	8478	7936	8870	8428	5.56	cps
Calcium	44-1	138982	140328	135097	138136	1.97	cps
Chromium	52-2	3100	3120	3034	3085	1.47	cps
Cobalt	59-2	2277	2144	1870	2097	9.89	cps
Copper	63-2	2944	2947	3010	2967	1.27	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	17	10	13	13	25.01	cps
Erbium	164-1	42	25	8	25	66.68	cps
Erbium	164-2	50	27	33	37	32.78	cps
Gadolinium	160-1	42	33	8	28	62.46	cps
Gadolinium	160-2	70	57	33	53	34.80	cps
Holmium	165-1	1706171	1738438	1736914	1727174	1.05	cps
Holmium	165-2	846694	869650	830616	848987	2.31	cps
Indium	115-1	1391773	1383732	1381078	1385528	0.40	cps
Indium	115-2	241944	248196	240333	243491	1.71	cps
Iron	56-2	61635	60179	59086	60300	2.12	cps
Iron	57-2	1606	1867	1689	1721	7.75	cps
Krypton	83-1	800	733	827	787	6.11	cps
Lead	206-1	3873	3834	3895	3867	0.80	cps
Lead	207-1	3434	3706	3545	3562	3.84	cps
Lead	208-1	15610	15837	15815	15754	0.80	cps
Lithium	6-1	760327	758909	766050	761762	0.50	cps
Magnesium	24-2	58816	57863	57871	58183	0.94	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:45:39	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	847	770	843	820	5.28	cps
Molybdenum	94-1	9545	9212	9779	9512	3.00	cps
Molybdenum	95-1	11672	11488	11313	11491	1.56	cps
Molybdenum	96-1	12698	13307	13048	13018	2.35	cps
Molybdenum	97-1	7402	7077	7161	7213	2.34	cps
Molybdenum	98-1	19022	18337	19623	18994	3.39	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	527	583	540	550	5.39	cps
Phosphorus	31-2	208	242	217	222	7.81	cps
Potassium	39-2	60583	59863	61586	60678	1.43	cps
Rhodium	103-1	1299959	1299099	1302835	1300631	0.15	cps
Rhodium	103-2	563414	580402	554575	566130	2.32	cps
Scandium	45-1	1069958	1082370	1074150	1075493	0.59	cps
Scandium	45-2	39352	39844	38353	39183	1.94	cps
Selenium	77-2	30	20	20	23	24.74	cps
Selenium	78-2	94	126	115	112	14.29	cps
Selenium	82-1	627	586	488	567	12.60	cps
Silicon	28-1	183064	181892	180584	181847	0.68	cps
Silver	109-1	5026	4976	4951	4984	0.77	cps
Silver	107-1	5593	5651	5318	5521	3.23	cps
Sodium	23-2	116888	114746	117408	116348	1.21	cps
Strontium	86-1	2859	2850	2725	2812	2.66	cps
Strontium	88-1	13323	13115	13365	13268	1.01	cps
Sulfur	34-1	305345	302600	303221	303722	0.47	cps
Terbium	159-1	1807889	1791630	1783758	1794426	0.69	cps
Terbium	159-2	824825	845277	809021	826374	2.20	cps
Thallium	203-1	4601	4676	4709	4662	1.19	cps
Thallium	205-1	11497	11831	11914	11747	1.88	cps
Thorium	232-1	14547	13930	14486	14321	2.38	cps
Tin	118-1	18521	19498	18905	18975	2.59	cps
Titanium	47-1	3934	4009	4001	3981	1.03	cps
Uranium	238-1	15118	14450	14817	14795	2.26	cps
Vanadium	51-2	5321	5464	5571	5452	2.30	cps
Yttrium	89-1	1556000	1545163	1543465	1548209	0.44	cps
Yttrium	89-2	189667	193458	188199	190441	1.43	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:45:39	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	657	760	700	706	7.35	cps
Zirconium	90-1	7619	7285	6744	7216	6.12	cps
Zirconium	91-1	1967	1617	1650	1745	11.07	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 15:52:52 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	42	39	12.38	cps
Antimony	121-1	233	200	333	256	27.15	cps
Arsenic	75-2	2	7	4	4	65.54	cps
Barium	135-1	25	17	33	25	33.32	cps
Barium	137-1	58	50	50	53	9.12	cps
Beryllium	9-1	61	117	67	81	37.55	cps
Bismuth	209-1	1069971	1081513	1066587	1072690	0.73	cps
Bismuth	209-2	612098	603186	607869	607718	0.73	cps
Boron	10-1	1834	1817	1792	1814	1.16	cps
Boron	11-1	8594	8578	9095	8756	3.36	cps
Cadmium	111-1	484	443	380	435	12.05	cps
Cadmium	106-1	683	608	475	589	17.92	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	67	117	92	92	27.27	cps
Calcium	44-1	3642	3442	3642	3576	3.23	cps
Chromium	52-2	470	550	467	496	9.52	cps
Cobalt	59-2	33	23	27	28	18.33	cps
Copper	63-2	257	297	267	273	7.62	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	13	13	30	19	50.96	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	33	43	53	43	23.08	cps
Gadolinium	160-1	33	17	0	17	99.99	cps
Gadolinium	160-2	50	50	43	48	8.06	cps
Holmium	165-1	1739690	1726833	1743687	1736737	0.51	cps
Holmium	165-2	844408	825398	826956	832254	1.27	cps
Indium	115-1	1389430	1373390	1355615	1372812	1.23	cps
Indium	115-2	240924	238578	238272	239258	0.61	cps
Iron	56-2	2734	2761	2395	2630	7.76	cps
Iron	57-2	211	244	217	224	7.97	cps
Krypton	83-1	890	883	777	850	7.48	cps
Lead	206-1	606	667	728	667	9.17	cps
Lead	207-1	667	717	522	635	15.90	cps
Lead	208-1	2222	2522	2300	2348	6.63	cps
Lithium	6-1	745328	739656	740418	741801	0.41	cps
Magnesium	24-2	217	175	208	200	11.02	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 15:52:52 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	20	43	31	37.62	cps
Molybdenum	94-1	83	92	75	83	10.00	cps
Molybdenum	95-1	108	125	83	106	19.87	cps
Molybdenum	96-1	133	42	167	114	56.83	cps
Molybdenum	97-1	33	67	33	44	43.31	cps
Molybdenum	98-1	125	75	75	92	31.50	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	13	7	10	10	33.30	cps
Phosphorus	31-2	42	50	83	58	37.80	cps
Potassium	39-2	12748	12814	13340	12967	2.50	cps
Rhodium	103-1	1283036	1274294	1273673	1277001	0.41	cps
Rhodium	103-2	557657	555604	551722	554994	0.54	cps
Scandium	45-1	1050520	1032111	1032544	1038391	1.01	cps
Scandium	45-2	38143	37732	38353	38076	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	50	26	35	36.84	cps
Selenium	82-1	-32	-87	37	-27	-226.89	cps
Silicon	28-1	139906	138772	142480	140386	1.35	cps
Silver	109-1	58	25	50	44	39.04	cps
Silver	107-1	100	50	33	61	56.78	cps
Sodium	23-2	5101	4584	4751	4812	5.48	cps
Strontium	86-1	1333	1208	1367	1303	6.41	cps
Strontium	88-1	83	175	125	128	35.92	cps
Sulfur	34-1	307360	301530	305824	304905	0.99	cps
Terbium	159-1	1793998	1744050	1774835	1770961	1.42	cps
Terbium	159-2	811900	812312	810246	811486	0.13	cps
Thallium	203-1	600	525	625	583	8.92	cps
Thallium	205-1	975	1008	1000	995	1.74	cps
Thorium	232-1	1378	1506	1489	1458	4.77	cps
Tin	118-1	433	425	475	444	6.03	cps
Titanium	47-1	67	42	42	50	28.87	cps
Uranium	238-1	1692	1825	2117	1878	11.58	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Yttrium	89-1	1529841	1509530	1541213	1526861	1.05	cps
Yttrium	89-2	184434	187721	189923	187359	1.47	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:52:52	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67	43	70	60	24.22	cps
Zirconium	90-1	142	200	208	183	19.82	cps
Zirconium	91-1	25	42	75	47	53.91	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 15:56:26 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4501670	4541415	4578533	4540539	0.85	cps
Antimony	121-1	5585	5326	5426	5446	2.39	cps
Arsenic	75-2	56	48	48	51	8.45	cps
Barium	135-1	2050	1734	1825	1870	8.72	cps
Barium	137-1	2875	2967	3042	2962	2.82	cps
Beryllium	9-1	539	522	494	519	4.33	cps
Bismuth	209-1	1018780	1024068	1026345	1023064	0.38	cps
Bismuth	209-2	579215	573961	580801	577992	0.62	cps
Boron	10-1	1834	1817	1817	1822	0.53	cps
Boron	11-1	8745	8469	8953	8722	2.78	cps
Cadmium	111-1	1107	969	1040	1038	6.64	cps
Cadmium	106-1	508	567	567	547	6.15	cps
Cadmium	108-1	1308	1254	1213	1258	3.82	cps
Calcium	43-1	1731275	1736050	1756208	1741178	0.76	cps
Calcium	44-1	28055280	28568382	28378520	28334061	0.92	cps
Chromium	52-2	27499	27786	27700	27662	0.53	cps
Cobalt	59-2	2537	2680	2747	2655	4.04	cps
Copper	63-2	11451	11385	11221	11352	1.04	cps
Dysprosium	156-1	8	83	58	50	76.38	cps
Dysprosium	156-2	30	20	13	21	39.75	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	53	27	17	32	58.81	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	53	47	67	56	18.33	cps
Holmium	165-1	1796185	1780577	1794793	1790518	0.48	cps
Holmium	165-2	847747	853709	869224	856893	1.29	cps
Indium	115-1	1338164	1341180	1330318	1336554	0.42	cps
Indium	115-2	240172	235188	236822	237394	1.07	cps
Iron	56-2	109005850	109552605	110630047	109729501	0.75	cps
Iron	57-2	2661816	2713901	2742106	2705941	1.51	cps
Krypton	83-1	843	837	867	849	1.86	cps
Lead	206-1	17823	17618	17479	17640	0.98	cps
Lead	207-1	13947	13819	14019	13928	0.73	cps
Lead	208-1	65330	65965	65530	65609	0.49	cps
Lithium	6-1	714243	719025	720369	717879	0.45	cps
Magnesium	24-2	11957324	11875529	12052571	11961808	0.74	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:56:26	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6241	6558	6248	6349	2.85	cps
Molybdenum	94-1	2712418	2717468	2699919	2709935	0.33	cps
Molybdenum	95-1	4743523	4712621	4757221	4737788	0.48	cps
Molybdenum	96-1	4965585	4991494	4950215	4969098	0.42	cps
Molybdenum	97-1	2922973	2933942	2933338	2930084	0.21	cps
Molybdenum	98-1	7750785	7828092	7671782	7750220	1.01	cps
Neodymium	150-1	33	20	33	29	26.64	cps
Neodymium	150-2	20	27	7	18	57.27	cps
Nickel	60-2	2920	3144	2970	3011	3.89	cps
Phosphorus	31-2	295577	291117	296997	294564	1.04	cps
Potassium	39-2	10356803	10381363	10625711	10454626	1.42	cps
Rhodium	103-1	1212032	1215543	1190393	1205989	1.13	cps
Rhodium	103-2	536999	529325	527170	531165	0.97	cps
Scandium	45-1	1044240	1052760	1051524	1049508	0.44	cps
Scandium	45-2	39279	39363	40302	39648	1.43	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	37	30	33	33	11.12	cps
Selenium	82-1	17	-14	-27	-8	-279.89	cps
Silicon	28-1	242326	241901	245982	243403	0.92	cps
Silver	109-1	175	158	167	167	5.00	cps
Silver	107-1	142	150	100	131	20.52	cps
Sodium	23-2	23450554	23513806	23913900	23626086	1.06	cps
Strontium	86-1	57341	59165	57475	57993	1.75	cps
Strontium	88-1	486993	483553	495921	488822	1.31	cps
Sulfur	34-1	3859021	3859560	3869932	3862838	0.16	cps
Terbium	159-1	1805787	1800380	1842465	1816211	1.26	cps
Terbium	159-2	829699	827948	826099	827916	0.22	cps
Thallium	203-1	833	783	958	858	10.50	cps
Thallium	205-1	1775	1592	1584	1650	6.57	cps
Thorium	232-1	1350	1389	1389	1376	1.63	cps
Tin	118-1	1058	1017	1092	1056	3.56	cps
Titanium	47-1	1554819	1584853	1592932	1577535	1.27	cps
Uranium	238-1	2317	2250	2200	2256	2.59	cps
Vanadium	51-2	223	183	207	204	9.83	cps
Yttrium	89-1	1559945	1555221	1561439	1558868	0.21	cps
Yttrium	89-2	191196	190477	192353	191342	0.49	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:56:26	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2777	2690	2487	2651	5.62	cps
Zirconium	90-1	442	600	483	508	16.15	cps
Zirconium	91-1	100	67	117	94	26.96	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:59:59	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4718733	4682752	4712126	4704537	0.41	cps
Antimony	121-1	98856	98864	100988	99569	1.23	cps
Arsenic	75-2	3149	3060	3060	3089	1.66	cps
Barium	135-1	26318	27211	26835	26788	1.67	cps
Barium	137-1	45250	46187	45777	45738	1.03	cps
Beryllium	9-1	36294	36378	35776	36149	0.90	cps
Bismuth	209-1	1039314	1035816	1022408	1032513	0.86	cps
Bismuth	209-2	591891	582887	583380	586053	0.86	cps
Boron	10-1	1658	1867	1950	1825	8.23	cps
Boron	11-1	8503	8219	8753	8492	3.14	cps
Cadmium	111-1	27224	27748	26687	27220	1.95	cps
Cadmium	106-1	2784	2634	2717	2711	2.77	cps
Cadmium	108-1	2996	3034	2867	2966	2.95	cps
Calcium	43-1	1811968	1834003	1829504	1825159	0.64	cps
Calcium	44-1	29730435	29999979	29961564	29897326	0.49	cps
Chromium	52-2	57602	57124	56421	57049	1.04	cps
Cobalt	59-2	48921	48925	47895	48580	1.22	cps
Copper	63-2	42064	42585	42843	42497	0.93	cps
Dysprosium	156-1	42	17	25	28	45.82	cps
Dysprosium	156-2	30	40	27	32	21.53	cps
Erbium	164-1	75	33	33	47	50.95	cps
Erbium	164-2	40	37	57	44	24.11	cps
Gadolinium	160-1	8	17	67	31	103.26	cps
Gadolinium	160-2	73	93	50	72	30.03	cps
Holmium	165-1	1819358	1821932	1835998	1825763	0.49	cps
Holmium	165-2	868962	859320	866351	864878	0.58	cps
Indium	115-1	1401820	1374780	1390589	1389063	0.98	cps
Indium	115-2	243270	240460	240273	241334	0.70	cps
Iron	56-2	114489058	114666147	113978636	114377947	0.31	cps
Iron	57-2	2839454	2813802	2824728	2825994	0.46	cps
Krypton	83-1	910	817	790	839	7.51	cps
Lead	206-1	91827	91313	92028	91723	0.40	cps
Lead	207-1	74738	76050	75638	75475	0.89	cps
Lead	208-1	350001	352766	351035	351267	0.40	cps
Lithium	6-1	735988	737776	747831	740532	0.86	cps
Magnesium	24-2	12460963	12401892	12501841	12454898	0.40	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:59:59	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23088	23085	23646	23273	1.39	cps
Molybdenum	94-1	2743838	2795004	2791475	2776772	1.03	cps
Molybdenum	95-1	4852924	4815796	4851788	4840169	0.44	cps
Molybdenum	96-1	5121443	5144705	5197554	5154568	0.76	cps
Molybdenum	97-1	3054149	3031669	3038233	3041351	0.38	cps
Molybdenum	98-1	8001921	7965032	8145222	8037392	1.18	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	13	17	7	12	41.65	cps
Nickel	60-2	14174	15095	14794	14688	3.20	cps
Phosphorus	31-2	309746	309249	304924	307973	0.86	cps
Potassium	39-2	10940821	10885829	11029398	10952016	0.66	cps
Rhodium	103-1	1266195	1243952	1271313	1260487	1.15	cps
Rhodium	103-2	548365	535732	543999	542699	1.18	cps
Scandium	45-1	1117001	1111989	1106399	1111796	0.48	cps
Scandium	45-2	40696	40813	41087	40865	0.49	cps
Selenium	77-2	67	93	77	79	17.08	cps
Selenium	78-2	294	346	361	334	10.48	cps
Selenium	82-1	2195	2366	2355	2305	4.15	cps
Silicon	28-1	268528	271036	271481	270348	0.59	cps
Silver	109-1	112605	110928	112371	111968	0.81	cps
Silver	107-1	116805	116586	119200	117530	1.23	cps
Sodium	23-2	24540557	24797626	24389261	24575814	0.84	cps
Strontium	86-1	59868	59633	58997	59499	0.76	cps
Strontium	88-1	498752	497038	503153	499648	0.63	cps
Sulfur	34-1	4034634	4013303	4049868	4032602	0.46	cps
Terbium	159-1	1835434	1853572	1861079	1850028	0.71	cps
Terbium	159-2	837922	843553	842400	841291	0.35	cps
Thallium	203-1	91868	94317	94921	93702	1.73	cps
Thallium	205-1	221809	221256	214376	219147	1.89	cps
Thorium	232-1	1228	1378	1328	1311	5.83	cps
Tin	118-1	917	975	1217	1036	15.35	cps
Titanium	47-1	1669143	1662054	1656121	1662439	0.39	cps
Uranium	238-1	1775	2042	2109	1975	8.93	cps
Vanadium	51-2	24320	24234	23599	24051	1.64	cps
Yttrium	89-1	1612675	1591696	1607665	1604012	0.68	cps
Yttrium	89-2	199349	198055	195279	197561	1.05	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 15:59:59	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7412	7722	7635	7590	2.11	cps
Zirconium	90-1	317	333	392	347	11.34	cps
Zirconium	91-1	108	58	67	78	34.44	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : CCV07 Instrumnet Name : P7
 Client Sample ID : CCV07 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 16:29:04 DataFile Name : 020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3384	3534	3192	3370	5.08	cps
Antimony	121-1	1625	1558	1717	1634	4.87	cps
Arsenic	75-2	75271	76418	75615	75768	0.78	cps
Barium	135-1	267	267	308	281	8.57	cps
Barium	137-1	542	458	517	506	8.46	cps
Beryllium	9-1	139	117	100	119	16.46	cps
Bismuth	209-1	1018079	1025479	1024756	1022771	0.40	cps
Bismuth	209-2	576454	590601	584587	583881	1.22	cps
Boron	10-1	2300	1984	1900	2061	10.24	cps
Boron	11-1	10654	9570	9195	9806	7.73	cps
Cadmium	111-1	431	450	384	422	8.13	cps
Cadmium	106-1	558	558	475	531	9.07	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	1734	1734	1892	1786	5.12	cps
Calcium	44-1	27585	27301	27693	27526	0.74	cps
Chromium	52-2	721612	722947	715364	719974	0.56	cps
Cobalt	59-2	2060	2017	1797	1958	7.21	cps
Copper	63-2	3150	3214	3457	3274	4.95	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	27	27	10	21	45.58	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	30	27	17	24	28.38	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	40	53	47	47	14.28	cps
Holmium	165-1	1725056	1729527	1779249	1744611	1.72	cps
Holmium	165-2	843580	845208	843225	844005	0.13	cps
Indium	115-1	1361261	1370799	1370318	1367459	0.39	cps
Indium	115-2	237461	246165	241727	241784	1.80	cps
Iron	56-2	152759820	150750759	149698198	151069592	1.03	cps
Iron	57-2	3674746	3736820	3692846	3701471	0.86	cps
Krypton	83-1	857	763	810	810	5.76	cps
Lead	206-1	1800812	1778027	1799934	1792924	0.72	cps
Lead	207-1	1606124	1607567	1622235	1611975	0.55	cps
Lead	208-1	7176881	7145679	7215067	7179209	0.48	cps
Lithium	6-1	749631	760254	754196	754694	0.71	cps
Magnesium	24-2	32930896	33532561	32823483	33095647	1.15	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:29:04	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	854657	858676	842916	852083	0.96	cps
Molybdenum	94-1	2092	2617	2384	2364	11.13	cps
Molybdenum	95-1	3392	3567	3276	3412	4.30	cps
Molybdenum	96-1	7611	7027	7352	7330	3.99	cps
Molybdenum	97-1	2334	1975	2259	2189	8.63	cps
Molybdenum	98-1	5618	5485	5468	5524	1.49	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	4684	4784	4697	4722	1.15	cps
Phosphorus	31-2	75	83	75	78	6.19	cps
Potassium	39-2	15550	14683	14841	15025	3.07	cps
Rhodium	103-1	1253786	1251754	1248531	1251357	0.21	cps
Rhodium	103-2	538566	551459	545964	545330	1.19	cps
Scandium	45-1	1093105	1091713	1087534	1090784	0.27	cps
Scandium	45-2	39526	39416	39573	39505	0.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	46	28	40	26.65	cps
Selenium	82-1	46	127	22	65	84.61	cps
Silicon	28-1	157168	157150	156258	156859	0.33	cps
Silver	109-1	217	192	175	194	10.79	cps
Silver	107-1	167	125	192	161	20.90	cps
Sodium	23-2	13740	13198	13165	13367	2.42	cps
Strontium	86-1	1592	1383	1392	1456	8.10	cps
Strontium	88-1	633	525	558	572	9.70	cps
Sulfur	34-1	325317	325426	327265	326003	0.34	cps
Terbium	159-1	1783827	1780401	1805488	1789905	0.76	cps
Terbium	159-2	829988	827287	824835	827370	0.31	cps
Thallium	203-1	758	758	842	786	6.12	cps
Thallium	205-1	1550	1408	1417	1458	5.45	cps
Thorium	232-1	1306	1428	1389	1374	4.55	cps
Tin	118-1	508	583	617	569	9.74	cps
Titanium	47-1	158	200	158	172	13.97	cps
Uranium	238-1	2042	1950	1809	1934	6.08	cps
Vanadium	51-2	127	103	83	104	20.77	cps
Yttrium	89-1	1545154	1558771	1570039	1557988	0.80	cps
Yttrium	89-2	193142	198111	192354	194536	1.60	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:29:04	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1513	1637	1457	1536	5.99	cps
Zirconium	90-1	250	308	400	319	23.67	cps
Zirconium	91-1	492	442	533	489	9.39	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 16:33:29 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	58	58	47	40.76	cps
Antimony	121-1	242	208	167	206	18.28	cps
Arsenic	75-2	7	7	4	6	34.70	cps
Barium	135-1	33	42	67	47	36.74	cps
Barium	137-1	50	67	83	67	25.00	cps
Beryllium	9-1	67	100	61	76	27.70	cps
Bismuth	209-1	1080942	1071808	1077772	1076841	0.43	cps
Bismuth	209-2	619233	607721	611073	612676	0.97	cps
Boron	10-1	1525	1542	1784	1617	8.94	cps
Boron	11-1	7861	7694	7494	7683	2.39	cps
Cadmium	111-1	383	451	419	418	8.14	cps
Cadmium	106-1	533	608	583	575	6.64	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	142	75	125	114	30.46	cps
Calcium	44-1	4418	4242	4351	4337	2.04	cps
Chromium	52-2	617	467	600	561	14.65	cps
Cobalt	59-2	17	27	27	23	24.74	cps
Copper	63-2	290	297	227	271	14.25	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	20	20	33	24	31.49	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	63	43	47	51	20.96	cps
Holmium	165-1	1746476	1738761	1722964	1736067	0.69	cps
Holmium	165-2	835608	833830	820275	829904	1.01	cps
Indium	115-1	1396973	1381837	1393760	1390857	0.57	cps
Indium	115-2	247828	246737	241981	245515	1.27	cps
Iron	56-2	10426	10081	8414	9640	11.16	cps
Iron	57-2	367	378	361	369	2.30	cps
Krypton	83-1	863	917	883	888	3.04	cps
Lead	206-1	744	789	628	720	11.55	cps
Lead	207-1	683	689	756	709	5.67	cps
Lead	208-1	2639	2756	2495	2630	4.97	cps
Lithium	6-1	744733	747169	745130	745677	0.18	cps
Magnesium	24-2	1709	1692	1275	1558	15.76	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:33:29	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97	70	83	83	16.00	cps
Molybdenum	94-1	125	83	108	106	19.87	cps
Molybdenum	95-1	117	183	133	144	24.02	cps
Molybdenum	96-1	175	200	158	178	11.80	cps
Molybdenum	97-1	42	58	67	56	22.91	cps
Molybdenum	98-1	233	192	208	211	9.93	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	30	27	13	23	37.81	cps
Phosphorus	31-2	67	42	50	53	24.12	cps
Potassium	39-2	13590	13156	14015	13587	3.16	cps
Rhodium	103-1	1302196	1288947	1302744	1297962	0.60	cps
Rhodium	103-2	569225	562615	558548	563463	0.96	cps
Scandium	45-1	1066074	1068029	1067307	1067137	0.09	cps
Scandium	45-2	39396	39426	38908	39243	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	48	44	48	5.96	cps
Selenium	82-1	-36	-51	-36	-41	-20.89	cps
Silicon	28-1	148025	148995	147328	148116	0.57	cps
Silver	109-1	67	75	33	58	37.80	cps
Silver	107-1	67	75	100	81	21.53	cps
Sodium	23-2	5518	5851	5651	5674	2.96	cps
Strontium	86-1	1500	1217	1400	1372	10.47	cps
Strontium	88-1	200	92	217	169	40.06	cps
Sulfur	34-1	330387	331006	326924	329439	0.67	cps
Terbium	159-1	1772251	1783394	1776083	1777243	0.32	cps
Terbium	159-2	822219	822625	802943	815929	1.38	cps
Thallium	203-1	508	550	475	511	7.35	cps
Thallium	205-1	992	858	867	906	8.25	cps
Thorium	232-1	1283	1345	1211	1280	5.22	cps
Tin	118-1	358	450	358	389	13.61	cps
Titanium	47-1	125	83	133	114	23.52	cps
Uranium	238-1	1809	1725	1759	1764	2.38	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	1545749	1576198	1551331	1557759	1.04	cps
Yttrium	89-2	195255	191564	191260	192693	1.15	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:33:29	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	47	73	60	60	22.22	cps
Zirconium	90-1	108	175	133	139	24.25	cps
Zirconium	91-1	33	42	25	33	25.01	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : PB124583BL Instrumnet Name : P7
 Client Sample ID : PBS583 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 16:37:03 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	50	36	35.25	cps
Antimony	121-1	150	117	100	122	20.83	cps
Arsenic	75-2	0	4	7	4	100.05	cps
Barium	135-1	0	8	42	17	132.30	cps
Barium	137-1	42	50	100	64	49.39	cps
Beryllium	9-1	67	83	72	74	11.46	cps
Bismuth	209-1	1066907	1066586	1067704	1067065	0.05	cps
Bismuth	209-2	608364	612688	609017	610023	0.38	cps
Boron	10-1	1517	1517	1592	1542	2.81	cps
Boron	11-1	7102	6793	6693	6863	3.10	cps
Cadmium	111-1	349	380	470	400	15.71	cps
Cadmium	106-1	475	525	642	547	15.63	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	108	67	117	97	27.55	cps
Calcium	44-1	4209	3776	3959	3981	5.47	cps
Chromium	52-2	577	533	497	536	7.48	cps
Cobalt	59-2	30	27	20	26	19.92	cps
Copper	63-2	200	210	257	222	13.61	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	7	17	17	13	43.29	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	17	17	33	22	43.28	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	47	37	40	41	12.39	cps
Holmium	165-1	1731781	1688764	1735845	1718797	1.52	cps
Holmium	165-2	835903	837241	834869	836004	0.14	cps
Indium	115-1	1378805	1377390	1390549	1382248	0.52	cps
Indium	115-2	240144	243471	245387	243001	1.09	cps
Iron	56-2	4373	4267	4362	4334	1.34	cps
Iron	57-2	294	256	239	263	10.84	cps
Krypton	83-1	887	827	883	866	3.90	cps
Lead	206-1	711	700	717	709	1.20	cps
Lead	207-1	611	589	511	570	9.21	cps
Lead	208-1	2245	2278	2283	2269	0.93	cps
Lithium	6-1	738072	741275	747575	742307	0.65	cps
Magnesium	24-2	625	608	567	600	5.01	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124583BL	Instrumnet Name :	P7
Client Sample ID :	PBS583	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:37:03	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	47	40	44	8.66	cps
Molybdenum	94-1	67	58	133	86	47.74	cps
Molybdenum	95-1	108	100	100	103	4.68	cps
Molybdenum	96-1	125	133	75	111	28.40	cps
Molybdenum	97-1	67	92	75	78	16.37	cps
Molybdenum	98-1	100	67	100	89	21.65	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	13	17	7	12	41.65	cps
Phosphorus	31-2	67	50	42	53	24.12	cps
Potassium	39-2	13607	13382	13515	13501	0.84	cps
Rhodium	103-1	1286656	1294901	1314880	1298812	1.12	cps
Rhodium	103-2	558636	561484	563332	561151	0.42	cps
Scandium	45-1	1060729	1054793	1076850	1064124	1.07	cps
Scandium	45-2	39473	39015	39777	39421	0.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	37	31	35	9.12	cps
Selenium	82-1	-30	13	27	3	932.24	cps
Silicon	28-1	145459	144988	147975	146141	1.10	cps
Silver	109-1	42	50	83	58	37.80	cps
Silver	107-1	67	42	75	61	28.38	cps
Sodium	23-2	5126	5051	5068	5082	0.77	cps
Strontium	86-1	1333	1300	1283	1306	1.95	cps
Strontium	88-1	142	167	58	122	46.41	cps
Sulfur	34-1	326991	326840	328246	327359	0.24	cps
Terbium	159-1	1762949	1769088	1783028	1771688	0.58	cps
Terbium	159-2	815043	814950	814728	814907	0.02	cps
Thallium	203-1	417	467	458	447	5.99	cps
Thallium	205-1	908	892	808	870	6.16	cps
Thorium	232-1	1256	1167	1445	1289	11.01	cps
Tin	118-1	367	342	358	356	3.58	cps
Titanium	47-1	58	42	108	69	49.96	cps
Uranium	238-1	1775	1725	1875	1792	4.26	cps
Vanadium	51-2	3	7	0	3	100.05	cps
Yttrium	89-1	1559979	1534912	1559482	1551458	0.92	cps
Yttrium	89-2	190807	189267	192573	190882	0.87	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124583BL	Instrumnet Name :	P7
Client Sample ID :	PBS583	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:37:03	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	57	67	40	54	24.75	cps
Zirconium	90-1	117	83	142	114	25.69	cps
Zirconium	91-1	25	17	25	22	21.64	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : PB124583BS Instrumnet Name : P7
 Client Sample ID : LCS583 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 16:40:37 DataFile Name : 023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2050	2300	2175	2175	5.75	cps
Antimony	121-1	19523	18913	19397	19278	1.67	cps
Arsenic	75-2	346	324	333	335	3.34	cps
Barium	135-1	24347	25416	25499	25087	2.56	cps
Barium	137-1	43971	42909	43461	43447	1.22	cps
Beryllium	9-1	3945	4223	3867	4012	4.66	cps
Bismuth	209-1	1081021	1084787	1079763	1081857	0.24	cps
Bismuth	209-2	621987	607115	618736	615946	1.27	cps
Boron	10-1	15058	14858	15625	15180	2.62	cps
Boron	11-1	71688	71713	71520	71640	0.15	cps
Cadmium	111-1	3362	3126	3334	3274	3.95	cps
Cadmium	106-1	850	908	758	839	9.01	cps
Cadmium	108-1	196	229	217	214	7.87	cps
Calcium	43-1	19046	19497	18654	19066	2.21	cps
Calcium	44-1	315048	318113	314223	315795	0.65	cps
Chromium	52-2	6458	6515	6371	6448	1.12	cps
Cobalt	59-2	4758	4868	4828	4818	1.16	cps
Copper	63-2	7008	6932	7028	6990	0.73	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	27	3	30	20	72.66	cps
Erbium	164-1	25	17	0	14	91.65	cps
Erbium	164-2	30	37	37	34	11.18	cps
Gadolinium	160-1	25	50	8	28	75.51	cps
Gadolinium	160-2	60	47	37	48	24.50	cps
Holmium	165-1	1749668	1774939	1731207	1751938	1.25	cps
Holmium	165-2	856684	832283	842925	843964	1.45	cps
Indium	115-1	1409748	1390147	1407862	1402586	0.77	cps
Indium	115-2	248408	241098	246389	245298	1.54	cps
Iron	56-2	134489	135397	132437	134107	1.13	cps
Iron	57-2	3412	3595	3534	3513	2.66	cps
Krypton	83-1	810	913	903	876	6.51	cps
Lead	206-1	8292	8325	8008	8208	2.12	cps
Lead	207-1	7197	7302	7224	7241	0.76	cps
Lead	208-1	32694	32678	31437	32270	2.23	cps
Lithium	6-1	751990	761097	749640	754242	0.80	cps
Magnesium	24-2	134871	136375	134619	135288	0.70	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124583BS	Instrumnet Name :	P7
Client Sample ID :	LCS583	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:40:37	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1977	1877	1817	1890	4.28	cps
Molybdenum	94-1	22168	23145	21525	22279	3.66	cps
Molybdenum	95-1	27569	27720	27845	27711	0.50	cps
Molybdenum	96-1	30901	29841	29874	30205	2.00	cps
Molybdenum	97-1	17728	17178	16035	16980	5.09	cps
Molybdenum	98-1	43910	44471	44044	44142	0.66	cps
Neodymium	150-1	33	7	0	13	132.27	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	1230	1303	1400	1311	6.50	cps
Phosphorus	31-2	433	333	425	397	13.97	cps
Potassium	39-2	127822	129000	124117	126980	2.01	cps
Rhodium	103-1	1315461	1310688	1328840	1318330	0.71	cps
Rhodium	103-2	580051	561682	568688	570140	1.63	cps
Scandium	45-1	1091862	1104014	1086639	1094172	0.81	cps
Scandium	45-2	40502	39596	39994	40031	1.13	cps
Selenium	77-2	67	53	43	54	21.51	cps
Selenium	78-2	217	196	193	202	6.42	cps
Selenium	82-1	1419	1349	1273	1347	5.39	cps
Silicon	28-1	237744	231650	234292	234562	1.30	cps
Silver	109-1	2117	2059	1950	2042	4.14	cps
Silver	107-1	2067	2134	2184	2128	2.75	cps
Sodium	23-2	258411	260130	259576	259372	0.34	cps
Strontium	86-1	4793	4676	4684	4718	1.38	cps
Strontium	88-1	30851	29556	29097	29835	3.05	cps
Sulfur	34-1	334280	332183	328769	331744	0.84	cps
Terbium	159-1	1799366	1816077	1784308	1799917	0.88	cps
Terbium	159-2	836819	808342	823111	822757	1.73	cps
Thallium	203-1	9454	9821	9370	9548	2.51	cps
Thallium	205-1	23080	23079	23839	23333	1.88	cps
Thorium	232-1	32168	32174	31048	31797	2.04	cps
Tin	118-1	44588	42849	43419	43619	2.03	cps
Titanium	47-1	8770	8561	8611	8647	1.26	cps
Uranium	238-1	31506	31631	31014	31384	1.04	cps
Vanadium	51-2	12505	12636	12806	12649	1.19	cps
Yttrium	89-1	1576299	1565927	1541492	1561239	1.14	cps
Yttrium	89-2	198201	189846	192188	193412	2.23	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124583BS	Instrumnet Name :	P7
Client Sample ID :	LCS583	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:40:37	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1193	1107	1130	1143	3.92	cps
Zirconium	90-1	17411	17904	17728	17681	1.41	cps
Zirconium	91-1	3867	3976	4109	3984	3.04	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : PB124584BL Instrumnet Name : P7
 Client Sample ID : PBS584 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 16:44:11 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	33	25	33.32	cps
Antimony	121-1	50	183	183	139	55.43	cps
Arsenic	75-2	0	0	4	1	173.21	cps
Barium	135-1	17	42	25	28	45.82	cps
Barium	137-1	42	50	50	47	10.18	cps
Beryllium	9-1	78	61	83	74	15.62	cps
Bismuth	209-1	1073560	1074927	1064882	1071123	0.51	cps
Bismuth	209-2	618922	607955	606138	611005	1.13	cps
Boron	10-1	1800	1750	1692	1747	3.10	cps
Boron	11-1	7619	7435	7452	7502	1.35	cps
Cadmium	111-1	384	437	386	402	7.42	cps
Cadmium	106-1	533	600	533	556	6.93	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	108	83	67	86	24.35	cps
Calcium	44-1	3609	3776	3834	3740	3.12	cps
Chromium	52-2	480	517	513	503	4.03	cps
Cobalt	59-2	30	40	20	30	33.33	cps
Copper	63-2	223	270	243	246	9.53	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	8	42	42	31	62.99	cps
Erbium	164-2	7	30	3	13	108.98	cps
Gadolinium	160-1	0	33	17	17	99.99	cps
Gadolinium	160-2	57	63	33	51	30.82	cps
Holmium	165-1	1749286	1731118	1751872	1744092	0.65	cps
Holmium	165-2	833293	828722	829312	830442	0.30	cps
Indium	115-1	1402821	1388627	1371544	1387664	1.13	cps
Indium	115-2	243569	245471	237242	242094	1.78	cps
Iron	56-2	2773	2511	2623	2635	4.97	cps
Iron	57-2	211	222	239	224	6.24	cps
Krypton	83-1	903	897	817	872	5.53	cps
Lead	206-1	506	628	528	554	11.76	cps
Lead	207-1	544	656	528	576	12.06	cps
Lead	208-1	1878	2195	1950	2008	8.27	cps
Lithium	6-1	746783	752161	745591	748178	0.47	cps
Magnesium	24-2	208	308	217	244	22.70	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : PB124584BL Instrumnet Name : P7
 Client Sample ID : PBS584 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 16:44:11 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	37	10	33	65.57	cps
Molybdenum	94-1	58	125	100	94	35.66	cps
Molybdenum	95-1	58	58	58	58	0.00	cps
Molybdenum	96-1	67	100	133	100	33.33	cps
Molybdenum	97-1	50	58	33	47	26.97	cps
Molybdenum	98-1	108	167	108	128	26.36	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	10	10	27	16	61.87	cps
Phosphorus	31-2	58	67	67	64	7.53	cps
Potassium	39-2	13373	13240	13415	13343	0.69	cps
Rhodium	103-1	1295770	1307829	1293700	1299100	0.59	cps
Rhodium	103-2	556241	562314	549370	555975	1.16	cps
Scandium	45-1	1052923	1073284	1067356	1064521	0.98	cps
Scandium	45-2	38390	38430	37441	38087	1.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	50	39	45	12.55	cps
Selenium	82-1	-58	2	8	-16	-229.20	cps
Silicon	28-1	144348	146627	145603	145526	0.78	cps
Silver	109-1	25	58	42	42	40.00	cps
Silver	107-1	33	67	75	58	37.80	cps
Sodium	23-2	4493	4718	4484	4565	2.90	cps
Strontium	86-1	1275	1258	1442	1325	7.65	cps
Strontium	88-1	92	125	142	119	21.31	cps
Sulfur	34-1	320488	319558	321799	320615	0.35	cps
Terbium	159-1	1775070	1793412	1774179	1780887	0.61	cps
Terbium	159-2	811710	810448	805993	809383	0.37	cps
Thallium	203-1	458	375	442	425	10.38	cps
Thallium	205-1	650	625	767	681	11.11	cps
Thorium	232-1	1345	1245	1295	1295	3.86	cps
Tin	118-1	350	400	425	392	9.75	cps
Titanium	47-1	117	75	67	86	31.11	cps
Uranium	238-1	1775	1559	1734	1689	6.81	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	1543221	1545259	1554921	1547800	0.40	cps
Yttrium	89-2	191462	191513	188198	190391	1.00	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124584BL	Instrumnet Name :	P7
Client Sample ID :	PBS584	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:44:11	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53	47	63	54	15.40	cps
Zirconium	90-1	167	167	275	203	30.84	cps
Zirconium	91-1	42	50	50	47	10.18	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124584BS	Instrumnet Name :	P7
Client Sample ID :	LCS584	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:47:46	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2200	2067	2409	2225	7.74	cps
Antimony	121-1	19431	18413	18980	18941	2.69	cps
Arsenic	75-2	333	302	324	320	5.06	cps
Barium	135-1	24431	24197	24397	24342	0.52	cps
Barium	137-1	42851	42525	42291	42556	0.66	cps
Beryllium	9-1	3862	3845	3906	3871	0.82	cps
Bismuth	209-1	1074706	1082853	1077541	1078367	0.38	cps
Bismuth	209-2	601743	613916	608009	607889	1.00	cps
Boron	10-1	15200	15208	15258	15222	0.21	cps
Boron	11-1	69679	70516	70347	70181	0.63	cps
Cadmium	111-1	3125	3147	3426	3233	5.18	cps
Cadmium	106-1	867	858	925	883	4.11	cps
Cadmium	108-1	171	238	246	218	18.85	cps
Calcium	43-1	18963	19205	18587	18918	1.64	cps
Calcium	44-1	304415	310941	307780	307712	1.06	cps
Chromium	52-2	6522	6195	6558	6425	3.11	cps
Cobalt	59-2	4731	4661	4694	4695	0.75	cps
Copper	63-2	6942	6562	6622	6708	3.05	cps
Dysprosium	156-1	42	0	8	17	132.30	cps
Dysprosium	156-2	3	10	27	13	90.16	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	13	33	33	27	43.31	cps
Gadolinium	160-1	17	0	8	8	100.02	cps
Gadolinium	160-2	23	37	27	29	24.03	cps
Holmium	165-1	1741012	1773667	1725252	1746644	1.41	cps
Holmium	165-2	820894	832403	840358	831218	1.18	cps
Indium	115-1	1396145	1409045	1380815	1395335	1.01	cps
Indium	115-2	238572	243240	245329	242380	1.43	cps
Iron	56-2	132415	133845	130627	132296	1.22	cps
Iron	57-2	3389	3334	3567	3430	3.55	cps
Krypton	83-1	787	840	920	849	7.91	cps
Lead	206-1	8186	8297	8003	8162	1.82	cps
Lead	207-1	6796	7219	6902	6972	3.15	cps
Lead	208-1	31638	31988	31727	31784	0.57	cps
Lithium	6-1	748219	752297	743457	747991	0.59	cps
Magnesium	24-2	131784	133652	133348	132928	0.75	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124584BS	Instrumnet Name :	P7
Client Sample ID :	LCS584	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:47:46	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1873	1907	2047	1942	4.74	cps
Molybdenum	94-1	21667	21066	20858	21197	1.98	cps
Molybdenum	95-1	26559	26676	27837	27024	2.61	cps
Molybdenum	96-1	30492	29265	31753	30503	4.08	cps
Molybdenum	97-1	16752	16694	16711	16719	0.18	cps
Molybdenum	98-1	43919	44245	43793	43986	0.53	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	1197	1317	1270	1261	4.80	cps
Phosphorus	31-2	392	292	375	353	15.19	cps
Potassium	39-2	124621	123301	124688	124203	0.63	cps
Rhodium	103-1	1315592	1301873	1293906	1303790	0.84	cps
Rhodium	103-2	550670	563930	556781	557127	1.19	cps
Scandium	45-1	1075881	1096353	1069527	1080587	1.30	cps
Scandium	45-2	37828	39306	38848	38661	1.96	cps
Selenium	77-2	40	63	40	48	28.19	cps
Selenium	78-2	226	206	198	210	6.85	cps
Selenium	82-1	1376	1286	1265	1309	4.51	cps
Silicon	28-1	227200	227961	228773	227978	0.34	cps
Silver	109-1	1959	1892	1992	1947	2.61	cps
Silver	107-1	2234	1942	1959	2045	8.01	cps
Sodium	23-2	253955	258481	259180	257205	1.10	cps
Strontium	86-1	4526	5118	4434	4693	7.91	cps
Strontium	88-1	29924	29865	30617	30135	1.39	cps
Sulfur	34-1	323994	322717	318917	321876	0.82	cps
Terbium	159-1	1778950	1791514	1785828	1785430	0.35	cps
Terbium	159-2	799628	821061	800052	806914	1.52	cps
Thallium	203-1	9962	10380	9846	10063	2.79	cps
Thallium	205-1	23881	23104	22645	23210	2.69	cps
Thorium	232-1	31472	31416	30881	31256	1.04	cps
Tin	118-1	43377	43176	43627	43393	0.52	cps
Titanium	47-1	8845	9178	8853	8959	2.12	cps
Uranium	238-1	31690	30946	31138	31258	1.23	cps
Vanadium	51-2	12666	12622	12676	12654	0.22	cps
Yttrium	89-1	1572832	1572333	1551948	1565704	0.76	cps
Yttrium	89-2	189236	192271	189928	190478	0.84	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	PB124584BS	Instrumnet Name :	P7
Client Sample ID :	LCS584	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:47:46	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1157	1110	1133	1133	2.06	cps
Zirconium	90-1	17920	17320	17428	17556	1.82	cps
Zirconium	91-1	3834	3801	3792	3809	0.58	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01	Instrumnet Name :	P7
Client Sample ID :	MB0AG0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:51:21	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	755772	758168	745039	752993	0.93	cps
Antimony	121-1	2367	2250	2317	2311	2.53	cps
Arsenic	75-2	626	604	607	612	1.95	cps
Barium	135-1	101001	101497	105886	102795	2.62	cps
Barium	137-1	176668	180557	178930	178718	1.09	cps
Beryllium	9-1	1117	1289	1278	1228	7.85	cps
Bismuth	209-1	1120463	1117398	1133454	1123772	0.76	cps
Bismuth	209-2	614106	641224	606665	620665	2.93	cps
Boron	10-1	2609	2667	2542	2606	2.40	cps
Boron	11-1	11546	12005	12022	11858	2.28	cps
Cadmium	111-1	560	688	651	633	10.44	cps
Cadmium	106-1	458	633	542	544	16.08	cps
Cadmium	108-1	46	38	46	43	11.17	cps
Calcium	43-1	48774	49242	48347	48787	0.92	cps
Calcium	44-1	791718	795132	800027	795625	0.52	cps
Chromium	52-2	40820	40870	40894	40861	0.09	cps
Cobalt	59-2	11121	10434	10761	10772	3.19	cps
Copper	63-2	493436	495216	494150	494267	0.18	cps
Dysprosium	156-1	11555	11405	10488	11150	5.18	cps
Dysprosium	156-2	5351	5181	5374	5302	1.99	cps
Erbium	164-1	10396	9821	9879	10032	3.16	cps
Erbium	164-2	4681	4521	4618	4606	1.75	cps
Gadolinium	160-1	10046	9962	10329	10113	1.90	cps
Gadolinium	160-2	5058	5328	5164	5183	2.62	cps
Holmium	165-1	1796074	1837811	1848957	1827614	1.53	cps
Holmium	165-2	848531	881057	836210	855266	2.71	cps
Indium	115-1	1424961	1419398	1453031	1432463	1.26	cps
Indium	115-2	243202	252667	239926	245265	2.70	cps
Iron	56-2	32928231	32843214	32476481	32749309	0.73	cps
Iron	57-2	816912	803325	808709	809649	0.85	cps
Krypton	83-1	860	933	870	888	4.48	cps
Lead	206-1	4201130	4156498	4165558	4174395	0.57	cps
Lead	207-1	3230325	3188444	3229819	3216196	0.75	cps
Lead	208-1	15733124	15675187	15808542	15738951	0.42	cps
Lithium	6-1	791791	789632	783423	788282	0.55	cps
Magnesium	24-2	335180	337883	334971	336011	0.48	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01	Instrumnet Name :	P7
Client Sample ID :	MB0AG0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:51:21	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	128533	128587	127914	128344	0.29	cps
Molybdenum	94-1	3559	3567	3251	3459	5.22	cps
Molybdenum	95-1	3467	3467	3376	3437	1.54	cps
Molybdenum	96-1	4776	4284	4726	4595	5.89	cps
Molybdenum	97-1	2059	2250	2150	2153	4.45	cps
Molybdenum	98-1	5043	5393	5701	5379	6.13	cps
Neodymium	150-1	16177	16884	17104	16722	2.90	cps
Neodymium	150-2	5758	5915	6078	5917	2.71	cps
Nickel	60-2	9970	9463	9703	9712	2.61	cps
Phosphorus	31-2	1842	2034	2075	1984	6.27	cps
Potassium	39-2	64340	63955	62031	63442	1.95	cps
Rhodium	103-1	1343208	1350778	1349514	1347833	0.30	cps
Rhodium	103-2	566286	581422	562573	570094	1.75	cps
Scandium	45-1	1138475	1143970	1167615	1150020	1.35	cps
Scandium	45-2	40492	42140	39827	40820	2.92	cps
Selenium	77-2	37	13	20	23	51.52	cps
Selenium	78-2	54	59	52	55	7.02	cps
Selenium	82-1	61	-15	83	43	119.21	cps
Silicon	28-1	5145610	5162008	5086298	5131305	0.78	cps
Silver	109-1	1600	1842	1650	1697	7.52	cps
Silver	107-1	1417	1700	1608	1575	9.18	cps
Sodium	23-2	72199	73338	72845	72794	0.78	cps
Strontium	86-1	45833	46242	46309	46128	0.56	cps
Strontium	88-1	372397	382008	381082	378496	1.40	cps
Sulfur	34-1	302887	299691	298703	300427	0.73	cps
Terbium	159-1	1866032	1862874	1882459	1870455	0.56	cps
Terbium	159-2	819808	856087	821626	832507	2.46	cps
Thallium	203-1	1142	1142	1208	1164	3.31	cps
Thallium	205-1	2450	2792	2700	2648	6.68	cps
Thorium	232-1	50939	51686	50660	51095	1.04	cps
Tin	118-1	8828	9128	9287	9081	2.56	cps
Titanium	47-1	220529	222287	222221	221679	0.45	cps
Uranium	238-1	8028	8378	8470	8292	2.81	cps
Vanadium	51-2	20421	20484	20254	20387	0.58	cps
Yttrium	89-1	1697154	1706122	1729998	1711091	0.99	cps
Yttrium	89-2	205341	212905	204260	207502	2.27	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01	Instrumnet Name :	P7
Client Sample ID :	MB0AG0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:51:21	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	41248	41101	40282	40877	1.27	cps
Zirconium	90-1	4209	4276	4518	4334	3.74	cps
Zirconium	91-1	1092	883	950	975	10.91	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-02	Instrumnet Name :	P7
Client Sample ID :	MB0AG0D	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:54:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	762925	768269	768016	766403	0.39	cps
Antimony	121-1	2159	2367	2159	2228	5.40	cps
Arsenic	75-2	593	596	594	594	0.31	cps
Barium	135-1	106115	104097	103610	104607	1.27	cps
Barium	137-1	179585	180826	182211	180874	0.73	cps
Beryllium	9-1	1195	1156	1195	1182	1.90	cps
Bismuth	209-1	1109544	1122384	1140358	1124095	1.38	cps
Bismuth	209-2	627144	634775	626291	629403	0.74	cps
Boron	10-1	2292	1992	1925	2070	9.44	cps
Boron	11-1	9537	9937	9603	9692	2.21	cps
Cadmium	111-1	638	698	820	719	12.88	cps
Cadmium	106-1	558	608	783	650	18.18	cps
Cadmium	108-1	33	33	58	42	34.64	cps
Calcium	43-1	48413	48815	50078	49102	1.77	cps
Calcium	44-1	782830	791586	796732	790383	0.89	cps
Chromium	52-2	40960	40342	40329	40544	0.89	cps
Cobalt	59-2	10651	10731	10007	10463	3.79	cps
Copper	63-2	506679	506003	499322	504001	0.81	cps
Dysprosium	156-1	11480	12256	11480	11739	3.81	cps
Dysprosium	156-2	5364	5324	5364	5351	0.43	cps
Erbium	164-1	10596	10546	10054	10399	2.88	cps
Erbium	164-2	4874	4578	4648	4700	3.30	cps
Gadolinium	160-1	10546	10279	10580	10468	1.57	cps
Gadolinium	160-2	4914	5341	5314	5190	4.61	cps
Holmium	165-1	1807570	1849376	1863271	1840073	1.58	cps
Holmium	165-2	871148	859210	857839	862732	0.85	cps
Indium	115-1	1446872	1438594	1479857	1455108	1.50	cps
Indium	115-2	246843	246379	246313	246512	0.12	cps
Iron	56-2	34424450	34124434	34106166	34218350	0.52	cps
Iron	57-2	860423	849385	847261	852356	0.83	cps
Krypton	83-1	983	930	823	912	8.93	cps
Lead	206-1	3788114	3872586	3883783	3848161	1.36	cps
Lead	207-1	2898120	2916537	2972642	2929100	1.33	cps
Lead	208-1	14121533	14363027	14554789	14346450	1.51	cps
Lithium	6-1	786251	789978	794841	790356	0.55	cps
Magnesium	24-2	321580	317349	320651	319860	0.70	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-02	Instrumnet Name :	P7
Client Sample ID :	MB0AG0D	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:54:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130356	128113	128688	129052	0.90	cps
Molybdenum	94-1	3851	3659	3542	3684	4.23	cps
Molybdenum	95-1	3367	3676	3267	3437	6.20	cps
Molybdenum	96-1	4776	5034	4976	4929	2.75	cps
Molybdenum	97-1	2000	2309	1917	2075	9.94	cps
Molybdenum	98-1	5585	6143	5551	5760	5.77	cps
Neodymium	150-1	16944	16951	16637	16844	1.06	cps
Neodymium	150-2	6078	5928	6125	6044	1.70	cps
Nickel	60-2	9396	9717	9590	9568	1.69	cps
Phosphorus	31-2	1842	2092	2009	1981	6.43	cps
Potassium	39-2	60742	61135	59721	60533	1.21	cps
Rhodium	103-1	1336178	1348608	1360817	1348534	0.91	cps
Rhodium	103-2	573514	578751	580039	577434	0.60	cps
Scandium	45-1	1139900	1159932	1171908	1157247	1.40	cps
Scandium	45-2	41388	41792	41030	41404	0.92	cps
Selenium	77-2	23	17	13	18	28.64	cps
Selenium	78-2	52	63	67	60	12.75	cps
Selenium	82-1	-49	-9	126	23	402.89	cps
Silicon	28-1	5031813	5119857	5045962	5065878	0.93	cps
Silver	109-1	1475	1692	1775	1647	9.40	cps
Silver	107-1	1800	1892	2175	1956	10.00	cps
Sodium	23-2	72191	72316	71664	72057	0.48	cps
Strontium	86-1	45524	45833	46000	45786	0.53	cps
Strontium	88-1	380570	381228	390952	384250	1.51	cps
Sulfur	34-1	292860	295254	297089	295068	0.72	cps
Terbium	159-1	1872272	1892472	1888677	1884474	0.57	cps
Terbium	159-2	845084	841120	843257	843154	0.24	cps
Thallium	203-1	1083	1100	1408	1197	15.29	cps
Thallium	205-1	2450	2342	2675	2489	6.83	cps
Thorium	232-1	48798	49545	49863	49402	1.11	cps
Tin	118-1	8470	8670	8436	8525	1.48	cps
Titanium	47-1	213418	212133	215593	213715	0.82	cps
Uranium	238-1	8503	8061	8345	8303	2.70	cps
Vanadium	51-2	20014	20905	20611	20510	2.21	cps
Yttrium	89-1	1727486	1746097	1769537	1747707	1.21	cps
Yttrium	89-2	211750	209479	210186	210471	0.55	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-02	Instrumnet Name :	P7
Client Sample ID :	MB0AG0D	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:54:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	37197	36726	37889	37271	1.57	cps
Zirconium	90-1	4142	4318	4409	4290	3.16	cps
Zirconium	91-1	933	842	1033	936	10.24	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-03	Instrumnet Name :	P7
Client Sample ID :	MB0AG0S	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:58:31	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	737754	731239	740750	736581	0.66	cps
Antimony	121-1	68953	66910	68175	68013	1.52	cps
Arsenic	75-2	1732	1685	1741	1719	1.73	cps
Barium	135-1	555986	565833	562710	561510	0.90	cps
Barium	137-1	972688	973594	967248	971176	0.35	cps
Beryllium	9-1	18929	18573	18328	18610	1.62	cps
Bismuth	209-1	1127492	1130615	1130970	1129692	0.17	cps
Bismuth	209-2	621669	617431	621074	620058	0.37	cps
Boron	10-1	1784	2017	1992	1931	6.64	cps
Boron	11-1	9295	9145	9720	9387	3.18	cps
Cadmium	111-1	14357	13532	14070	13986	3.00	cps
Cadmium	106-1	1742	1859	1675	1759	5.28	cps
Cadmium	108-1	896	929	829	885	5.76	cps
Calcium	43-1	50178	49158	48898	49411	1.37	cps
Calcium	44-1	803363	797835	792168	797789	0.70	cps
Chromium	52-2	91203	92025	90610	91280	0.78	cps
Cobalt	59-2	226647	227570	225920	226712	0.36	cps
Copper	63-2	587765	587087	584692	586515	0.28	cps
Dysprosium	156-1	11622	10780	11597	11333	4.23	cps
Dysprosium	156-2	5294	5178	5395	5289	2.05	cps
Erbium	164-1	10363	10621	10746	10577	1.85	cps
Erbium	164-2	4911	4377	4724	4671	5.80	cps
Gadolinium	160-1	10429	10263	10396	10363	0.85	cps
Gadolinium	160-2	5164	5258	5248	5223	0.98	cps
Holmium	165-1	1836943	1815488	1865945	1839459	1.38	cps
Holmium	165-2	869388	857993	854067	860483	0.92	cps
Indium	115-1	1444277	1425918	1439082	1436426	0.66	cps
Indium	115-2	243910	244910	245129	244650	0.27	cps
Iron	56-2	32357254	32326892	32304801	32329649	0.08	cps
Iron	57-2	796376	800458	795812	797549	0.32	cps
Krypton	83-1	857	837	967	887	7.89	cps
Lead	206-1	4278107	4297390	4260608	4278702	0.43	cps
Lead	207-1	3280951	3286309	3286956	3284739	0.10	cps
Lead	208-1	16034035	16081525	16110805	16075455	0.24	cps
Lithium	6-1	781620	777612	778928	779387	0.26	cps
Magnesium	24-2	301362	303114	303280	302585	0.35	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-03	Instrumnet Name :	P7
Client Sample ID :	MB0AG0S	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:58:31	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	197936	200011	197859	198602	0.61	cps
Molybdenum	94-1	3367	3434	3284	3362	2.24	cps
Molybdenum	95-1	3301	3484	3492	3426	3.16	cps
Molybdenum	96-1	4709	4484	4559	4584	2.50	cps
Molybdenum	97-1	2242	2267	2134	2214	3.20	cps
Molybdenum	98-1	5401	5501	5493	5465	1.02	cps
Neodymium	150-1	17058	17425	18179	17554	3.26	cps
Neodymium	150-2	5958	6188	5985	6044	2.08	cps
Nickel	60-2	65322	64809	64733	64954	0.49	cps
Phosphorus	31-2	2092	1800	2084	1992	8.34	cps
Potassium	39-2	60131	57847	56869	58282	2.87	cps
Rhodium	103-1	1351536	1337773	1339389	1342900	0.56	cps
Rhodium	103-2	570280	570237	572578	571032	0.23	cps
Scandium	45-1	1139189	1134149	1145366	1139568	0.49	cps
Scandium	45-2	41385	40559	39743	40562	2.02	cps
Selenium	77-2	110	110	123	114	6.73	cps
Selenium	78-2	276	313	285	291	6.62	cps
Selenium	82-1	2079	2209	1931	2073	6.71	cps
Silicon	28-1	5675955	5696650	5716621	5696409	0.36	cps
Silver	109-1	112093	109122	107099	109438	2.30	cps
Silver	107-1	115116	113983	114521	114540	0.50	cps
Sodium	23-2	67938	66138	67804	67293	1.49	cps
Strontium	86-1	44202	45398	45005	44868	1.36	cps
Strontium	88-1	382662	378702	381267	380877	0.53	cps
Sulfur	34-1	288792	289709	286217	288239	0.63	cps
Terbium	159-1	1874785	1847658	1877056	1866500	0.88	cps
Terbium	159-2	827941	828598	834645	830395	0.45	cps
Thallium	203-1	45161	45061	45370	45197	0.35	cps
Thallium	205-1	107763	108879	107173	107938	0.80	cps
Thorium	232-1	52886	53627	54124	53546	1.16	cps
Tin	118-1	11322	11197	11255	11258	0.56	cps
Titanium	47-1	227450	222765	230014	226743	1.62	cps
Uranium	238-1	7953	8445	7936	8111	3.56	cps
Vanadium	51-2	131080	128353	127963	129132	1.31	cps
Yttrium	89-1	1745918	1728590	1729945	1734817	0.56	cps
Yttrium	89-2	207031	208996	208295	208107	0.48	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-03	Instrumnet Name :	P7
Client Sample ID :	MB0AG0S	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 16:58:31	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60475	59213	59668	59785	1.07	cps
Zirconium	90-1	3726	3884	3801	3803	2.08	cps
Zirconium	91-1	842	825	758	808	5.45	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01LX5	Instrumnet Name :	P7
Client Sample ID :	MB0AG0L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:02:07	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140996	142492	138226	140571	1.54	cps
Antimony	121-1	558	483	500	514	7.66	cps
Arsenic	75-2	120	107	109	112	6.24	cps
Barium	135-1	19715	20299	19114	19709	3.01	cps
Barium	137-1	33733	34845	34519	34366	1.66	cps
Beryllium	9-1	250	244	278	257	6.94	cps
Bismuth	209-1	1094057	1099504	1079040	1090867	0.97	cps
Bismuth	209-2	619723	615874	610632	615410	0.74	cps
Boron	10-1	1058	1100	1008	1056	4.35	cps
Boron	11-1	5218	5218	5109	5182	1.21	cps
Cadmium	111-1	399	501	417	439	12.38	cps
Cadmium	106-1	483	575	467	508	11.48	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	9253	9212	8995	9153	1.52	cps
Calcium	44-1	150864	151572	151519	151318	0.26	cps
Chromium	52-2	7949	8139	8056	8048	1.18	cps
Cobalt	59-2	1923	1980	1910	1938	1.92	cps
Copper	63-2	95919	94920	93896	94911	1.07	cps
Dysprosium	156-1	2284	2150	1875	2103	9.90	cps
Dysprosium	156-2	993	997	1000	997	0.34	cps
Erbium	164-1	2000	1992	1859	1950	4.08	cps
Erbium	164-2	883	1003	787	891	12.18	cps
Gadolinium	160-1	1884	2050	1775	1903	7.28	cps
Gadolinium	160-2	1003	957	1060	1007	5.14	cps
Holmium	165-1	1805059	1795320	1763460	1787946	1.22	cps
Holmium	165-2	858982	833710	831621	841438	1.81	cps
Indium	115-1	1393536	1406728	1408811	1403025	0.59	cps
Indium	115-2	243724	239472	240149	241115	0.95	cps
Iron	56-2	6292061	6250963	6283880	6275634	0.35	cps
Iron	57-2	157747	155678	157209	156878	0.68	cps
Krypton	83-1	710	643	617	657	7.32	cps
Lead	206-1	780976	782709	778908	780864	0.24	cps
Lead	207-1	596053	594870	588715	593213	0.66	cps
Lead	208-1	2856966	2859378	2832300	2849548	0.53	cps
Lithium	6-1	754134	758713	748741	753863	0.66	cps
Magnesium	24-2	61368	61108	61427	61301	0.28	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01LX5	Instrumnet Name :	P7
Client Sample ID :	MB0AG0L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:02:07	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24644	24644	23809	24366	1.98	cps
Molybdenum	94-1	742	783	667	731	8.09	cps
Molybdenum	95-1	875	733	758	789	9.58	cps
Molybdenum	96-1	950	900	842	897	6.04	cps
Molybdenum	97-1	492	450	400	447	10.26	cps
Molybdenum	98-1	992	1058	1217	1089	10.61	cps
Neodymium	150-1	2820	2974	2887	2894	2.66	cps
Neodymium	150-2	1127	1147	1193	1156	2.96	cps
Nickel	60-2	1787	1673	1653	1705	4.22	cps
Phosphorus	31-2	408	567	442	472	17.68	cps
Potassium	39-2	21475	21007	22192	21558	2.77	cps
Rhodium	103-1	1305283	1324536	1307934	1312584	0.80	cps
Rhodium	103-2	566972	563376	559056	563135	0.70	cps
Scandium	45-1	1076374	1079355	1072751	1076160	0.31	cps
Scandium	45-2	38788	38072	38467	38442	0.93	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	33	33	31	33	3.27	cps
Selenium	82-1	88	47	2	45	94.44	cps
Silicon	28-1	1051547	1061699	1127518	1080255	3.82	cps
Silver	109-1	467	608	542	539	13.15	cps
Silver	107-1	550	567	467	528	10.15	cps
Sodium	23-2	20573	21199	20631	20801	1.66	cps
Strontium	86-1	9479	9103	9879	9487	4.09	cps
Strontium	88-1	72551	71086	72008	71882	1.03	cps
Sulfur	34-1	269705	270903	269437	270015	0.29	cps
Terbium	159-1	1819754	1842038	1807598	1823130	0.96	cps
Terbium	159-2	816335	827821	803962	816039	1.46	cps
Thallium	203-1	792	542	508	614	25.23	cps
Thallium	205-1	1092	1117	933	1047	9.49	cps
Thorium	232-1	10349	10682	10054	10362	3.03	cps
Tin	118-1	1975	1909	2000	1961	2.42	cps
Titanium	47-1	41593	41618	40791	41334	1.14	cps
Uranium	238-1	2817	3359	3084	3087	8.78	cps
Vanadium	51-2	3801	3761	3711	3757	1.20	cps
Yttrium	89-1	1607219	1582064	1586965	1592083	0.84	cps
Yttrium	89-2	195334	190963	191202	192500	1.28	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01LX5	Instrumnet Name :	P7
Client Sample ID :	MB0AG0L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:02:07	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7359	7262	7055	7225	2.15	cps
Zirconium	90-1	908	892	867	889	2.36	cps
Zirconium	91-1	192	267	217	225	16.97	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-01	Instrumnet Name :	P7
Client Sample ID :	MB0AF9	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:05:41	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	616040	618512	616599	617051	0.21	cps
Antimony	121-1	4959	4493	4334	4595	7.07	cps
Arsenic	75-2	2697	2745	2706	2716	0.94	cps
Barium	135-1	123614	123733	125531	124292	0.86	cps
Barium	137-1	214326	217219	211720	214422	1.28	cps
Beryllium	9-1	2189	2267	2156	2204	2.59	cps
Bismuth	209-1	1119640	1116635	1119781	1118685	0.16	cps
Bismuth	209-2	627376	629509	624923	627269	0.37	cps
Boron	10-1	1275	1283	1375	1311	4.23	cps
Boron	11-1	6668	6018	6126	6271	5.56	cps
Cadmium	111-1	1927	1829	2045	1934	5.60	cps
Cadmium	106-1	875	733	875	828	9.88	cps
Cadmium	108-1	158	163	150	157	4.06	cps
Calcium	43-1	34984	34424	35711	35040	1.84	cps
Calcium	44-1	561214	560236	564540	561996	0.40	cps
Chromium	52-2	244595	241388	240773	242252	0.85	cps
Cobalt	59-2	11525	11418	11478	11474	0.47	cps
Copper	63-2	62369	62848	63019	62745	0.54	cps
Dysprosium	156-1	28197	26852	27704	27584	2.47	cps
Dysprosium	156-2	13083	13060	13186	13110	0.51	cps
Erbium	164-1	28063	28790	27846	28233	1.75	cps
Erbium	164-2	11972	12463	12399	12278	2.17	cps
Gadolinium	160-1	26636	26343	26602	26527	0.60	cps
Gadolinium	160-2	14244	13927	13510	13894	2.65	cps
Holmium	165-1	1835816	1835283	1831374	1834158	0.13	cps
Holmium	165-2	863329	861402	867949	864227	0.39	cps
Indium	115-1	1432398	1421946	1434852	1429732	0.48	cps
Indium	115-2	241984	241062	244066	242371	0.64	cps
Iron	56-2	19033613	18862279	18866189	18920694	0.52	cps
Iron	57-2	465373	464694	466161	465409	0.16	cps
Krypton	83-1	843	853	820	839	2.04	cps
Lead	206-1	156535	156872	156903	156770	0.13	cps
Lead	207-1	126755	126650	127020	126808	0.15	cps
Lead	208-1	596871	595438	597364	596558	0.17	cps
Lithium	6-1	812676	825721	818694	819031	0.80	cps
Magnesium	24-2	152537	153522	153841	153300	0.44	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-01	Instrumnet Name :	P7
Client Sample ID :	MB0AF9	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:05:41	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	65917	66463	66285	66222	0.42	cps
Molybdenum	94-1	4434	4609	4651	4565	2.52	cps
Molybdenum	95-1	4768	4701	4776	4748	0.87	cps
Molybdenum	96-1	5643	6360	6118	6040	6.04	cps
Molybdenum	97-1	3017	3134	3100	3084	1.95	cps
Molybdenum	98-1	7919	7527	7427	7625	3.41	cps
Neodymium	150-1	35132	34638	34524	34765	0.93	cps
Neodymium	150-2	12546	12509	12229	12428	1.40	cps
Nickel	60-2	9617	9136	9306	9353	2.60	cps
Phosphorus	31-2	3434	3476	3284	3398	2.97	cps
Potassium	39-2	46833	46816	47218	46956	0.48	cps
Rhodium	103-1	1349753	1346315	1343408	1346492	0.24	cps
Rhodium	103-2	570723	564400	570052	568392	0.61	cps
Scandium	45-1	1109849	1096340	1112636	1106275	0.79	cps
Scandium	45-2	38550	39560	39583	39231	1.50	cps
Selenium	77-2	73	40	53	56	30.20	cps
Selenium	78-2	74	102	85	87	16.06	cps
Selenium	82-1	210	254	331	265	23.09	cps
Silicon	28-1	5635074	5908290	5619144	5720836	2.84	cps
Silver	109-1	1017	1067	1017	1033	2.79	cps
Silver	107-1	992	1217	992	1067	12.18	cps
Sodium	23-2	71253	72007	72031	71764	0.62	cps
Strontium	86-1	17069	17111	17344	17175	0.86	cps
Strontium	88-1	134024	137917	138398	136780	1.75	cps
Sulfur	34-1	282702	282005	281783	282164	0.17	cps
Terbium	159-1	1881997	1891041	1889995	1887678	0.26	cps
Terbium	159-2	834351	839324	832360	835345	0.43	cps
Thallium	203-1	1208	1083	1075	1122	6.66	cps
Thallium	205-1	2125	2542	2400	2356	9.00	cps
Thorium	232-1	10933	11227	11238	11133	1.56	cps
Tin	118-1	7786	7394	7519	7566	2.65	cps
Titanium	47-1	224381	218526	223042	221983	1.38	cps
Uranium	238-1	11080	11364	10788	11077	2.60	cps
Vanadium	51-2	30709	31003	30869	30860	0.48	cps
Yttrium	89-1	2022490	2016991	2059867	2033116	1.15	cps
Yttrium	89-2	241423	242206	242675	242101	0.26	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-01	Instrumnet Name :	P7
Client Sample ID :	MB0AF9	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:05:41	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	125700	125461	125219	125460	0.19	cps
Zirconium	90-1	5026	5376	5694	5366	6.23	cps
Zirconium	91-1	1058	1250	1092	1133	9.04	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-02	Instrumnet Name :	P7
Client Sample ID :	MB0AF9D	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:09:15	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	637194	620199	628049	628481	1.35	cps
Antimony	121-1	4684	4534	4384	4534	3.31	cps
Arsenic	75-2	2813	2674	2776	2755	2.61	cps
Barium	135-1	127535	127214	126986	127245	0.22	cps
Barium	137-1	224826	221168	222521	222838	0.83	cps
Beryllium	9-1	2472	2495	2211	2393	6.59	cps
Bismuth	209-1	1135315	1133949	1134999	1134754	0.06	cps
Bismuth	209-2	629641	625879	622599	626040	0.56	cps
Boron	10-1	1425	1292	1550	1422	9.08	cps
Boron	11-1	6185	6135	6143	6154	0.44	cps
Cadmium	111-1	2087	1890	2193	2057	7.47	cps
Cadmium	106-1	842	725	1050	872	18.88	cps
Cadmium	108-1	104	150	108	121	20.97	cps
Calcium	43-1	36563	35661	37665	36630	2.74	cps
Calcium	44-1	585925	579714	573426	579689	1.08	cps
Chromium	52-2	246913	245278	245068	245753	0.41	cps
Cobalt	59-2	11538	11531	11461	11510	0.37	cps
Copper	63-2	65998	63621	63939	64520	2.00	cps
Dysprosium	156-1	28572	27278	27921	27924	2.32	cps
Dysprosium	156-2	13867	13023	13634	13508	3.23	cps
Erbium	164-1	28890	28464	29149	28834	1.20	cps
Erbium	164-2	13053	12719	12883	12885	1.29	cps
Gadolinium	160-1	28422	28247	28389	28353	0.33	cps
Gadolinium	160-2	14211	14221	14071	14168	0.59	cps
Holmium	165-1	1869091	1860869	1860389	1863449	0.26	cps
Holmium	165-2	867765	867682	860226	865224	0.50	cps
Indium	115-1	1455041	1441112	1457495	1451216	0.61	cps
Indium	115-2	248070	242273	241085	243809	1.53	cps
Iron	56-2	19560524	18983569	19162791	19235628	1.54	cps
Iron	57-2	479268	473040	470115	474141	0.99	cps
Krypton	83-1	837	813	887	846	4.43	cps
Lead	206-1	164094	161972	163260	163108	0.66	cps
Lead	207-1	133769	130907	131894	132190	1.10	cps
Lead	208-1	625875	615829	621704	621136	0.81	cps
Lithium	6-1	819593	821767	814942	818767	0.43	cps
Magnesium	24-2	164535	157461	159643	160546	2.26	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-02	Instrumnet Name :	P7
Client Sample ID :	MB0AF9D	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:09:15	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	66912	66349	68020	67093	1.27	cps
Molybdenum	94-1	5043	4443	4935	4807	6.66	cps
Molybdenum	95-1	4993	4984	5218	5065	2.61	cps
Molybdenum	96-1	5826	5560	6235	5874	5.79	cps
Molybdenum	97-1	2925	3109	3142	3059	3.81	cps
Molybdenum	98-1	8036	8086	7878	8000	1.36	cps
Neodymium	150-1	36282	35601	35032	35638	1.76	cps
Neodymium	150-2	12776	12693	12416	12628	1.49	cps
Nickel	60-2	9653	9470	9637	9587	1.06	cps
Phosphorus	31-2	3834	3667	3584	3695	3.45	cps
Potassium	39-2	46716	48555	47636	47636	1.93	cps
Rhodium	103-1	1347526	1367943	1357870	1357779	0.75	cps
Rhodium	103-2	577135	561746	569782	569554	1.35	cps
Scandium	45-1	1114297	1114748	1113478	1114174	0.06	cps
Scandium	45-2	40031	39854	38905	39596	1.53	cps
Selenium	77-2	57	60	63	60	5.55	cps
Selenium	78-2	85	109	113	102	14.72	cps
Selenium	82-1	263	358	189	270	31.48	cps
Silicon	28-1	5788159	5969051	5800641	5852617	1.73	cps
Silver	109-1	1050	1183	1117	1117	5.97	cps
Silver	107-1	917	1083	1167	1056	12.06	cps
Sodium	23-2	75055	73858	73388	74100	1.16	cps
Strontium	86-1	17111	17344	17128	17194	0.76	cps
Strontium	88-1	144129	139855	140048	141344	1.71	cps
Sulfur	34-1	276513	274787	273608	274969	0.53	cps
Terbium	159-1	1922783	1916538	1889714	1909678	0.92	cps
Terbium	159-2	855191	833464	842358	843671	1.29	cps
Thallium	203-1	1450	1383	1117	1317	13.40	cps
Thallium	205-1	2392	2417	2317	2375	2.19	cps
Thorium	232-1	11722	10921	11366	11337	3.54	cps
Tin	118-1	7802	7686	7761	7750	0.76	cps
Titanium	47-1	222470	219181	224030	221894	1.12	cps
Uranium	238-1	11914	11239	11372	11508	3.11	cps
Vanadium	51-2	32296	31404	31594	31764	1.48	cps
Yttrium	89-1	2071566	2067904	2069665	2069712	0.09	cps
Yttrium	89-2	248989	242011	245083	245361	1.43	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-02	Instrumnet Name :	P7
Client Sample ID :	MB0AF9D	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:09:15	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	129008	127018	126667	127564	0.99	cps
Zirconium	90-1	5034	5518	5151	5235	4.82	cps
Zirconium	91-1	1626	1317	1117	1353	18.94	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : K5714-03 Instrumnet Name : P7
 Client Sample ID : MB0AF9S Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 17:12:49 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	646926	638256	635937	640373	0.90	cps
Antimony	121-1	82736	84631	83197	83521	1.18	cps
Arsenic	75-2	3891	3788	3939	3873	2.00	cps
Barium	135-1	586582	575226	579483	580430	0.99	cps
Barium	137-1	1009962	998614	1008726	1005767	0.62	cps
Beryllium	9-1	19468	19619	19418	19502	0.53	cps
Bismuth	209-1	1124813	1113485	1136542	1124947	1.02	cps
Bismuth	209-2	625858	626595	625089	625847	0.12	cps
Boron	10-1	1358	1375	1367	1367	0.61	cps
Boron	11-1	6018	6460	6377	6285	3.74	cps
Cadmium	111-1	15026	14751	15448	15075	2.33	cps
Cadmium	106-1	2000	1875	2159	2011	7.06	cps
Cadmium	108-1	963	883	904	917	4.48	cps
Calcium	43-1	34725	33840	33648	34071	1.69	cps
Calcium	44-1	541880	542036	545617	543178	0.39	cps
Chromium	52-2	278817	276712	274805	276778	0.73	cps
Cobalt	59-2	224405	223647	226533	224862	0.67	cps
Copper	63-2	128186	127921	129181	128429	0.52	cps
Dysprosium	156-1	26969	28456	27963	27796	2.72	cps
Dysprosium	156-2	13003	13594	12943	13180	2.73	cps
Erbium	164-1	27988	28631	27913	28177	1.40	cps
Erbium	164-2	12483	12302	12573	12452	1.10	cps
Gadolinium	160-1	27403	27211	27804	27473	1.10	cps
Gadolinium	160-2	13557	14034	13747	13779	1.74	cps
Holmium	165-1	1864497	1806176	1834416	1835029	1.59	cps
Holmium	165-2	864563	859203	858958	860908	0.37	cps
Indium	115-1	1451466	1422937	1439385	1437929	1.00	cps
Indium	115-2	242367	242768	244070	243068	0.37	cps
Iron	56-2	20157569	20139242	20067251	20121354	0.24	cps
Iron	57-2	499835	494763	496559	497052	0.52	cps
Krypton	83-1	850	923	900	891	4.20	cps
Lead	206-1	176724	173276	175445	175148	1.00	cps
Lead	207-1	141126	140059	141420	140868	0.51	cps
Lead	208-1	666063	658539	668078	664226	0.76	cps
Lithium	6-1	808296	808202	807594	808031	0.05	cps
Magnesium	24-2	168268	165421	166224	166638	0.88	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-03	Instrumnet Name :	P7
Client Sample ID :	MB0AF9S	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:12:49	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	144007	141554	141598	142386	0.99	cps
Molybdenum	94-1	4809	5151	4951	4971	3.46	cps
Molybdenum	95-1	5335	5043	5168	5182	2.82	cps
Molybdenum	96-1	5985	6535	6310	6277	4.41	cps
Molybdenum	97-1	3100	2825	3017	2981	4.73	cps
Molybdenum	98-1	8086	8470	8069	8208	2.76	cps
Neodymium	150-1	34651	34751	34871	34758	0.32	cps
Neodymium	150-2	12039	12229	11725	11998	2.12	cps
Nickel	60-2	64374	64581	64743	64566	0.29	cps
Phosphorus	31-2	3517	3534	3784	3612	4.14	cps
Potassium	39-2	47468	46649	45814	46644	1.77	cps
Rhodium	103-1	1338636	1339883	1343508	1340676	0.19	cps
Rhodium	103-2	567631	566935	568558	567708	0.14	cps
Scandium	45-1	1111209	1096189	1095696	1101031	0.80	cps
Scandium	45-2	39479	38968	39108	39185	0.67	cps
Selenium	77-2	147	130	137	138	6.09	cps
Selenium	78-2	335	341	317	331	3.81	cps
Selenium	82-1	2415	2233	2276	2308	4.12	cps
Silicon	28-1	6395766	6282929	6395485	6358060	1.02	cps
Silver	109-1	105747	108154	109742	107881	1.86	cps
Silver	107-1	113453	112218	112724	112798	0.55	cps
Sodium	23-2	71982	71019	71731	71578	0.70	cps
Strontium	86-1	18254	17662	19030	18315	3.75	cps
Strontium	88-1	147345	141418	145890	144884	2.13	cps
Sulfur	34-1	271650	270582	268647	270293	0.56	cps
Terbium	159-1	1890710	1895025	1898667	1894801	0.21	cps
Terbium	159-2	838873	847449	839627	841983	0.56	cps
Thallium	203-1	44459	43681	43389	43843	1.26	cps
Thallium	205-1	104905	104064	103846	104272	0.54	cps
Thorium	232-1	13485	13274	13413	13391	0.80	cps
Tin	118-1	7377	7277	7060	7238	2.24	cps
Titanium	47-1	189548	190180	189969	189899	0.17	cps
Uranium	238-1	10563	11431	10922	10972	3.97	cps
Vanadium	51-2	137211	135708	136065	136328	0.58	cps
Yttrium	89-1	2026955	2005665	2036435	2023018	0.78	cps
Yttrium	89-2	242212	240538	241606	241452	0.35	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-03	Instrumnet Name :	P7
Client Sample ID :	MB0AF9S	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:12:49	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	144972	144224	144377	144524	0.27	cps
Zirconium	90-1	5185	5468	5226	5293	2.89	cps
Zirconium	91-1	1258	1125	1083	1156	7.91	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-01LX5	Instrumnet Name :	P7
Client Sample ID :	MB0AF9L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:16:23	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120358	120760	120493	120537	0.17	cps
Antimony	121-1	725	900	908	845	12.26	cps
Arsenic	75-2	478	537	519	511	5.93	cps
Barium	135-1	24740	25015	23963	24573	2.22	cps
Barium	137-1	42935	42282	42124	42447	1.01	cps
Beryllium	9-1	539	450	522	504	9.38	cps
Bismuth	209-1	1110895	1100992	1098523	1103470	0.59	cps
Bismuth	209-2	613410	615938	617083	615477	0.31	cps
Boron	10-1	850	975	825	883	9.10	cps
Boron	11-1	3801	4051	3976	3942	3.26	cps
Cadmium	111-1	628	604	615	616	1.96	cps
Cadmium	106-1	475	425	433	444	6.03	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	7035	6927	7177	7046	1.78	cps
Calcium	44-1	114038	114835	115231	114701	0.53	cps
Chromium	52-2	47687	47383	48062	47711	0.71	cps
Cobalt	59-2	2144	2120	2157	2140	0.87	cps
Copper	63-2	12716	12609	12229	12518	2.05	cps
Dysprosium	156-1	5651	5568	5426	5549	2.05	cps
Dysprosium	156-2	2670	2614	2530	2605	2.70	cps
Erbium	164-1	5768	5626	5776	5724	1.47	cps
Erbium	164-2	2630	2387	2550	2522	4.92	cps
Gadolinium	160-1	5376	4951	5585	5304	6.09	cps
Gadolinium	160-2	2740	2854	2810	2801	2.04	cps
Holmium	165-1	1796373	1773062	1786218	1785218	0.65	cps
Holmium	165-2	844715	837341	843197	841751	0.46	cps
Indium	115-1	1411128	1405368	1387477	1401324	0.88	cps
Indium	115-2	239504	240868	242019	240797	0.52	cps
Iron	56-2	3656334	3616309	3610698	3627780	0.69	cps
Iron	57-2	91417	89387	91440	90748	1.30	cps
Krypton	83-1	883	800	880	854	5.52	cps
Lead	206-1	31677	30881	31967	31508	1.78	cps
Lead	207-1	25865	25842	25815	25841	0.10	cps
Lead	208-1	121390	120203	122244	121279	0.85	cps
Lithium	6-1	747651	740109	740396	742719	0.58	cps
Magnesium	24-2	30240	30799	31100	30713	1.42	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-01LX5	Instrumnet Name :	P7
Client Sample ID :	MB0AF9L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:16:23	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13179	12836	12926	12980	1.37	cps
Molybdenum	94-1	1033	917	983	978	5.99	cps
Molybdenum	95-1	917	1008	1042	989	6.55	cps
Molybdenum	96-1	1183	1167	1067	1139	5.54	cps
Molybdenum	97-1	550	550	658	586	10.67	cps
Molybdenum	98-1	1492	1433	1475	1467	2.05	cps
Neodymium	150-1	6722	7169	6942	6944	3.22	cps
Neodymium	150-2	2554	2384	2184	2374	7.80	cps
Nickel	60-2	1860	1833	1817	1837	1.19	cps
Phosphorus	31-2	675	717	775	722	6.95	cps
Potassium	39-2	20298	19672	18846	19605	3.71	cps
Rhodium	103-1	1319972	1292562	1312108	1308214	1.08	cps
Rhodium	103-2	559980	559842	562240	560687	0.24	cps
Scandium	45-1	1050630	1052126	1053893	1052216	0.16	cps
Scandium	45-2	38484	37735	37481	37900	1.38	cps
Selenium	77-2	23	0	10	11	105.35	cps
Selenium	78-2	46	41	54	47	13.86	cps
Selenium	82-1	-18	5	10	-1	-1559.38	cps
Silicon	28-1	1206942	1199404	1202281	1202876	0.32	cps
Silver	109-1	358	308	475	381	22.47	cps
Silver	107-1	342	367	292	333	11.46	cps
Sodium	23-2	21550	21717	21875	21714	0.75	cps
Strontium	86-1	4159	4326	4693	4393	6.21	cps
Strontium	88-1	25841	26375	26434	26217	1.25	cps
Sulfur	34-1	254648	255190	253801	254546	0.28	cps
Terbium	159-1	1848521	1835363	1836085	1839990	0.40	cps
Terbium	159-2	814484	822410	819796	818897	0.49	cps
Thallium	203-1	492	542	575	536	7.82	cps
Thallium	205-1	908	1033	908	950	7.60	cps
Thorium	232-1	3284	3384	3095	3254	4.51	cps
Tin	118-1	2017	1650	2009	1892	11.07	cps
Titanium	47-1	42939	43490	41292	42574	2.69	cps
Uranium	238-1	3776	3701	3509	3662	3.76	cps
Vanadium	51-2	6035	6101	6051	6062	0.57	cps
Yttrium	89-1	1653746	1635959	1633372	1641026	0.68	cps
Yttrium	89-2	198790	200094	198037	198974	0.52	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5714-01LX5	Instrumnet Name :	P7
Client Sample ID :	MB0AF9L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:16:23	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	24461	23890	23977	24109	1.28	cps
Zirconium	90-1	950	1125	1075	1050	8.58	cps
Zirconium	91-1	208	200	258	222	14.20	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0DL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:19:58	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358219	356209	356172	356867	0.33	cps
Antimony	121-1	1083	1083	1117	1095	1.76	cps
Arsenic	75-2	335	293	267	298	11.60	cps
Barium	135-1	51932	52458	50134	51508	2.37	cps
Barium	137-1	88792	88987	88106	88629	0.52	cps
Beryllium	9-1	478	578	583	546	10.87	cps
Bismuth	209-1	1090997	1105486	1102695	1099726	0.70	cps
Bismuth	209-2	616895	609692	618416	615001	0.76	cps
Boron	10-1	1058	1175	1242	1158	8.01	cps
Boron	11-1	5468	5234	5168	5290	2.98	cps
Cadmium	111-1	528	552	520	533	3.13	cps
Cadmium	106-1	558	600	550	569	4.70	cps
Cadmium	108-1	13	38	33	28	48.22	cps
Calcium	43-1	22994	24964	23503	23820	4.29	cps
Calcium	44-1	389641	389415	386912	388656	0.39	cps
Chromium	52-2	20011	19370	19687	19689	1.63	cps
Cobalt	59-2	5098	5224	5131	5151	1.28	cps
Copper	63-2	243631	242025	244603	243420	0.53	cps
Dysprosium	156-1	5610	5560	5576	5582	0.46	cps
Dysprosium	156-2	2567	2544	2667	2593	2.53	cps
Erbium	164-1	4784	5468	5201	5151	6.69	cps
Erbium	164-2	2354	2544	2344	2414	4.67	cps
Gadolinium	160-1	4701	4659	4776	4712	1.26	cps
Gadolinium	160-2	2487	2650	2314	2484	6.78	cps
Holmium	165-1	1817972	1798503	1790333	1802269	0.79	cps
Holmium	165-2	844663	850527	845099	846763	0.39	cps
Indium	115-1	1384593	1405720	1385870	1392061	0.85	cps
Indium	115-2	239105	238725	237808	238546	0.28	cps
Iron	56-2	15922012	16069140	15967001	15986051	0.47	cps
Iron	57-2	390415	389874	393155	391148	0.45	cps
Krypton	83-1	873	877	800	850	5.10	cps
Lead	206-1	2100711	2126410	2107908	2111676	0.63	cps
Lead	207-1	1618062	1615535	1616140	1616579	0.08	cps
Lead	208-1	7622223	7741991	7716482	7693565	0.82	cps
Lithium	6-1	737736	741881	736700	738773	0.37	cps
Magnesium	24-2	158438	159448	162003	159963	1.15	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0DL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:19:58	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	62452	62090	63065	62536	0.79	cps
Molybdenum	94-1	1667	1675	1792	1711	4.09	cps
Molybdenum	95-1	1634	1625	1750	1670	4.19	cps
Molybdenum	96-1	2534	2542	2392	2489	3.39	cps
Molybdenum	97-1	1042	1033	1142	1072	5.62	cps
Molybdenum	98-1	2584	3142	2600	2775	11.45	cps
Neodymium	150-1	8356	8303	8003	8221	2.32	cps
Neodymium	150-2	2997	3080	2854	2977	3.85	cps
Nickel	60-2	4554	4784	4718	4685	2.53	cps
Phosphorus	31-2	992	758	958	903	13.98	cps
Potassium	39-2	36195	36253	36579	36343	0.57	cps
Rhodium	103-1	1315952	1298177	1307939	1307356	0.68	cps
Rhodium	103-2	551997	565828	559515	559113	1.24	cps
Scandium	45-1	1055912	1082273	1063575	1067253	1.27	cps
Scandium	45-2	38143	38691	38544	38459	0.74	cps
Selenium	77-2	7	13	13	11	34.61	cps
Selenium	78-2	33	43	50	42	19.90	cps
Selenium	82-1	-46	-9	-22	-26	-73.63	cps
Silicon	28-1	2631024	2521267	2512487	2554926	2.59	cps
Silver	109-1	775	858	717	783	9.09	cps
Silver	107-1	808	833	783	808	3.09	cps
Sodium	23-2	39963	40297	39980	40080	0.47	cps
Strontium	86-1	23695	23988	23044	23576	2.05	cps
Strontium	88-1	187182	189467	187026	187892	0.73	cps
Sulfur	34-1	258819	257580	261556	259318	0.78	cps
Terbium	159-1	1845725	1832478	1824866	1834356	0.58	cps
Terbium	159-2	826636	827329	822640	825535	0.31	cps
Thallium	203-1	608	492	708	603	17.99	cps
Thallium	205-1	1292	1167	1267	1242	5.33	cps
Thorium	232-1	25826	25654	26995	26158	2.79	cps
Tin	118-1	5001	4634	4743	4793	3.93	cps
Titanium	47-1	105249	106701	108103	106685	1.34	cps
Uranium	238-1	4801	5193	5460	5151	6.43	cps
Vanadium	51-2	10040	9693	10090	9941	2.17	cps
Yttrium	89-1	1635218	1618735	1601151	1618368	1.05	cps
Yttrium	89-2	194661	196740	194596	195332	0.62	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0DL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:19:58	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20328	20211	19927	20155	1.02	cps
Zirconium	90-1	2000	2150	2059	2070	3.65	cps
Zirconium	91-1	583	492	508	528	9.25	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0DDL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:23:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360461	361363	364310	362045	0.56	cps
Antimony	121-1	975	1050	942	989	5.61	cps
Arsenic	75-2	304	272	280	285	5.77	cps
Barium	135-1	53035	50601	52316	51984	2.41	cps
Barium	137-1	89380	85959	89035	88125	2.14	cps
Beryllium	9-1	561	528	589	559	5.47	cps
Bismuth	209-1	1103415	1097520	1107796	1102911	0.47	cps
Bismuth	209-2	623648	612593	617785	618009	0.89	cps
Boron	10-1	1192	1150	1000	1114	9.05	cps
Boron	11-1	4493	4301	4576	4456	3.17	cps
Cadmium	111-1	625	540	549	571	8.18	cps
Cadmium	106-1	633	592	558	594	6.32	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	23662	23377	23570	23536	0.62	cps
Calcium	44-1	374584	377266	377393	376414	0.42	cps
Chromium	52-2	19757	19446	19880	19694	1.14	cps
Cobalt	59-2	5134	5068	4781	4994	3.76	cps
Copper	63-2	242854	242339	244192	243128	0.39	cps
Dysprosium	156-1	5660	5451	5568	5560	1.88	cps
Dysprosium	156-2	2500	2774	2634	2636	5.19	cps
Erbium	164-1	5201	5251	5460	5304	2.58	cps
Erbium	164-2	2417	2274	2347	2346	3.06	cps
Gadolinium	160-1	5151	4968	5093	5071	1.85	cps
Gadolinium	160-2	2627	2594	2464	2561	3.37	cps
Holmium	165-1	1817933	1770244	1802815	1796998	1.36	cps
Holmium	165-2	847798	837101	846701	843867	0.70	cps
Indium	115-1	1412634	1400474	1392697	1401935	0.72	cps
Indium	115-2	238546	238060	242230	239612	0.95	cps
Iron	56-2	16543268	16413652	16707594	16554838	0.89	cps
Iron	57-2	411385	406231	411349	409655	0.72	cps
Krypton	83-1	870	783	780	811	6.29	cps
Lead	206-1	1948643	1911396	1900952	1920330	1.31	cps
Lead	207-1	1465566	1449308	1456278	1457051	0.56	cps
Lead	208-1	7002723	6934943	6927922	6955196	0.59	cps
Lithium	6-1	745107	740881	741988	742659	0.30	cps
Magnesium	24-2	151199	149263	151426	150629	0.79	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0DDL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:23:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60759	60561	62087	61135	1.36	cps
Molybdenum	94-1	1659	1792	1692	1714	4.05	cps
Molybdenum	95-1	1608	1658	1700	1656	2.77	cps
Molybdenum	96-1	2459	2275	2450	2395	4.32	cps
Molybdenum	97-1	1042	917	858	939	9.98	cps
Molybdenum	98-1	2792	2684	2884	2786	3.59	cps
Neodymium	150-1	7903	7729	8196	7943	2.97	cps
Neodymium	150-2	2864	3000	2977	2947	2.48	cps
Nickel	60-2	4464	4567	4704	4579	2.63	cps
Phosphorus	31-2	1050	1075	908	1011	8.89	cps
Potassium	39-2	34675	34216	35494	34795	1.86	cps
Rhodium	103-1	1310616	1305657	1316747	1311007	0.42	cps
Rhodium	103-2	553063	561521	562346	558976	0.92	cps
Scandium	45-1	1061548	1068226	1065808	1065194	0.32	cps
Scandium	45-2	37691	37451	39105	38082	2.35	cps
Selenium	77-2	13	7	10	10	33.30	cps
Selenium	78-2	50	46	26	41	31.81	cps
Selenium	82-1	-8	52	37	27	116.42	cps
Silicon	28-1	2401597	2433242	2454271	2429703	1.09	cps
Silver	109-1	842	717	750	770	8.41	cps
Silver	107-1	808	900	750	820	9.23	cps
Sodium	23-2	37573	36838	37823	37411	1.37	cps
Strontium	86-1	23094	23871	23378	23448	1.68	cps
Strontium	88-1	186362	187684	186231	186759	0.43	cps
Sulfur	34-1	253505	252204	252141	252616	0.30	cps
Terbium	159-1	1833273	1824979	1826670	1828307	0.24	cps
Terbium	159-2	822203	821609	829352	824388	0.52	cps
Thallium	203-1	700	625	642	656	6.01	cps
Thallium	205-1	1167	1092	1033	1097	6.09	cps
Thorium	232-1	25347	25002	25487	25279	0.99	cps
Tin	118-1	3992	4284	4384	4220	4.82	cps
Titanium	47-1	102320	105176	101390	102962	1.92	cps
Uranium	238-1	5168	4659	5351	5060	7.09	cps
Vanadium	51-2	9917	9727	9803	9816	0.97	cps
Yttrium	89-1	1610550	1627740	1624613	1620967	0.56	cps
Yttrium	89-2	193067	196952	195705	195241	1.02	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0DDL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:23:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	18255	17811	18188	18085	1.32	cps
Zirconium	90-1	2042	2217	2000	2086	5.51	cps
Zirconium	91-1	408	567	483	486	16.29	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0SDL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:27:08	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	354694	345849	358021	352855	1.78	cps
Antimony	121-1	33249	34026	34059	33778	1.36	cps
Arsenic	75-2	859	791	822	824	4.16	cps
Barium	135-1	280026	280258	279809	280031	0.08	cps
Barium	137-1	482793	486439	479370	482867	0.73	cps
Beryllium	9-1	9136	8603	8892	8877	3.01	cps
Bismuth	209-1	1110971	1123272	1100381	1111541	1.03	cps
Bismuth	209-2	620332	621047	613835	618405	0.64	cps
Boron	10-1	875	933	950	920	4.28	cps
Boron	11-1	4301	4242	4359	4301	1.36	cps
Cadmium	111-1	6728	6964	7231	6974	3.61	cps
Cadmium	106-1	1117	1233	1083	1145	6.88	cps
Cadmium	108-1	496	483	446	475	5.48	cps
Calcium	43-1	24054	23570	23978	23867	1.09	cps
Calcium	44-1	387150	391032	381970	386717	1.18	cps
Chromium	52-2	45096	44193	43986	44425	1.33	cps
Cobalt	59-2	110231	110073	108968	109758	0.63	cps
Copper	63-2	289200	286960	284711	286957	0.78	cps
Dysprosium	156-1	5460	5560	5493	5504	0.93	cps
Dysprosium	156-2	2640	2707	2587	2645	2.27	cps
Erbium	164-1	5093	5560	5260	5304	4.46	cps
Erbium	164-2	2324	2550	2364	2412	5.02	cps
Gadolinium	160-1	5260	5151	5068	5160	1.86	cps
Gadolinium	160-2	2587	2624	2590	2600	0.78	cps
Holmium	165-1	1805143	1825361	1800985	1810497	0.72	cps
Holmium	165-2	850899	846295	831483	842892	1.20	cps
Indium	115-1	1415326	1423808	1414803	1417979	0.36	cps
Indium	115-2	240485	241906	238538	240310	0.70	cps
Iron	56-2	15435777	15720172	15687945	15614632	1.00	cps
Iron	57-2	380910	383077	388761	384249	1.06	cps
Krypton	83-1	900	780	810	830	7.52	cps
Lead	206-1	2169130	2188605	2161682	2173139	0.64	cps
Lead	207-1	1668339	1660513	1666393	1665082	0.24	cps
Lead	208-1	7870306	7951260	7894019	7905195	0.53	cps
Lithium	6-1	749202	737761	737956	741640	0.88	cps
Magnesium	24-2	147388	143288	143408	144695	1.61	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0SDL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:27:08	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	96058	97629	96816	96834	0.81	cps
Molybdenum	94-1	1884	1692	1675	1750	6.62	cps
Molybdenum	95-1	1533	1725	1650	1636	5.90	cps
Molybdenum	96-1	2359	2009	2384	2250	9.32	cps
Molybdenum	97-1	950	983	908	947	3.97	cps
Molybdenum	98-1	2400	2542	2642	2528	4.80	cps
Neodymium	150-1	8403	8249	8509	8387	1.56	cps
Neodymium	150-2	2830	3114	2964	2969	4.78	cps
Nickel	60-2	32018	31143	31764	31642	1.42	cps
Phosphorus	31-2	908	983	908	933	4.64	cps
Potassium	39-2	34340	35268	33021	34210	3.30	cps
Rhodium	103-1	1299198	1322752	1315163	1312371	0.92	cps
Rhodium	103-2	559509	558828	554889	557742	0.45	cps
Scandium	45-1	1075304	1084868	1061822	1073998	1.08	cps
Scandium	45-2	38931	38514	37621	38355	1.74	cps
Selenium	77-2	27	27	30	28	6.92	cps
Selenium	78-2	176	169	131	159	15.01	cps
Selenium	82-1	975	1026	993	998	2.59	cps
Silicon	28-1	2807508	2785970	2753494	2782324	0.98	cps
Silver	109-1	55971	53285	55777	55011	2.72	cps
Silver	107-1	57125	56481	57518	57041	0.92	cps
Sodium	23-2	36354	35351	36997	36234	2.29	cps
Strontium	86-1	22518	23128	23011	22886	1.41	cps
Strontium	88-1	187053	189965	189776	188931	0.86	cps
Sulfur	34-1	250277	251243	249708	250409	0.31	cps
Terbium	159-1	1882041	1862105	1838263	1860803	1.18	cps
Terbium	159-2	831035	824927	826636	827532	0.38	cps
Thallium	203-1	22328	22386	23138	22617	2.00	cps
Thallium	205-1	51727	53409	53417	52851	1.84	cps
Thorium	232-1	27184	26856	27118	27053	0.64	cps
Tin	118-1	5910	5785	5943	5879	1.42	cps
Titanium	47-1	110167	109287	107852	109102	1.07	cps
Uranium	238-1	4960	5010	4809	4926	2.11	cps
Vanadium	51-2	62093	62047	61170	61770	0.84	cps
Yttrium	89-1	1624536	1650180	1622787	1632501	0.94	cps
Yttrium	89-2	195965	195445	192368	194593	1.00	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MB0AG0SDL	Dilution Factor :	2
Date & Time Acquired ::	2019-11-07 17:27:08	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	28835	28635	29239	28903	1.07	cps
Zirconium	90-1	1867	2067	2125	2020	6.71	cps
Zirconium	91-1	442	492	450	461	5.81	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MB0AG0LDL	Dilution Factor :	10
Date & Time Acquired ::	2019-11-07 17:30:42	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69303	68709	69722	69244	0.74	cps
Antimony	121-1	258	317	250	275	13.21	cps
Arsenic	75-2	67	56	46	56	18.16	cps
Barium	135-1	9937	10146	9737	9940	2.06	cps
Barium	137-1	17278	17236	17412	17309	0.53	cps
Beryllium	9-1	111	94	156	120	26.24	cps
Bismuth	209-1	1087603	1088255	1092282	1089380	0.23	cps
Bismuth	209-2	608165	611006	606816	608662	0.35	cps
Boron	10-1	692	692	625	669	5.75	cps
Boron	11-1	2634	2975	2717	2775	6.42	cps
Cadmium	111-1	416	400	362	393	7.04	cps
Cadmium	106-1	567	508	450	508	11.48	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	4451	4793	4443	4562	4.38	cps
Calcium	44-1	74874	77772	77907	76851	2.23	cps
Chromium	52-2	4164	4131	4197	4164	0.80	cps
Cobalt	59-2	1067	943	1003	1004	6.14	cps
Copper	63-2	47086	46785	46614	46828	0.51	cps
Dysprosium	156-1	1100	1042	1092	1078	2.93	cps
Dysprosium	156-2	467	577	523	522	10.53	cps
Erbium	164-1	775	1008	1058	947	15.97	cps
Erbium	164-2	487	453	520	487	6.85	cps
Gadolinium	160-1	883	958	1058	967	9.08	cps
Gadolinium	160-2	513	530	453	499	8.08	cps
Holmium	165-1	1739401	1777952	1784702	1767352	1.38	cps
Holmium	165-2	827892	839010	824231	830378	0.93	cps
Indium	115-1	1369793	1365453	1386202	1373816	0.80	cps
Indium	115-2	238462	235941	237072	237158	0.53	cps
Iron	56-2	3048885	3113225	3081629	3081246	1.04	cps
Iron	57-2	75790	78878	77812	77493	2.02	cps
Krypton	83-1	833	753	753	780	5.92	cps
Lead	206-1	398402	400002	398025	398810	0.26	cps
Lead	207-1	302660	303577	302570	302936	0.18	cps
Lead	208-1	1448129	1448517	1455858	1450835	0.30	cps
Lithium	6-1	711909	710718	721201	714610	0.80	cps
Magnesium	24-2	29906	30373	30223	30167	0.79	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MB0AG0LDL	Dilution Factor :	10
Date & Time Acquired ::	2019-11-07 17:30:42	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11701	12405	11878	11995	3.05	cps
Molybdenum	94-1	342	408	375	375	8.89	cps
Molybdenum	95-1	417	392	292	367	18.04	cps
Molybdenum	96-1	358	458	525	447	18.76	cps
Molybdenum	97-1	208	217	158	194	16.23	cps
Molybdenum	98-1	550	458	567	525	11.11	cps
Neodymium	150-1	1727	1700	1520	1649	6.82	cps
Neodymium	150-2	557	580	567	568	2.06	cps
Nickel	60-2	887	940	860	896	4.55	cps
Phosphorus	31-2	242	275	175	231	22.08	cps
Potassium	39-2	16368	16401	16326	16365	0.23	cps
Rhodium	103-1	1263692	1289471	1293619	1282261	1.26	cps
Rhodium	103-2	545361	554644	556164	552056	1.06	cps
Scandium	45-1	1028571	1035659	1027935	1030722	0.42	cps
Scandium	45-2	36455	37167	36636	36752	1.01	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	39	33	30	34	13.73	cps
Selenium	82-1	-44	70	69	32	208.74	cps
Silicon	28-1	577621	581207	573602	577477	0.66	cps
Silver	109-1	275	192	258	242	18.25	cps
Silver	107-1	233	267	233	244	7.87	cps
Sodium	23-2	14191	13682	14232	14035	2.18	cps
Strontium	86-1	5226	5760	5576	5521	4.91	cps
Strontium	88-1	35854	36890	37174	36640	1.90	cps
Sulfur	34-1	245363	242704	242181	243416	0.70	cps
Terbium	159-1	1800638	1807416	1809403	1805819	0.25	cps
Terbium	159-2	808372	814312	813826	812170	0.41	cps
Thallium	203-1	458	492	442	464	5.49	cps
Thallium	205-1	700	658	658	672	3.58	cps
Thorium	232-1	6135	5813	5890	5946	2.83	cps
Tin	118-1	1150	1150	1167	1156	0.83	cps
Titanium	47-1	21049	20490	19822	20454	3.00	cps
Uranium	238-1	2084	2359	2509	2317	9.30	cps
Vanadium	51-2	1883	1913	1853	1883	1.59	cps
Yttrium	89-1	1533725	1545423	1541444	1540197	0.39	cps
Yttrium	89-2	186995	188544	186872	187470	0.50	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5715-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MB0AG0LDL	Dilution Factor :	10
Date & Time Acquired ::	2019-11-07 17:30:42	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3490	3644	3724	3619	3.28	cps
Zirconium	90-1	442	450	450	447	1.08	cps
Zirconium	91-1	133	108	117	119	10.66	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:34:17	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3009	3117	3251	3125	3.87	cps
Antimony	121-1	1192	1142	1150	1161	2.31	cps
Arsenic	75-2	68793	69031	69640	69155	0.63	cps
Barium	135-1	425	258	317	333	25.37	cps
Barium	137-1	583	700	558	614	12.32	cps
Beryllium	9-1	50	78	78	69	23.41	cps
Bismuth	209-1	1015094	998196	1000655	1004648	0.91	cps
Bismuth	209-2	565175	561894	572955	566675	1.00	cps
Boron	10-1	675	600	583	619	7.88	cps
Boron	11-1	2675	2892	2600	2723	5.56	cps
Cadmium	111-1	430	338	523	430	21.51	cps
Cadmium	106-1	517	392	608	506	21.51	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	1809	1925	1542	1759	11.18	cps
Calcium	44-1	26708	26833	26349	26630	0.94	cps
Chromium	52-2	652248	644824	652978	650017	0.69	cps
Cobalt	59-2	1663	1913	1817	1798	7.01	cps
Copper	63-2	3127	3170	3270	3189	2.31	cps
Dysprosium	156-1	8	58	25	31	83.33	cps
Dysprosium	156-2	10	20	10	13	43.30	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	30	23	10	21	48.24	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Gadolinium	160-2	40	40	33	38	10.19	cps
Holmium	165-1	1713630	1699011	1725423	1712688	0.77	cps
Holmium	165-2	819200	815102	824987	819763	0.61	cps
Indium	115-1	1325879	1315446	1320084	1320470	0.40	cps
Indium	115-2	226974	225009	228814	226932	0.84	cps
Iron	56-2	139406050	138661184	138908823	138992019	0.27	cps
Iron	57-2	3386945	3366718	3430671	3394778	0.96	cps
Krypton	83-1	780	687	770	746	6.87	cps
Lead	206-1	1757622	1735882	1735752	1743085	0.72	cps
Lead	207-1	1590940	1559613	1554322	1568292	1.26	cps
Lead	208-1	7042795	6903827	6928569	6958397	1.07	cps
Lithium	6-1	697920	692574	690156	693550	0.57	cps
Magnesium	24-2	29668324	29465011	29725114	29619483	0.46	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:34:17	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	766615	765368	765050	765677	0.11	cps
Molybdenum	94-1	2317	2050	2192	2186	6.10	cps
Molybdenum	95-1	3134	3501	3351	3328	5.54	cps
Molybdenum	96-1	6944	6819	7002	6921	1.35	cps
Molybdenum	97-1	2250	2017	2384	2217	8.37	cps
Molybdenum	98-1	5476	5109	5768	5451	6.05	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	7	17	17	13	43.29	cps
Nickel	60-2	4061	4221	4361	4214	3.56	cps
Phosphorus	31-2	58	83	75	72	17.62	cps
Potassium	39-2	13740	13598	13682	13673	0.52	cps
Rhodium	103-1	1200643	1203176	1207589	1203803	0.29	cps
Rhodium	103-2	517454	518466	521835	519252	0.44	cps
Scandium	45-1	1015929	996508	992996	1001811	1.23	cps
Scandium	45-2	36462	36101	35904	36155	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	17	37	27	38.42	cps
Selenium	82-1	22	92	0	38	125.05	cps
Silicon	28-1	144113	142869	143237	143406	0.45	cps
Silver	109-1	150	217	217	194	19.79	cps
Silver	107-1	225	158	250	211	22.45	cps
Sodium	23-2	14558	13757	13815	14043	3.18	cps
Strontium	86-1	1183	1217	1142	1181	3.18	cps
Strontium	88-1	575	800	575	650	19.99	cps
Sulfur	34-1	274110	281275	286192	280526	2.17	cps
Terbium	159-1	1766820	1757788	1749954	1758187	0.48	cps
Terbium	159-2	799566	802637	792526	798243	0.65	cps
Thallium	203-1	625	550	642	606	8.06	cps
Thallium	205-1	983	1117	942	1014	9.02	cps
Thorium	232-1	1411	1361	1667	1480	11.08	cps
Tin	118-1	583	558	525	556	5.27	cps
Titanium	47-1	158	175	200	178	11.80	cps
Uranium	238-1	2050	2225	2175	2150	4.19	cps
Vanadium	51-2	127	137	83	116	24.54	cps
Yttrium	89-1	1507627	1501647	1475510	1494928	1.14	cps
Yttrium	89-2	182906	183631	181336	182624	0.64	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:34:17	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1703	1583	1440	1576	8.37	cps
Zirconium	90-1	267	375	267	303	20.66	cps
Zirconium	91-1	300	475	400	392	22.42	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:37:54	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	25	28	45.82	cps
Antimony	121-1	25	33	25	28	17.31	cps
Arsenic	75-2	6	13	7	9	44.56	cps
Barium	135-1	50	17	42	36	48.03	cps
Barium	137-1	50	42	33	42	20.00	cps
Beryllium	9-1	44	56	61	54	15.80	cps
Bismuth	209-1	1070750	1070016	1061549	1067438	0.48	cps
Bismuth	209-2	592714	585151	589457	589108	0.64	cps
Boron	10-1	583	458	625	556	15.61	cps
Boron	11-1	2484	2717	2634	2611	4.53	cps
Cadmium	111-1	434	404	357	398	9.76	cps
Cadmium	106-1	600	575	492	556	10.21	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	100	83	92	92	9.09	cps
Calcium	44-1	3451	3075	3151	3226	6.15	cps
Chromium	52-2	273	287	303	288	5.22	cps
Cobalt	59-2	17	20	10	16	32.73	cps
Copper	63-2	283	323	317	308	6.96	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	43	37	20	33	36.05	cps
Gadolinium	160-1	0	25	17	14	91.65	cps
Gadolinium	160-2	47	33	50	43	20.36	cps
Holmium	165-1	1683773	1690510	1700523	1691602	0.50	cps
Holmium	165-2	800731	796703	802760	800065	0.39	cps
Indium	115-1	1331723	1325794	1337393	1331637	0.44	cps
Indium	115-2	226419	225408	227851	226559	0.54	cps
Iron	56-2	7624	7313	7163	7367	3.19	cps
Iron	57-2	289	289	289	289	0.00	cps
Krypton	83-1	810	820	760	797	4.03	cps
Lead	206-1	1089	950	972	1004	7.43	cps
Lead	207-1	900	950	956	935	3.27	cps
Lead	208-1	3667	3734	3506	3635	3.22	cps
Lithium	6-1	686940	686569	685926	686479	0.07	cps
Magnesium	24-2	808	958	842	870	9.06	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:37:54	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	77	43	63	27.85	cps
Molybdenum	94-1	17	42	33	31	41.65	cps
Molybdenum	95-1	8	17	17	14	34.67	cps
Molybdenum	96-1	33	75	42	50	44.10	cps
Molybdenum	97-1	8	25	33	22	57.29	cps
Molybdenum	98-1	42	42	33	39	12.38	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	13	7	7	9	43.25	cps
Phosphorus	31-2	42	50	8	33	66.15	cps
Potassium	39-2	11321	11397	11029	11249	1.72	cps
Rhodium	103-1	1263174	1252732	1252231	1256046	0.49	cps
Rhodium	103-2	527149	523226	527743	526039	0.47	cps
Scandium	45-1	971892	972956	989487	978112	1.01	cps
Scandium	45-2	34393	34474	33966	34278	0.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	35	41	38	7.50	cps
Selenium	82-1	1	-94	7	-29	-196.76	cps
Silicon	28-1	125581	125354	123422	124786	0.95	cps
Silver	109-1	67	67	67	67	0.00	cps
Silver	107-1	58	92	108	86	29.56	cps
Sodium	23-2	5726	5518	5551	5598	2.00	cps
Strontium	86-1	1300	1283	1092	1225	9.45	cps
Strontium	88-1	58	92	108	86	29.56	cps
Sulfur	34-1	292477	292959	292274	292570	0.12	cps
Terbium	159-1	1714619	1733968	1736201	1728263	0.69	cps
Terbium	159-2	786944	776012	770771	777909	1.06	cps
Thallium	203-1	242	425	400	356	27.96	cps
Thallium	205-1	525	642	533	567	11.49	cps
Thorium	232-1	1439	1400	1528	1456	4.50	cps
Tin	118-1	483	500	375	453	14.99	cps
Titanium	47-1	75	17	58	50	60.09	cps
Uranium	238-1	1684	1625	2017	1775	11.91	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	1473137	1473623	1462336	1469699	0.43	cps
Yttrium	89-2	175722	174769	175148	175213	0.27	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:37:54	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	150	110	97	119	23.34	cps
Zirconium	90-1	142	75	92	103	33.76	cps
Zirconium	91-1	25	42	17	28	45.82	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:47:08	DataFile Name :	041LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	892	850	925	889	4.23	cps
Antimony	121-1	8370	8703	8128	8400	3.44	cps
Arsenic	75-2	141	154	159	151	6.28	cps
Barium	135-1	11564	11639	11005	11402	3.04	cps
Barium	137-1	19164	20024	20166	19784	2.74	cps
Beryllium	9-1	1572	1756	1606	1645	5.94	cps
Bismuth	209-1	1080306	1069549	1059296	1069717	0.98	cps
Bismuth	209-2	592320	598431	596768	595840	0.53	cps
Boron	10-1	6318	6535	6360	6404	1.80	cps
Boron	11-1	29997	30432	30791	30407	1.31	cps
Cadmium	111-1	1721	1741	1884	1782	4.99	cps
Cadmium	106-1	642	700	875	739	16.43	cps
Cadmium	108-1	100	88	100	96	7.53	cps
Calcium	43-1	9220	8661	8695	8859	3.54	cps
Calcium	44-1	136864	135864	135057	135928	0.67	cps
Chromium	52-2	2747	2587	2760	2698	3.58	cps
Cobalt	59-2	1970	2014	2110	2031	3.53	cps
Copper	63-2	2767	3060	2824	2884	5.40	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	17	20	13	66.16	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	13	23	13	17	34.65	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	60	63	50	58	12.01	cps
Holmium	165-1	1719616	1743345	1706971	1723311	1.07	cps
Holmium	165-2	813890	810863	815729	813494	0.30	cps
Indium	115-1	1334278	1348190	1338521	1340330	0.53	cps
Indium	115-2	230137	228072	227864	228691	0.55	cps
Iron	56-2	58288	57775	57664	57909	0.58	cps
Iron	57-2	1656	1811	1617	1695	6.07	cps
Krypton	83-1	750	697	780	742	5.69	cps
Lead	206-1	4290	4267	4062	4206	2.99	cps
Lead	207-1	4029	3867	3734	3877	3.80	cps
Lead	208-1	17210	17244	16660	17038	1.92	cps
Lithium	6-1	692270	693806	694265	693447	0.15	cps
Magnesium	24-2	55512	54951	56215	55560	1.14	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:47:08	DataFile Name :	041LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	847	753	763	788	6.51	cps
Molybdenum	94-1	10096	9579	10021	9898	2.82	cps
Molybdenum	95-1	12431	12689	11714	12278	4.12	cps
Molybdenum	96-1	13557	12973	13290	13273	2.20	cps
Molybdenum	97-1	7802	7502	7978	7761	3.10	cps
Molybdenum	98-1	20123	19398	19748	19756	1.84	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	543	627	573	581	7.26	cps
Phosphorus	31-2	200	150	175	175	14.28	cps
Potassium	39-2	58023	57521	58047	57864	0.51	cps
Rhodium	103-1	1257681	1251650	1255399	1254910	0.24	cps
Rhodium	103-2	533429	532461	533299	533063	0.10	cps
Scandium	45-1	994227	987480	972672	984793	1.12	cps
Scandium	45-2	34844	34928	34935	34902	0.14	cps
Selenium	77-2	23	20	17	20	16.65	cps
Selenium	78-2	115	89	96	100	13.36	cps
Selenium	82-1	644	675	619	646	4.36	cps
Silicon	28-1	161015	160097	161732	160948	0.51	cps
Silver	109-1	1050	825	917	931	12.16	cps
Silver	107-1	917	1133	925	992	12.38	cps
Sodium	23-2	112251	111472	113646	112456	0.98	cps
Strontium	86-1	2667	2800	2542	2670	4.84	cps
Strontium	88-1	13382	13340	12990	13237	1.63	cps
Sulfur	34-1	286464	291950	292263	290226	1.12	cps
Terbium	159-1	1766040	1748485	1788961	1767829	1.15	cps
Terbium	159-2	795961	792563	793907	794144	0.22	cps
Thallium	203-1	4801	5001	4568	4790	4.53	cps
Thallium	205-1	10772	10621	10630	10674	0.79	cps
Thorium	232-1	14820	15454	14764	15013	2.55	cps
Tin	118-1	19915	20282	19564	19920	1.80	cps
Titanium	47-1	3551	3742	3876	3723	4.39	cps
Uranium	238-1	15585	15535	14851	15324	2.68	cps
Vanadium	51-2	5104	5268	5114	5162	1.77	cps
Yttrium	89-1	1496765	1500514	1501501	1499593	0.17	cps
Yttrium	89-2	179238	178072	176230	177847	0.85	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:47:08	DataFile Name :	041LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	553	510	513	526	4.59	cps
Zirconium	90-1	8136	7911	7294	7780	5.60	cps
Zirconium	91-1	1859	1867	1942	1889	2.43	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01	Instrumnet Name :	P7
Client Sample ID :	S32-0670	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:50:58	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85025	85462	83357	84615	1.31	cps
Antimony	121-1	2850	3442	3392	3228	10.17	cps
Arsenic	75-2	720	641	704	688	6.10	cps
Barium	135-1	11113	11097	10655	10955	2.38	cps
Barium	137-1	17812	18213	17946	17990	1.13	cps
Beryllium	9-1	56	56	39	50	19.25	cps
Bismuth	209-1	1136679	1153302	1133160	1141047	0.94	cps
Bismuth	209-2	604311	604055	586536	598300	1.70	cps
Boron	10-1	5218	5351	5118	5229	2.24	cps
Boron	11-1	23344	23611	24304	23753	2.09	cps
Cadmium	111-1	478	399	381	419	12.30	cps
Cadmium	106-1	592	433	467	497	16.79	cps
Cadmium	108-1	46	42	42	43	5.58	cps
Calcium	43-1	1868374	1872804	1851258	1864145	0.61	cps
Calcium	44-1	30830217	31332267	30798523	30987002	0.97	cps
Chromium	52-2	2284	2207	2170	2220	2.61	cps
Cobalt	59-2	273	250	243	256	6.16	cps
Copper	63-2	8759	8162	8653	8525	3.73	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	17	27	10	18	47.19	cps
Erbium	164-1	33	0	42	25	88.19	cps
Erbium	164-2	37	37	30	34	11.18	cps
Gadolinium	160-1	42	8	0	17	132.30	cps
Gadolinium	160-2	47	40	30	39	21.57	cps
Holmium	165-1	1760705	1790687	1797309	1782900	1.09	cps
Holmium	165-2	794345	802427	793563	796778	0.62	cps
Indium	115-1	1351209	1377073	1368809	1365697	0.97	cps
Indium	115-2	223410	222124	213911	219815	2.34	cps
Iron	56-2	35638	35705	34074	35139	2.63	cps
Iron	57-2	9420	9726	9348	9498	2.11	cps
Krypton	83-1	813	733	770	772	5.19	cps
Lead	206-1	5946	6152	5624	5907	4.51	cps
Lead	207-1	5223	4823	4395	4814	8.60	cps
Lead	208-1	22130	22975	21457	22187	3.43	cps
Lithium	6-1	748121	759562	758228	755304	0.83	cps
Magnesium	24-2	3534	3734	3876	3714	4.62	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01	Instrumnet Name :	P7
Client Sample ID :	S32-0670	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:50:58	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	330	317	363	337	7.14	cps
Molybdenum	94-1	56322	55759	56756	56279	0.89	cps
Molybdenum	95-1	99900	99739	97298	98979	1.47	cps
Molybdenum	96-1	105482	106001	104684	105389	0.63	cps
Molybdenum	97-1	62405	61148	61116	61556	1.19	cps
Molybdenum	98-1	155216	158484	156386	156696	1.06	cps
Neodymium	150-1	47	0	60	36	88.61	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	5738	5825	5474	5679	3.21	cps
Phosphorus	31-2	125	33	33	64	82.85	cps
Potassium	39-2	407774	407366	394855	403332	1.82	cps
Rhodium	103-1	1232906	1233655	1241460	1236007	0.38	cps
Rhodium	103-2	510980	512781	502523	508761	1.08	cps
Scandium	45-1	1008425	1024270	995622	1009439	1.42	cps
Scandium	45-2	34490	33899	33455	33948	1.53	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	41	33	41	38	11.18	cps
Selenium	82-1	118	167	199	161	25.50	cps
Silicon	28-1	19549344	19022611	18911986	19161314	1.78	cps
Silver	109-1	2467	2734	2475	2559	5.93	cps
Silver	107-1	2392	2909	2750	2684	9.87	cps
Sodium	23-2	13605228	13479803	13167578	13417536	1.68	cps
Strontium	86-1	324822	330588	330153	328521	0.98	cps
Strontium	88-1	2803357	2787923	2813607	2801629	0.46	cps
Sulfur	34-1	504581	495063	487562	495735	1.72	cps
Terbium	159-1	1813993	1812829	1802959	1809927	0.33	cps
Terbium	159-2	775938	782485	773725	777382	0.59	cps
Thallium	203-1	1392	1308	1142	1281	9.94	cps
Thallium	205-1	2125	3009	3000	2712	18.72	cps
Thorium	232-1	1550	1506	1756	1604	8.32	cps
Tin	118-1	8211	8186	8703	8367	3.48	cps
Titanium	47-1	550	500	575	542	7.05	cps
Uranium	238-1	1992	2167	2300	2153	7.18	cps
Vanadium	51-2	12255	12072	12162	12163	0.75	cps
Yttrium	89-1	1510601	1524106	1526853	1520520	0.57	cps
Yttrium	89-2	171510	174577	169568	171885	1.47	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01	Instrumnet Name :	P7
Client Sample ID :	S32-0670	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:50:58	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2200	2087	2107	2131	2.84	cps
Zirconium	90-1	525	567	650	581	10.96	cps
Zirconium	91-1	108	133	158	133	18.75	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0670DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:54:33	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84053	80576	81355	81995	2.22	cps
Antimony	121-1	3692	3751	3759	3734	0.97	cps
Arsenic	75-2	676	643	637	652	3.23	cps
Barium	135-1	10413	11105	10271	10596	4.21	cps
Barium	137-1	17996	18455	19081	18510	2.94	cps
Beryllium	9-1	28	11	61	33	76.38	cps
Bismuth	209-1	1144541	1098583	1113737	1118953	2.09	cps
Bismuth	209-2	585203	577998	577790	580330	0.73	cps
Boron	10-1	4726	5034	4751	4837	3.54	cps
Boron	11-1	22417	23494	21950	22620	3.50	cps
Cadmium	111-1	459	395	396	417	8.84	cps
Cadmium	106-1	500	467	417	461	9.10	cps
Cadmium	108-1	17	46	29	31	47.88	cps
Calcium	43-1	1771696	1770432	1769181	1770436	0.07	cps
Calcium	44-1	29353013	29363789	29648666	29455156	0.57	cps
Chromium	52-2	1960	1930	1870	1920	2.39	cps
Cobalt	59-2	280	277	277	278	0.69	cps
Copper	63-2	7489	7372	7472	7444	0.85	cps
Dysprosium	156-1	50	33	17	33	50.00	cps
Dysprosium	156-2	10	23	7	13	66.12	cps
Erbium	164-1	17	50	25	31	56.77	cps
Erbium	164-2	57	27	50	44	35.44	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	33	40	60	44	31.23	cps
Holmium	165-1	1822727	1807886	1795029	1808547	0.77	cps
Holmium	165-2	804555	790183	784412	793050	1.31	cps
Indium	115-1	1383659	1359955	1371497	1371704	0.86	cps
Indium	115-2	219779	218185	214515	217493	1.24	cps
Iron	56-2	34201	33027	33333	33520	1.82	cps
Iron	57-2	9175	9064	8864	9034	1.75	cps
Krypton	83-1	817	810	803	810	0.82	cps
Lead	206-1	4757	4551	4968	4758	4.38	cps
Lead	207-1	3845	3962	3990	3932	1.95	cps
Lead	208-1	17805	18039	18038	17961	0.75	cps
Lithium	6-1	741403	726364	722689	730152	1.36	cps
Magnesium	24-2	4159	3784	3492	3812	8.77	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0670DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:54:33	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	283	363	340	329	12.51	cps
Molybdenum	94-1	55083	55275	55961	55440	0.83	cps
Molybdenum	95-1	97173	98263	97425	97620	0.58	cps
Molybdenum	96-1	102376	103433	101502	102437	0.94	cps
Molybdenum	97-1	61576	60647	60178	60800	1.17	cps
Molybdenum	98-1	157541	157706	154112	156453	1.30	cps
Neodymium	150-1	53	100	33	62	54.98	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	5161	5448	5404	5338	2.90	cps
Phosphorus	31-2	58	67	75	67	12.49	cps
Potassium	39-2	390921	377678	374817	381139	2.25	cps
Rhodium	103-1	1258022	1240644	1226855	1241840	1.26	cps
Rhodium	103-2	505567	506814	495818	502733	1.20	cps
Scandium	45-1	1001137	960930	960644	974237	2.39	cps
Scandium	45-2	32609	32576	31697	32294	1.60	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	30	50	30	36	32.29	cps
Selenium	82-1	101	178	125	134	29.28	cps
Silicon	28-1	18089308	18018931	17896089	18001443	0.54	cps
Silver	109-1	883	1150	1008	1014	13.16	cps
Silver	107-1	1025	1067	1033	1042	2.12	cps
Sodium	23-2	12960139	12753058	12764800	12825999	0.91	cps
Strontium	86-1	326531	324561	324545	325213	0.35	cps
Strontium	88-1	2767131	2781931	2770809	2773290	0.28	cps
Sulfur	34-1	461073	458140	451322	456845	1.10	cps
Terbium	159-1	1859871	1819263	1847551	1842228	1.13	cps
Terbium	159-2	790514	766807	769210	775510	1.68	cps
Thallium	203-1	750	792	625	722	12.01	cps
Thallium	205-1	1058	1333	1292	1228	12.07	cps
Thorium	232-1	1300	1361	1461	1374	5.92	cps
Tin	118-1	8211	8086	8069	8122	0.95	cps
Titanium	47-1	558	608	542	569	6.09	cps
Uranium	238-1	1950	2134	2242	2109	6.99	cps
Vanadium	51-2	11978	11615	11651	11748	1.70	cps
Yttrium	89-1	1534814	1509341	1506661	1516938	1.02	cps
Yttrium	89-2	168742	166645	165169	166852	1.08	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0670DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 17:54:33	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2014	2114	2080	2069	2.46	cps
Zirconium	90-1	242	375	367	328	22.79	cps
Zirconium	91-1	92	100	92	94	5.10	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0670L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:58:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16743	17953	16835	17177	3.92	cps
Antimony	121-1	1050	1150	967	1056	8.70	cps
Arsenic	75-2	156	122	152	143	12.76	cps
Barium	135-1	2184	2075	2475	2245	9.22	cps
Barium	137-1	3509	4201	3651	3787	9.65	cps
Beryllium	9-1	39	44	33	39	14.30	cps
Bismuth	209-1	1113231	1128711	1126226	1122723	0.74	cps
Bismuth	209-2	610284	605454	614102	609947	0.71	cps
Boron	10-1	1600	1592	1533	1575	2.31	cps
Boron	11-1	7444	7260	7219	7308	1.64	cps
Cadmium	111-1	390	425	409	408	4.19	cps
Cadmium	106-1	508	542	525	525	3.17	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	366394	366780	358642	363939	1.26	cps
Calcium	44-1	5888154	5948106	5949320	5928527	0.59	cps
Chromium	52-2	643	617	513	591	11.62	cps
Cobalt	59-2	43	70	60	58	23.32	cps
Copper	63-2	2084	2184	2170	2146	2.53	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	3	27	10	13	90.16	cps
Erbium	164-1	0	17	8	8	100.02	cps
Erbium	164-2	40	30	17	29	40.51	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	60	37	53	50	24.03	cps
Holmium	165-1	1808188	1810139	1840092	1819473	0.98	cps
Holmium	165-2	822783	815962	827167	821970	0.69	cps
Indium	115-1	1397353	1406492	1394120	1399322	0.46	cps
Indium	115-2	230024	224872	226495	227131	1.16	cps
Iron	56-2	9225	8953	9064	9081	1.51	cps
Iron	57-2	2000	2039	2056	2032	1.40	cps
Krypton	83-1	793	773	847	804	4.71	cps
Lead	206-1	1672	1678	1711	1687	1.25	cps
Lead	207-1	1656	1578	1745	1659	5.03	cps
Lead	208-1	6690	6684	6779	6718	0.79	cps
Lithium	6-1	683628	684083	683514	683742	0.04	cps
Magnesium	24-2	942	833	825	867	7.51	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0670L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:58:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137	127	117	127	7.89	cps
Molybdenum	94-1	11797	10946	10980	11241	4.29	cps
Molybdenum	95-1	20340	19005	19656	19667	3.39	cps
Molybdenum	96-1	20040	21058	21317	20805	3.24	cps
Molybdenum	97-1	12306	12298	12222	12275	0.38	cps
Molybdenum	98-1	32221	31920	30467	31536	2.97	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	3	20	10	11	75.52	cps
Nickel	60-2	1083	1113	1043	1080	3.25	cps
Phosphorus	31-2	100	33	33	56	69.29	cps
Potassium	39-2	88874	90300	89119	89431	0.85	cps
Rhodium	103-1	1288027	1296610	1287412	1290683	0.40	cps
Rhodium	103-2	535150	533683	527547	532127	0.76	cps
Scandium	45-1	980741	989382	975019	981714	0.74	cps
Scandium	45-2	34163	33769	33391	33774	1.14	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	35	28	26	30	16.54	cps
Selenium	82-1	-14	37	-48	-9	-495.94	cps
Silicon	28-1	3752002	3790021	3739246	3760423	0.70	cps
Silver	109-1	383	250	350	328	21.17	cps
Silver	107-1	283	317	283	294	6.54	cps
Sodium	23-2	2604186	2579839	2600903	2594976	0.51	cps
Strontium	86-1	66262	65375	65124	65587	0.91	cps
Strontium	88-1	567962	566944	562957	565954	0.47	cps
Sulfur	34-1	289742	290235	289597	289858	0.12	cps
Terbium	159-1	1846491	1842239	1874376	1854369	0.94	cps
Terbium	159-2	816707	790993	804945	804215	1.60	cps
Thallium	203-1	400	467	433	433	7.69	cps
Thallium	205-1	675	708	667	683	3.23	cps
Thorium	232-1	1422	1328	1400	1383	3.57	cps
Tin	118-1	1817	1825	1709	1784	3.65	cps
Titanium	47-1	192	167	192	183	7.88	cps
Uranium	238-1	1842	1767	1825	1811	2.17	cps
Vanadium	51-2	2670	2344	2287	2434	8.50	cps
Yttrium	89-1	1546232	1548752	1533011	1542665	0.55	cps
Yttrium	89-2	175124	174125	174254	174501	0.31	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0670L	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 17:58:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	757	713	653	708	7.33	cps
Zirconium	90-1	100	175	117	131	30.17	cps
Zirconium	91-1	33	25	25	28	17.31	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-02	Instrumnet Name :	P7
Client Sample ID :	S32-0670MS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:01:42	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	478882	479774	480240	479632	0.14	cps
Antimony	121-1	2271147	2260075	2271850	2267691	0.29	cps
Arsenic	75-2	69212	68099	68663	68658	0.81	cps
Barium	135-1	2854074	2823939	2817718	2831910	0.69	cps
Barium	137-1	4845926	4839648	4860036	4848537	0.22	cps
Beryllium	9-1	737546	738597	742550	739565	0.36	cps
Bismuth	209-1	1060624	1043056	1069036	1057572	1.25	cps
Bismuth	209-2	554723	554026	554885	554545	0.08	cps
Boron	10-1	122535	125066	125697	124433	1.34	cps
Boron	11-1	554661	570262	572952	565958	1.74	cps
Cadmium	111-1	625382	619607	631920	625636	0.98	cps
Cadmium	106-1	69965	68759	69204	69309	0.88	cps
Cadmium	108-1	46957	47936	47835	47576	1.13	cps
Calcium	43-1	2463584	2444556	2497828	2468656	1.09	cps
Calcium	44-1	40267934	40690232	40842717	40600294	0.73	cps
Chromium	52-2	593629	598545	596318	596164	0.41	cps
Cobalt	59-2	954853	963201	958916	958990	0.44	cps
Copper	63-2	1275925	1290335	1283956	1283405	0.56	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	50	67	60	59	14.25	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	17	33	27	26	32.81	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Gadolinium	160-2	33	50	50	44	21.66	cps
Holmium	165-1	1769301	1761863	1788336	1773167	0.77	cps
Holmium	165-2	781551	787199	779303	782684	0.52	cps
Indium	115-1	1277534	1274515	1296510	1282853	0.93	cps
Indium	115-2	199555	201146	202364	201021	0.70	cps
Iron	56-2	24278232	24415554	24529587	24407791	0.52	cps
Iron	57-2	615614	613437	617251	615434	0.31	cps
Krypton	83-1	867	873	793	844	5.26	cps
Lead	206-1	1828202	1829399	1866347	1841316	1.18	cps
Lead	207-1	1657649	1640605	1667674	1655309	0.83	cps
Lead	208-1	7332896	7324941	7392555	7350131	0.50	cps
Lithium	6-1	700559	700367	712224	704384	0.96	cps
Magnesium	24-2	4845130	4860499	4837861	4847830	0.24	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-02	Instrumnet Name :	P7
Client Sample ID :	S32-0670MS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:01:42	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	689991	692157	698319	693489	0.62	cps
Molybdenum	94-1	4900387	4872797	4906481	4893222	0.37	cps
Molybdenum	95-1	6270723	6220054	6256852	6249210	0.42	cps
Molybdenum	96-1	6905523	6928083	7098141	6977249	1.51	cps
Molybdenum	97-1	3695287	3754122	3761659	3737023	0.97	cps
Molybdenum	98-1	10084423	10141519	10218518	10148153	0.66	cps
Neodymium	150-1	240	140	247	209	28.60	cps
Neodymium	150-2	13	20	13	16	24.76	cps
Nickel	60-2	252968	254491	253441	253633	0.31	cps
Phosphorus	31-2	75	50	33	53	39.74	cps
Potassium	39-2	2477844	2496142	2496431	2490139	0.43	cps
Rhodium	103-1	1190783	1195949	1194731	1193821	0.23	cps
Rhodium	103-2	478362	478113	479761	478745	0.19	cps
Scandium	45-1	937035	940633	959050	945573	1.25	cps
Scandium	45-2	32275	31794	32021	32030	0.75	cps
Selenium	77-2	1843	1820	1673	1779	5.18	cps
Selenium	78-2	6077	6029	5948	6018	1.09	cps
Selenium	82-1	52473	51988	53554	52672	1.52	cps
Silicon	28-1	18959816	19094893	19307030	19120579	0.92	cps
Silver	109-1	2582534	2586568	2561713	2576939	0.52	cps
Silver	107-1	2644878	2715002	2690132	2683337	1.32	cps
Sodium	23-2	22704295	22561029	22450124	22571816	0.56	cps
Strontium	86-1	1047211	1049548	1058761	1051840	0.58	cps
Strontium	88-1	9300176	9206170	9454487	9320278	1.35	cps
Sulfur	34-1	436094	436239	435161	435831	0.13	cps
Terbium	159-1	1812901	1791650	1818173	1807575	0.78	cps
Terbium	159-2	759916	754971	753965	756284	0.42	cps
Thallium	203-1	2170751	2196044	2217726	2194840	1.07	cps
Thallium	205-1	5161934	5198495	5242108	5200846	0.77	cps
Thorium	232-1	1811	1795	1811	1806	0.53	cps
Tin	118-1	1924025	1921781	1948142	1931316	0.76	cps
Titanium	47-1	1785128	1803884	1815895	1801636	0.86	cps
Uranium	238-1	7595040	7569504	7648166	7604237	0.53	cps
Vanadium	51-2	500337	501379	497967	499894	0.35	cps
Yttrium	89-1	1474842	1474383	1484559	1477928	0.39	cps
Yttrium	89-2	166237	162039	165447	164574	1.36	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-02	Instrumnet Name :	P7
Client Sample ID :	S32-0670MS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:01:42	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	188524	191785	188672	189660	0.97	cps
Zirconium	90-1	4024639	4026122	4021783	4024182	0.05	cps
Zirconium	91-1	898563	895871	901784	898739	0.33	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-03	Instrumnet Name :	P7
Client Sample ID :	S32-0670MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:05:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	465788	459767	464554	463370	0.69	cps
Antimony	121-1	2243275	2270098	2275172	2262848	0.76	cps
Arsenic	75-2	66689	65897	66045	66210	0.64	cps
Barium	135-1	2791456	2845476	2818052	2818328	0.96	cps
Barium	137-1	4786749	4867841	4806467	4820352	0.88	cps
Beryllium	9-1	721866	731571	724520	725986	0.69	cps
Bismuth	209-1	1037006	1045484	1054361	1045617	0.83	cps
Bismuth	209-2	544519	545817	547957	546097	0.32	cps
Boron	10-1	120485	127862	125771	124706	3.05	cps
Boron	11-1	565426	570385	568012	567941	0.44	cps
Cadmium	111-1	614809	616309	624078	618399	0.80	cps
Cadmium	106-1	67637	67336	68768	67914	1.11	cps
Cadmium	108-1	46405	47877	46577	46953	1.71	cps
Calcium	43-1	2417465	2409075	2404633	2410391	0.27	cps
Calcium	44-1	39324783	39768975	40012714	39702157	0.88	cps
Chromium	52-2	575576	578947	577868	577464	0.30	cps
Cobalt	59-2	926102	928272	925435	926603	0.16	cps
Copper	63-2	1247558	1262337	1260972	1256956	0.65	cps
Dysprosium	156-1	75	50	58	61	20.83	cps
Dysprosium	156-2	60	67	63	63	5.27	cps
Erbium	164-1	58	42	0	33	90.14	cps
Erbium	164-2	33	43	53	43	23.08	cps
Gadolinium	160-1	17	42	42	33	43.30	cps
Gadolinium	160-2	47	53	23	41	38.32	cps
Holmium	165-1	1745270	1774590	1796247	1772036	1.44	cps
Holmium	165-2	783527	782894	777531	781317	0.42	cps
Indium	115-1	1243210	1252284	1278671	1258055	1.46	cps
Indium	115-2	196986	196561	198379	197308	0.48	cps
Iron	56-2	23768532	23790718	23702543	23753931	0.19	cps
Iron	57-2	603337	598051	588871	596753	1.23	cps
Krypton	83-1	820	863	710	798	9.91	cps
Lead	206-1	1823887	1873540	1852783	1850070	1.35	cps
Lead	207-1	1626875	1672999	1655569	1651814	1.41	cps
Lead	208-1	7277623	7399655	7407708	7361662	0.99	cps
Lithium	6-1	688135	688120	698308	691521	0.85	cps
Magnesium	24-2	4693299	4729019	4694537	4705618	0.43	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-03	Instrumnet Name :	P7
Client Sample ID :	S32-0670MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:05:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	673155	669919	675198	672757	0.40	cps
Molybdenum	94-1	4812018	4830918	4843655	4828864	0.33	cps
Molybdenum	95-1	6130283	6248473	6174468	6184408	0.97	cps
Molybdenum	96-1	6864637	6903635	6851496	6873256	0.39	cps
Molybdenum	97-1	3724021	3741796	3701774	3722530	0.54	cps
Molybdenum	98-1	9870265	9907790	9957468	9911841	0.44	cps
Neodymium	150-1	193	227	247	222	12.13	cps
Neodymium	150-2	20	23	17	20	16.65	cps
Nickel	60-2	249245	248294	247430	248323	0.37	cps
Phosphorus	31-2	67	83	42	64	32.83	cps
Potassium	39-2	2414385	2393913	2392164	2400154	0.51	cps
Rhodium	103-1	1142838	1152361	1182208	1159136	1.77	cps
Rhodium	103-2	473946	474110	474675	474244	0.08	cps
Scandium	45-1	902074	911567	919010	910884	0.93	cps
Scandium	45-2	30615	31130	31440	31062	1.34	cps
Selenium	77-2	1740	1700	1880	1773	5.33	cps
Selenium	78-2	5773	5642	5905	5773	2.28	cps
Selenium	82-1	51748	52424	52639	52270	0.89	cps
Silicon	28-1	18548401	18603607	18466592	18539533	0.37	cps
Silver	109-1	2549024	2593549	2576768	2573114	0.87	cps
Silver	107-1	2660783	2664464	2691032	2672093	0.62	cps
Sodium	23-2	21981165	21775371	21868847	21875128	0.47	cps
Strontium	86-1	1034484	1048231	1043732	1042149	0.67	cps
Strontium	88-1	9070194	9215379	9192310	9159294	0.85	cps
Sulfur	34-1	422336	418064	415570	418657	0.82	cps
Terbium	159-1	1780675	1776526	1820605	1792602	1.36	cps
Terbium	159-2	752715	751597	761591	755301	0.72	cps
Thallium	203-1	2213440	2268846	2233164	2238483	1.25	cps
Thallium	205-1	5163868	5294012	5222457	5226779	1.25	cps
Thorium	232-1	1734	1728	1806	1756	2.47	cps
Tin	118-1	1908339	1928881	1914543	1917254	0.55	cps
Titanium	47-1	1752430	1767997	1759869	1760099	0.44	cps
Uranium	238-1	7558476	7647045	7675823	7627114	0.80	cps
Vanadium	51-2	483581	484632	479703	482638	0.54	cps
Yttrium	89-1	1444548	1441692	1469637	1451959	1.06	cps
Yttrium	89-2	160597	160910	161328	160945	0.23	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-03	Instrumnet Name :	P7
Client Sample ID :	S32-0670MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:05:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	186046	183967	182087	184033	1.08	cps
Zirconium	90-1	3947311	3949215	3974060	3956862	0.38	cps
Zirconium	91-1	880370	884309	892128	885602	0.68	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0670A	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:09:03	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	452647	453469	455896	454004	0.37	cps
Antimony	121-1	2226270	2212574	2234403	2224416	0.50	cps
Arsenic	75-2	65076	65290	66760	65709	1.39	cps
Barium	135-1	2801039	2771686	2792442	2788389	0.54	cps
Barium	137-1	4773259	4737396	4778034	4762897	0.47	cps
Beryllium	9-1	703407	700083	706913	703468	0.49	cps
Bismuth	209-1	1020468	1031190	1051726	1034461	1.54	cps
Bismuth	209-2	543462	538944	542377	541594	0.44	cps
Boron	10-1	119816	122140	123375	121777	1.48	cps
Boron	11-1	550584	560254	569789	560209	1.71	cps
Cadmium	111-1	610874	615058	623524	616485	1.05	cps
Cadmium	106-1	68257	68383	68349	68330	0.09	cps
Cadmium	108-1	46702	46338	46247	46429	0.52	cps
Calcium	43-1	2341579	2350783	2352757	2348373	0.25	cps
Calcium	44-1	38796252	38811805	38636221	38748093	0.25	cps
Chromium	52-2	567787	568975	570515	569092	0.24	cps
Cobalt	59-2	914368	908887	920422	914559	0.63	cps
Copper	63-2	1224848	1237330	1240887	1234355	0.68	cps
Dysprosium	156-1	58	92	67	72	24.02	cps
Dysprosium	156-2	47	40	53	47	14.28	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	33	37	30	33	10.01	cps
Gadolinium	160-1	8	25	0	11	114.58	cps
Gadolinium	160-2	27	47	50	41	30.69	cps
Holmium	165-1	1741944	1757831	1765042	1754939	0.67	cps
Holmium	165-2	783693	782954	780100	782249	0.24	cps
Indium	115-1	1239209	1236204	1261512	1245642	1.11	cps
Indium	115-2	196878	193974	196348	195733	0.79	cps
Iron	56-2	23117909	23357385	23221526	23232273	0.52	cps
Iron	57-2	593732	581555	586750	587346	1.04	cps
Krypton	83-1	770	810	830	803	3.80	cps
Lead	206-1	1846757	1847600	1866562	1853640	0.60	cps
Lead	207-1	1647806	1649408	1661340	1652851	0.45	cps
Lead	208-1	7279669	7363529	7416777	7353325	0.94	cps
Lithium	6-1	663771	660589	672052	665471	0.89	cps
Magnesium	24-2	4567023	4579077	4600189	4582096	0.37	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0670A	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:09:03	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	657765	658855	660855	659158	0.24	cps
Molybdenum	94-1	4812964	4725460	4722468	4753631	1.08	cps
Molybdenum	95-1	6074580	6172813	6126944	6124779	0.80	cps
Molybdenum	96-1	6842311	6816732	6839680	6832908	0.21	cps
Molybdenum	97-1	3643698	3660003	3656341	3653347	0.23	cps
Molybdenum	98-1	9752714	9947134	9845747	9848532	0.99	cps
Neodymium	150-1	187	220	247	218	13.81	cps
Neodymium	150-2	30	27	33	30	11.10	cps
Nickel	60-2	240253	243885	245837	243325	1.16	cps
Phosphorus	31-2	25	33	33	31	15.74	cps
Potassium	39-2	2354730	2372358	2388560	2371883	0.71	cps
Rhodium	103-1	1148401	1130829	1139439	1139556	0.77	cps
Rhodium	103-2	470411	469072	469876	469786	0.14	cps
Scandium	45-1	892847	887965	906147	895653	1.05	cps
Scandium	45-2	30418	30572	30876	30622	0.76	cps
Selenium	77-2	1663	1840	1820	1775	5.45	cps
Selenium	78-2	5529	5744	5820	5697	2.65	cps
Selenium	82-1	51964	51391	51088	51481	0.86	cps
Silicon	28-1	17996102	17996857	18054008	18015656	0.18	cps
Silver	109-1	2507288	2529713	2526830	2521277	0.48	cps
Silver	107-1	2647611	2635763	2647882	2643752	0.26	cps
Sodium	23-2	21401797	21323684	21447847	21391109	0.29	cps
Strontium	86-1	1024116	1025168	1032609	1027298	0.45	cps
Strontium	88-1	9142938	9064787	9150963	9119563	0.52	cps
Sulfur	34-1	404832	403886	402477	403732	0.29	cps
Terbium	159-1	1782253	1750696	1792813	1775254	1.23	cps
Terbium	159-2	755395	748644	757798	753946	0.63	cps
Thallium	203-1	2203791	2216893	2212311	2210998	0.30	cps
Thallium	205-1	5218726	5247269	5234319	5233438	0.27	cps
Thorium	232-1	1845	1900	1839	1861	1.82	cps
Tin	118-1	1881459	1898206	1888428	1889364	0.45	cps
Titanium	47-1	1730831	1729866	1733968	1731555	0.12	cps
Uranium	238-1	7584536	7614659	7646653	7615283	0.41	cps
Vanadium	51-2	472916	476727	475972	475205	0.42	cps
Yttrium	89-1	1423942	1417762	1450899	1430868	1.23	cps
Yttrium	89-2	159705	159381	159148	159411	0.18	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0670A	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:09:03	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	179934	182337	182766	181679	0.84	cps
Zirconium	90-1	3891060	3866470	3879414	3878981	0.32	cps
Zirconium	91-1	861360	863710	881444	868838	1.26	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-04	Instrumnet Name :	P7
Client Sample ID :	S32-0672	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:12:38	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2309	2267	2609	2395	7.78	cps
Antimony	121-1	4326	4401	4234	4320	1.93	cps
Arsenic	75-2	1002	928	909	946	5.18	cps
Barium	135-1	25249	25925	25283	25485	1.50	cps
Barium	137-1	44798	43620	44522	44313	1.39	cps
Beryllium	9-1	172	122	156	150	16.97	cps
Bismuth	209-1	1057939	1071002	1065611	1064851	0.62	cps
Bismuth	209-2	563882	564618	563189	563896	0.13	cps
Boron	10-1	17769	16243	16668	16893	4.66	cps
Boron	11-1	76846	78110	76544	77167	1.08	cps
Cadmium	111-1	445	528	377	450	16.84	cps
Cadmium	106-1	467	575	408	483	17.50	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Calcium	43-1	776664	780780	780839	779428	0.31	cps
Calcium	44-1	12674102	12961441	12832006	12822516	1.12	cps
Chromium	52-2	1750	1643	1870	1755	6.46	cps
Cobalt	59-2	443	443	450	446	0.86	cps
Copper	63-2	3487	3587	3444	3506	2.10	cps
Dysprosium	156-1	133	142	125	133	6.25	cps
Dysprosium	156-2	60	63	90	71	23.12	cps
Erbium	164-1	158	100	133	131	22.41	cps
Erbium	164-2	90	43	83	72	34.95	cps
Gadolinium	160-1	117	158	92	122	27.56	cps
Gadolinium	160-2	77	50	90	72	28.20	cps
Holmium	165-1	1769387	1783425	1789929	1780914	0.59	cps
Holmium	165-2	787437	782436	783613	784495	0.33	cps
Indium	115-1	1312506	1316390	1326491	1318462	0.55	cps
Indium	115-2	205331	209469	209859	208219	1.21	cps
Iron	56-2	1193244	1180729	1183723	1185898	0.55	cps
Iron	57-2	33667	33222	32614	33168	1.59	cps
Krypton	83-1	810	707	857	791	9.70	cps
Lead	206-1	1839	1889	1772	1834	3.19	cps
Lead	207-1	1750	1617	1572	1646	5.62	cps
Lead	208-1	7001	6951	6584	6845	3.32	cps
Lithium	6-1	653765	663719	669684	662389	1.21	cps
Magnesium	24-2	2063506	2062160	2044380	2056682	0.52	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-04	Instrumnet Name :	P7
Client Sample ID :	S32-0672	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:12:38	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	923810	917366	910872	917349	0.71	cps
Molybdenum	94-1	5676	5610	5835	5707	2.03	cps
Molybdenum	95-1	8953	9170	8686	8937	2.71	cps
Molybdenum	96-1	9762	9954	9845	9854	0.98	cps
Molybdenum	97-1	5643	5293	5635	5524	3.62	cps
Molybdenum	98-1	15234	14691	14892	14939	1.84	cps
Neodymium	150-1	200	187	167	184	9.10	cps
Neodymium	150-2	60	37	53	50	24.03	cps
Nickel	60-2	230	220	233	228	3.05	cps
Phosphorus	31-2	133	117	183	144	24.02	cps
Potassium	39-2	504804	502065	495891	500920	0.91	cps
Rhodium	103-1	1200811	1208619	1174845	1194758	1.48	cps
Rhodium	103-2	480421	484919	483048	482796	0.47	cps
Scandium	45-1	888165	897691	899529	895128	0.68	cps
Scandium	45-2	30315	30091	29637	30014	1.15	cps
Selenium	77-2	0	7	13	7	99.98	cps
Selenium	78-2	30	19	37	28	32.83	cps
Selenium	82-1	2	149	-96	18	672.17	cps
Silicon	28-1	18925658	19152349	18982791	19020266	0.62	cps
Silver	109-1	592	550	700	614	12.61	cps
Silver	107-1	575	450	892	639	35.63	cps
Sodium	23-2	10374139	10284709	10255659	10304836	0.60	cps
Strontium	86-1	530938	539893	528399	533077	1.13	cps
Strontium	88-1	4497037	4533484	4497144	4509222	0.47	cps
Sulfur	34-1	247397	245836	246297	246510	0.33	cps
Terbium	159-1	1776818	1795744	1823937	1798833	1.32	cps
Terbium	159-2	769569	764469	767429	767156	0.33	cps
Thallium	203-1	1258	1350	1383	1331	4.86	cps
Thallium	205-1	3151	2550	2325	2675	15.95	cps
Thorium	232-1	1828	1795	1667	1763	4.82	cps
Tin	118-1	8820	9020	8937	8925	1.13	cps
Titanium	47-1	3617	3642	3359	3539	4.43	cps
Uranium	238-1	6810	6243	6127	6394	5.72	cps
Vanadium	51-2	443	480	473	466	4.20	cps
Yttrium	89-1	1434817	1457498	1443455	1445257	0.79	cps
Yttrium	89-2	160132	161055	161281	160823	0.38	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5532-04	Instrumnet Name :	P7
Client Sample ID :	S32-0672	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:12:38	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2190	2267	2387	2281	4.35	cps
Zirconium	90-1	1709	2000	1992	1900	8.74	cps
Zirconium	91-1	450	392	542	461	16.40	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5508-04DLX10	Instrumnet Name :	P7
Client Sample ID :	S32-0668DL	Dilution Factor :	10
Date & Time Acquired ::	2019-11-07 18:16:12	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	83	100	97	13.09	cps
Antimony	121-1	1108	917	950	992	10.33	cps
Arsenic	75-2	146	133	169	149	11.91	cps
Barium	135-1	4409	4468	4701	4526	3.41	cps
Barium	137-1	7986	7169	7869	7675	5.76	cps
Beryllium	9-1	72	56	100	76	29.57	cps
Bismuth	209-1	1101387	1092019	1089185	1094197	0.58	cps
Bismuth	209-2	598409	601898	588883	596397	1.13	cps
Boron	10-1	4534	4651	4534	4573	1.47	cps
Boron	11-1	20907	20857	19572	20445	3.70	cps
Cadmium	111-1	492	402	344	413	18.12	cps
Cadmium	106-1	600	525	408	511	18.90	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Calcium	43-1	107749	107632	107809	107730	0.08	cps
Calcium	44-1	1737924	1708957	1739216	1728699	0.99	cps
Chromium	52-2	363	380	393	379	3.97	cps
Cobalt	59-2	893	890	870	884	1.43	cps
Copper	63-2	1007	1043	970	1007	3.64	cps
Dysprosium	156-1	17	8	50	25	88.19	cps
Dysprosium	156-2	37	27	20	28	30.20	cps
Erbium	164-1	83	50	17	50	66.67	cps
Erbium	164-2	37	50	43	43	15.38	cps
Gadolinium	160-1	33	42	58	44	28.65	cps
Gadolinium	160-2	50	60	67	59	14.25	cps
Holmium	165-1	1761229	1738999	1761288	1753838	0.73	cps
Holmium	165-2	814934	808404	813228	812189	0.42	cps
Indium	115-1	1331964	1330484	1327022	1329823	0.19	cps
Indium	115-2	219840	220136	218597	219524	0.37	cps
Iron	56-2	936657	941459	930654	936257	0.58	cps
Iron	57-2	24749	24376	24287	24471	1.00	cps
Krypton	83-1	643	717	740	700	7.21	cps
Lead	206-1	1089	989	1017	1032	5.00	cps
Lead	207-1	995	950	878	941	6.26	cps
Lead	208-1	3895	3761	3589	3748	4.09	cps
Lithium	6-1	630570	620930	624762	625420	0.78	cps
Magnesium	24-2	99195	97769	97332	98099	0.99	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5508-04DLX10	Instrumnet Name :	P7
Client Sample ID :	S32-0668DL	Dilution Factor :	10
Date & Time Acquired ::	2019-11-07 18:16:12	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	582597	577548	574114	578086	0.74	cps
Molybdenum	94-1	400	458	525	461	13.57	cps
Molybdenum	95-1	650	725	575	650	11.54	cps
Molybdenum	96-1	683	750	700	711	4.88	cps
Molybdenum	97-1	358	358	400	372	6.46	cps
Molybdenum	98-1	1067	892	975	978	8.95	cps
Neodymium	150-1	47	47	60	51	15.06	cps
Neodymium	150-2	20	17	17	18	10.81	cps
Nickel	60-2	150	167	163	160	5.51	cps
Phosphorus	31-2	33	42	33	36	13.33	cps
Potassium	39-2	65855	65437	65470	65587	0.35	cps
Rhodium	103-1	1221971	1232885	1227674	1227510	0.44	cps
Rhodium	103-2	511414	514782	509498	511898	0.52	cps
Scandium	45-1	917171	914610	904116	911966	0.76	cps
Scandium	45-2	31818	31464	31003	31428	1.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	52	39	40	27.82	cps
Selenium	82-1	130	4	-14	40	195.76	cps
Silicon	28-1	2171470	2145256	2140502	2152409	0.77	cps
Silver	109-1	342	183	292	272	29.73	cps
Silver	107-1	383	200	267	283	32.75	cps
Sodium	23-2	527297	531433	525035	527922	0.61	cps
Strontium	86-1	56604	56713	54756	56024	1.96	cps
Strontium	88-1	479658	475539	475411	476870	0.51	cps
Sulfur	34-1	289206	290710	290455	290124	0.28	cps
Terbium	159-1	1810370	1786106	1771656	1789377	1.09	cps
Terbium	159-2	787721	789344	767930	781665	1.53	cps
Thallium	203-1	508	642	650	600	13.25	cps
Thallium	205-1	1067	1325	1017	1136	14.57	cps
Thorium	232-1	1317	1333	1472	1374	6.22	cps
Tin	118-1	883	908	775	856	8.28	cps
Titanium	47-1	217	208	108	178	33.91	cps
Uranium	238-1	2459	2425	2259	2381	4.50	cps
Vanadium	51-2	93	67	90	83	17.44	cps
Yttrium	89-1	1471811	1442158	1452044	1455338	1.04	cps
Yttrium	89-2	170068	169194	169046	169436	0.33	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5508-04DLX10	Instrumnet Name :	P7
Client Sample ID :	S32-0668DL	Dilution Factor :	10
Date & Time Acquired ::	2019-11-07 18:16:12	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1297	1260	1313	1290	2.11	cps
Zirconium	90-1	267	275	383	308	21.11	cps
Zirconium	91-1	83	58	75	72	17.62	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : K5588-01 Instrumnet Name : P7
 Client Sample ID : FA19-MATTAWAMKEG-E Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 18:19:46 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	42	67	61	28.38	cps
Antimony	121-1	3284	4117	4484	3962	15.53	cps
Arsenic	75-2	28	28	24	27	8.07	cps
Barium	135-1	458	467	483	469	2.71	cps
Barium	137-1	617	675	808	700	14.04	cps
Beryllium	9-1	67	78	61	69	12.39	cps
Bismuth	209-1	1077946	1096978	1097700	1090875	1.03	cps
Bismuth	209-2	569274	570150	565429	568284	0.44	cps
Boron	10-1	3225	3209	3100	3178	2.14	cps
Boron	11-1	14941	13431	13865	14079	5.52	cps
Cadmium	111-1	438	468	336	414	16.65	cps
Cadmium	106-1	500	542	383	475	17.28	cps
Cadmium	108-1	17	17	4	13	57.72	cps
Calcium	43-1	225	250	200	225	11.11	cps
Calcium	44-1	5035	5376	5710	5373	6.28	cps
Chromium	52-2	1337	1303	1293	1311	1.73	cps
Cobalt	59-2	40	50	67	52	25.80	cps
Copper	63-2	2754	2537	2414	2568	6.70	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	13	23	10	16	44.60	cps
Erbium	164-1	33	67	50	50	33.34	cps
Erbium	164-2	47	37	27	37	27.27	cps
Gadolinium	160-1	0	25	17	14	91.65	cps
Gadolinium	160-2	37	53	23	38	39.79	cps
Holmium	165-1	1683977	1690149	1732667	1702265	1.56	cps
Holmium	165-2	758928	752824	757070	756274	0.41	cps
Indium	115-1	1257442	1267467	1291400	1272103	1.37	cps
Indium	115-2	201145	203772	203173	202697	0.68	cps
Iron	56-2	4467	4379	4729	4525	4.02	cps
Iron	57-2	244	261	250	252	3.37	cps
Krypton	83-1	777	823	723	774	6.46	cps
Lead	206-1	1583	1567	1339	1496	9.13	cps
Lead	207-1	1406	1217	1167	1263	9.98	cps
Lead	208-1	5601	5323	4939	5288	6.28	cps
Lithium	6-1	614466	625921	622875	621087	0.96	cps
Magnesium	24-2	242	200	150	197	23.27	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-01	Instrumnet Name :	P7
Client Sample ID :	FA19-MATTAWAMKEG-E	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:19:46	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	413	420	500	444	10.85	cps
Molybdenum	94-1	267	242	192	233	16.37	cps
Molybdenum	95-1	250	242	233	242	3.45	cps
Molybdenum	96-1	300	275	350	308	12.39	cps
Molybdenum	97-1	117	158	192	156	24.16	cps
Molybdenum	98-1	392	417	525	444	15.95	cps
Neodymium	150-1	20	13	47	27	66.16	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	43	37	33	38	13.48	cps
Phosphorus	31-2	58	33	42	44	28.65	cps
Potassium	39-2	11630	12714	12039	12128	4.51	cps
Rhodium	103-1	1165767	1162410	1161145	1163107	0.21	cps
Rhodium	103-2	478726	481759	479034	479840	0.35	cps
Scandium	45-1	830121	827046	847653	834940	1.33	cps
Scandium	45-2	28197	28795	28437	28476	1.06	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	24	28	39	30	25.50	cps
Selenium	82-1	22	-73	64	5	1540.21	cps
Silicon	28-1	151240	150466	150751	150819	0.26	cps
Silver	109-1	358	517	450	442	18.00	cps
Silver	107-1	408	408	542	453	17.00	cps
Sodium	23-2	27526	27451	26599	27192	1.89	cps
Strontium	86-1	1258	1367	1425	1350	6.27	cps
Strontium	88-1	633	625	750	669	10.44	cps
Sulfur	34-1	231649	232809	230885	231781	0.42	cps
Terbium	159-1	1699777	1755857	1731449	1729028	1.63	cps
Terbium	159-2	721350	737509	722545	727135	1.24	cps
Thallium	203-1	700	667	692	686	2.53	cps
Thallium	205-1	1150	1333	1117	1200	9.72	cps
Thorium	232-1	1300	1283	1272	1285	1.09	cps
Tin	118-1	5393	5626	5860	5626	4.15	cps
Titanium	47-1	158	250	92	167	47.70	cps
Uranium	238-1	1975	2150	2025	2050	4.40	cps
Vanadium	51-2	160	187	133	160	16.67	cps
Yttrium	89-1	1377329	1385899	1380705	1381311	0.31	cps
Yttrium	89-2	154440	153659	153525	153875	0.32	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-01	Instrumnet Name :	P7
Client Sample ID :	FA19-MATTAWAMKEG-E	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:19:46	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1873	1817	1787	1826	2.41	cps
Zirconium	90-1	200	233	200	211	9.12	cps
Zirconium	91-1	50	58	58	56	8.67	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:29:42	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2467	2542	2509	2506	1.50	cps
Antimony	121-1	992	758	867	872	13.39	cps
Arsenic	75-2	59311	58913	59190	59138	0.34	cps
Barium	135-1	200	233	225	219	7.90	cps
Barium	137-1	267	275	450	331	31.32	cps
Beryllium	9-1	72	50	56	59	19.51	cps
Bismuth	209-1	972006	1008589	970021	983539	2.21	cps
Bismuth	209-2	533795	540022	527016	533611	1.22	cps
Boron	10-1	1350	1517	1325	1397	7.46	cps
Boron	11-1	6668	6210	5918	6265	6.04	cps
Cadmium	111-1	448	388	415	417	7.26	cps
Cadmium	106-1	583	475	525	528	10.27	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	1383	1634	1408	1475	9.34	cps
Calcium	44-1	22159	22117	21967	22081	0.46	cps
Chromium	52-2	538752	529308	532826	533629	0.89	cps
Cobalt	59-2	1450	1407	1520	1459	3.92	cps
Copper	63-2	2820	2897	2844	2854	1.38	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	27	13	3	14	81.07	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	30	27	53	37	39.62	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	43	80	53	59	32.19	cps
Holmium	165-1	1636122	1720825	1642306	1666418	2.83	cps
Holmium	165-2	770686	763297	767822	767268	0.49	cps
Indium	115-1	1198134	1261667	1210714	1223505	2.75	cps
Indium	115-2	202490	202717	201399	202202	0.35	cps
Iron	56-2	115822661	114982136	114423758	115076185	0.61	cps
Iron	57-2	2793143	2775112	2797970	2788742	0.43	cps
Krypton	83-1	823	687	710	740	9.88	cps
Lead	206-1	1632424	1604654	1618728	1618602	0.86	cps
Lead	207-1	1468183	1436277	1458809	1454423	1.13	cps
Lead	208-1	6533052	6411031	6448718	6464267	0.97	cps
Lithium	6-1	605664	628416	607442	613841	2.06	cps
Magnesium	24-2	24197665	23851716	23789964	23946448	0.92	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:29:42	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	625583	630264	625658	627168	0.43	cps
Molybdenum	94-1	1692	1717	1875	1761	5.65	cps
Molybdenum	95-1	2900	2909	2642	2817	5.38	cps
Molybdenum	96-1	6143	5810	5718	5890	3.80	cps
Molybdenum	97-1	1625	1684	1742	1684	3.47	cps
Molybdenum	98-1	4559	4584	4101	4415	6.17	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	10	10	20	13	43.30	cps
Nickel	60-2	3524	3747	3534	3602	3.50	cps
Phosphorus	31-2	17	58	50	42	52.91	cps
Potassium	39-2	11388	11030	10980	11132	2.00	cps
Rhodium	103-1	1097242	1163272	1100061	1120192	3.33	cps
Rhodium	103-2	463492	469573	463596	465554	0.75	cps
Scandium	45-1	853449	896963	863874	871429	2.61	cps
Scandium	45-2	30632	30318	29560	30170	1.83	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	41	33	28	34	19.15	cps
Selenium	82-1	-142	38	-14	-39	-236.33	cps
Silicon	28-1	130129	131741	133372	131747	1.23	cps
Silver	109-1	192	208	233	211	9.93	cps
Silver	107-1	167	192	233	197	17.08	cps
Sodium	23-2	12814	13248	12681	12914	2.30	cps
Strontium	86-1	1083	1092	1175	1117	4.54	cps
Strontium	88-1	517	517	358	464	19.71	cps
Sulfur	34-1	249574	248167	245899	247880	0.75	cps
Terbium	159-1	1675959	1753117	1654643	1694573	3.06	cps
Terbium	159-2	752967	738260	744831	745353	0.99	cps
Thallium	203-1	575	567	608	583	3.78	cps
Thallium	205-1	900	1158	883	981	15.73	cps
Thorium	232-1	1517	1578	1622	1572	3.37	cps
Tin	118-1	458	475	517	483	6.22	cps
Titanium	47-1	92	117	183	131	36.30	cps
Uranium	238-1	2125	2217	2025	2123	4.52	cps
Vanadium	51-2	83	77	57	72	19.22	cps
Yttrium	89-1	1360277	1420575	1370587	1383813	2.33	cps
Yttrium	89-2	159154	161780	158586	159840	1.07	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:29:42	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1303	1300	1317	1307	0.68	cps
Zirconium	90-1	125	133	167	142	15.56	cps
Zirconium	91-1	250	383	317	317	21.05	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P7
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 18:33:57 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	25	11	114.58	cps
Antimony	121-1	33	25	25	28	17.31	cps
Arsenic	75-2	7	6	11	8	35.21	cps
Barium	135-1	50	33	25	36	35.25	cps
Barium	137-1	17	17	42	25	57.73	cps
Beryllium	9-1	56	50	44	50	11.11	cps
Bismuth	209-1	1014884	1018117	1051073	1028025	1.95	cps
Bismuth	209-2	565530	543187	541962	550226	2.41	cps
Boron	10-1	1108	1117	1275	1167	8.05	cps
Boron	11-1	5143	4609	5176	4976	6.39	cps
Cadmium	111-1	314	390	356	353	10.75	cps
Cadmium	106-1	425	492	442	453	7.66	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	108	150	42	100	54.64	cps
Calcium	44-1	2592	2517	2425	2511	3.32	cps
Chromium	52-2	310	310	273	298	7.11	cps
Cobalt	59-2	0	20	7	9	114.55	cps
Copper	63-2	370	410	340	373	9.41	cps
Dysprosium	156-1	0	50	8	19	137.78	cps
Dysprosium	156-2	20	20	23	21	9.11	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	30	20	23	24	20.83	cps
Gadolinium	160-1	8	8	8	8	0.00	cps
Gadolinium	160-2	40	30	50	40	25.00	cps
Holmium	165-1	1601762	1621900	1688383	1637348	2.77	cps
Holmium	165-2	772396	734027	732357	746260	3.04	cps
Indium	115-1	1239116	1238284	1283607	1253669	2.07	cps
Indium	115-2	206123	203585	197940	202549	2.07	cps
Iron	56-2	7202	6791	6618	6870	4.36	cps
Iron	57-2	339	256	228	274	21.10	cps
Krypton	83-1	703	673	787	721	8.14	cps
Lead	206-1	1111	1056	978	1048	6.39	cps
Lead	207-1	889	878	911	893	1.90	cps
Lead	208-1	3928	3595	3767	3763	4.43	cps
Lithium	6-1	595370	601142	617518	604677	1.90	cps
Magnesium	24-2	1142	1083	1108	1111	2.63	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:33:57	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	53	57	52	9.75	cps
Molybdenum	94-1	67	75	25	56	48.22	cps
Molybdenum	95-1	33	67	50	50	33.34	cps
Molybdenum	96-1	42	92	117	83	45.82	cps
Molybdenum	97-1	17	17	17	17	0.00	cps
Molybdenum	98-1	50	67	58	58	14.29	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	17	13	13	14	13.35	cps
Nickel	60-2	3	0	10	4	114.60	cps
Phosphorus	31-2	25	50	58	44	39.04	cps
Potassium	39-2	10371	9912	10204	10162	2.28	cps
Rhodium	103-1	1133855	1135918	1186598	1152124	2.59	cps
Rhodium	103-2	485628	472588	459822	472679	2.73	cps
Scandium	45-1	862623	872748	896271	877214	1.97	cps
Scandium	45-2	29924	29413	28738	29358	2.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	37	22	30	24.75	cps
Selenium	82-1	11	17	-34	-2	-1557.88	cps
Silicon	28-1	110146	109792	109398	109779	0.34	cps
Silver	109-1	175	142	125	147	17.29	cps
Silver	107-1	108	142	167	139	21.07	cps
Sodium	23-2	7519	7444	7444	7469	0.58	cps
Strontium	86-1	1117	1158	1067	1114	4.12	cps
Strontium	88-1	108	33	67	69	54.12	cps
Sulfur	34-1	248964	246549	247100	247537	0.51	cps
Terbium	159-1	1648303	1659552	1721991	1676615	2.37	cps
Terbium	159-2	753840	731082	705969	730297	3.28	cps
Thallium	203-1	392	358	525	425	20.75	cps
Thallium	205-1	625	683	583	631	7.97	cps
Thorium	232-1	1495	1389	1567	1483	6.03	cps
Tin	118-1	425	400	258	361	24.89	cps
Titanium	47-1	58	100	8	56	82.62	cps
Uranium	238-1	1842	1967	1917	1909	3.30	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	1329660	1350202	1395388	1358417	2.48	cps
Yttrium	89-2	159684	154819	149076	154526	3.44	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:33:57	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63	63	87	71	18.95	cps
Zirconium	90-1	67	92	150	103	41.61	cps
Zirconium	91-1	8	8	33	17	86.64	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-02	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW09SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:37:32	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883	817	675	792	13.44	cps
Antimony	121-1	2125	2300	2575	2334	9.72	cps
Arsenic	75-2	296	263	304	288	7.54	cps
Barium	135-1	78798	79293	79696	79262	0.57	cps
Barium	137-1	135163	139404	138797	137788	1.66	cps
Beryllium	9-1	106	61	67	78	31.14	cps
Bismuth	209-1	1017807	1008941	1012915	1013221	0.44	cps
Bismuth	209-2	533900	530678	531807	532129	0.31	cps
Boron	10-1	2584	2334	2550	2489	5.45	cps
Boron	11-1	11730	11355	11980	11688	2.69	cps
Cadmium	111-1	366	430	418	405	8.41	cps
Cadmium	106-1	375	408	442	408	8.16	cps
Cadmium	108-1	25	21	17	21	19.99	cps
Calcium	43-1	418754	418348	426392	421165	1.08	cps
Calcium	44-1	6851355	6990034	6922681	6921356	1.00	cps
Chromium	52-2	1930	1857	1823	1870	2.92	cps
Cobalt	59-2	5211	5041	5068	5107	1.79	cps
Copper	63-2	9483	9670	9420	9524	1.37	cps
Dysprosium	156-1	1559	1650	1408	1539	7.93	cps
Dysprosium	156-2	613	613	623	617	0.94	cps
Erbium	164-1	1158	1075	1442	1225	15.69	cps
Erbium	164-2	543	597	623	588	6.93	cps
Gadolinium	160-1	1392	1425	1508	1442	4.17	cps
Gadolinium	160-2	740	723	643	702	7.36	cps
Holmium	165-1	1706326	1707020	1706611	1706652	0.02	cps
Holmium	165-2	759260	758096	746375	754577	0.94	cps
Indium	115-1	1235294	1236270	1243033	1238199	0.34	cps
Indium	115-2	197216	199641	198129	198329	0.62	cps
Iron	56-2	11794271	11782400	11930805	11835825	0.70	cps
Iron	57-2	291964	292198	292260	292140	0.05	cps
Krypton	83-1	770	680	763	738	6.80	cps
Lead	206-1	8664	8825	8581	8690	1.43	cps
Lead	207-1	7208	7180	7191	7193	0.19	cps
Lead	208-1	33022	33195	32928	33048	0.41	cps
Lithium	6-1	642525	651635	655329	649830	1.01	cps
Magnesium	24-2	483830	481451	484060	483113	0.30	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-02	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW09SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:37:32	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2415849	2373542	2414297	2401229	1.00	cps
Molybdenum	94-1	2092	1734	1650	1825	12.86	cps
Molybdenum	95-1	683	792	667	714	9.51	cps
Molybdenum	96-1	1017	975	1000	997	2.10	cps
Molybdenum	97-1	400	267	317	328	20.55	cps
Molybdenum	98-1	783	758	658	733	9.02	cps
Neodymium	150-1	1420	1560	1700	1560	8.98	cps
Neodymium	150-2	493	553	583	543	8.43	cps
Nickel	60-2	1857	1823	1850	1843	0.96	cps
Phosphorus	31-2	67	83	108	86	24.35	cps
Potassium	39-2	110636	109176	109226	109679	0.76	cps
Rhodium	103-1	1097013	1105142	1130351	1110836	1.56	cps
Rhodium	103-2	461531	458107	460850	460163	0.39	cps
Scandium	45-1	875162	877928	870391	874494	0.44	cps
Scandium	45-2	29510	30097	29847	29818	0.99	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	26	50	30	35	36.84	cps
Selenium	82-1	-13	182	75	81	120.31	cps
Silicon	28-1	14556675	14616691	14733076	14635481	0.61	cps
Silver	109-1	1050	842	842	911	13.20	cps
Silver	107-1	800	1025	875	900	12.73	cps
Sodium	23-2	56757203	56798145	57610122	57055157	0.84	cps
Strontium	86-1	245759	248352	251198	248436	1.10	cps
Strontium	88-1	2101135	2119015	2122606	2114252	0.54	cps
Sulfur	34-1	261228	263001	258740	260990	0.82	cps
Terbium	159-1	1701908	1735423	1730140	1722490	1.05	cps
Terbium	159-2	729974	724672	725999	726882	0.38	cps
Thallium	203-1	600	525	617	581	8.41	cps
Thallium	205-1	1100	975	1108	1061	7.04	cps
Thorium	232-1	1945	2178	1967	2030	6.35	cps
Tin	118-1	5468	5935	5551	5651	4.41	cps
Titanium	47-1	425	500	542	489	12.09	cps
Uranium	238-1	3117	3000	3034	3050	1.97	cps
Vanadium	51-2	320	293	290	301	5.46	cps
Yttrium	89-1	1400670	1411386	1400956	1404337	0.43	cps
Yttrium	89-2	158474	156183	155327	156661	1.04	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-02	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW09SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:37:32	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2460	2454	2410	2441	1.11	cps
Zirconium	90-1	4334	4326	4384	4348	0.72	cps
Zirconium	91-1	867	1075	983	975	10.71	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-03	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW11SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:41:07	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	833	825	767	808	4.49	cps
Antimony	121-1	3551	3709	4026	3762	6.43	cps
Arsenic	75-2	237	281	267	262	8.65	cps
Barium	135-1	55696	55387	55621	55568	0.29	cps
Barium	137-1	95847	94112	95260	95073	0.93	cps
Beryllium	9-1	167	111	172	150	22.53	cps
Bismuth	209-1	1074886	1077870	1087564	1080107	0.61	cps
Bismuth	209-2	565782	570559	567285	567875	0.43	cps
Boron	10-1	2350	2475	2184	2336	6.26	cps
Boron	11-1	10763	11413	10879	11018	3.15	cps
Cadmium	111-1	678	614	600	631	6.66	cps
Cadmium	106-1	625	467	525	539	14.86	cps
Cadmium	108-1	25	13	38	25	50.00	cps
Calcium	43-1	237231	236084	237344	236886	0.29	cps
Calcium	44-1	3809958	3860528	3790842	3820443	0.94	cps
Chromium	52-2	1853	1797	1903	1851	2.88	cps
Cobalt	59-2	24588	24103	23896	24196	1.47	cps
Copper	63-2	5715	5795	5544	5685	2.25	cps
Dysprosium	156-1	2942	2667	2925	2845	5.42	cps
Dysprosium	156-2	1070	1053	1047	1057	1.14	cps
Erbium	164-1	1267	1417	1325	1336	5.66	cps
Erbium	164-2	550	627	483	553	12.96	cps
Gadolinium	160-1	1442	1117	1075	1211	16.58	cps
Gadolinium	160-2	693	640	637	657	4.84	cps
Holmium	165-1	1698373	1726664	1738026	1721021	1.19	cps
Holmium	165-2	769962	771284	765551	768932	0.39	cps
Indium	115-1	1285475	1304640	1294474	1294863	0.74	cps
Indium	115-2	204967	204917	206503	205462	0.44	cps
Iron	56-2	3391088	3410064	3405837	3402330	0.29	cps
Iron	57-2	87393	88020	87297	87570	0.45	cps
Krypton	83-1	740	720	790	750	4.81	cps
Lead	206-1	5351	5251	5346	5316	1.06	cps
Lead	207-1	4523	4618	4045	4395	6.98	cps
Lead	208-1	20345	20390	20535	20423	0.48	cps
Lithium	6-1	651020	657938	657736	655565	0.60	cps
Magnesium	24-2	570080	565469	563441	566330	0.60	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-03	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW11SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:41:07	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1194520	1207615	1190141	1197425	0.76	cps
Molybdenum	94-1	475	550	642	556	15.03	cps
Molybdenum	95-1	483	550	342	458	23.21	cps
Molybdenum	96-1	467	542	625	544	14.55	cps
Molybdenum	97-1	275	275	167	239	26.18	cps
Molybdenum	98-1	650	725	675	683	5.59	cps
Neodymium	150-1	1587	1673	1573	1611	3.37	cps
Neodymium	150-2	577	560	577	571	1.69	cps
Nickel	60-2	6555	6732	6455	6580	2.13	cps
Phosphorus	31-2	75	100	75	83	17.32	cps
Potassium	39-2	54050	52653	52703	53135	1.49	cps
Rhodium	103-1	1193201	1157759	1173987	1174982	1.51	cps
Rhodium	103-2	487764	488936	480790	485830	0.91	cps
Scandium	45-1	878316	883043	877468	879609	0.34	cps
Scandium	45-2	29770	29730	28932	29477	1.60	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	28	33	31	31	9.16	cps
Selenium	82-1	23	138	-30	44	195.54	cps
Silicon	28-1	14093699	14196526	14135699	14141975	0.37	cps
Silver	109-1	567	392	617	525	22.50	cps
Silver	107-1	492	533	783	603	26.17	cps
Sodium	23-2	358421	354600	353775	355599	0.70	cps
Strontium	86-1	164742	164224	167839	165602	1.18	cps
Strontium	88-1	1396252	1422590	1420364	1413069	1.03	cps
Sulfur	34-1	275290	278438	274883	276204	0.70	cps
Terbium	159-1	1740208	1768363	1756538	1755036	0.81	cps
Terbium	159-2	740983	747345	738889	742406	0.59	cps
Thallium	203-1	600	750	758	703	12.68	cps
Thallium	205-1	1092	1000	1200	1097	9.12	cps
Thorium	232-1	2084	2128	2184	2132	2.35	cps
Tin	118-1	4976	5034	5059	5023	0.85	cps
Titanium	47-1	508	558	558	542	5.33	cps
Uranium	238-1	3267	3401	3451	3373	2.81	cps
Vanadium	51-2	267	213	263	248	12.06	cps
Yttrium	89-1	1407270	1430180	1455192	1430881	1.68	cps
Yttrium	89-2	158945	160446	158855	159415	0.56	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-03	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW11SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:41:07	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2757	2660	2654	2690	2.15	cps
Zirconium	90-1	683	608	1017	770	28.28	cps
Zirconium	91-1	283	183	233	233	21.43	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : K5588-04 Instrumnet Name : P7
 Client Sample ID : FA19-MAMW11SR-9001 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 18:44:42 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683	892	842	806	13.50	cps
Antimony	121-1	3784	3809	3592	3728	3.18	cps
Arsenic	75-2	219	235	246	233	5.99	cps
Barium	135-1	53780	53413	53672	53622	0.35	cps
Barium	137-1	91687	94387	88676	91584	3.12	cps
Beryllium	9-1	117	167	111	131	23.27	cps
Bismuth	209-1	1081507	1114741	1072714	1089654	2.03	cps
Bismuth	209-2	573011	596155	564215	577793	2.86	cps
Boron	10-1	2175	2292	2309	2259	3.22	cps
Boron	11-1	9637	10996	10871	10501	7.15	cps
Cadmium	111-1	439	558	511	503	11.90	cps
Cadmium	106-1	450	467	433	450	3.70	cps
Cadmium	108-1	25	21	13	19	32.73	cps
Calcium	43-1	228516	226021	229613	228050	0.81	cps
Calcium	44-1	3655147	3694658	3659219	3669675	0.59	cps
Chromium	52-2	1623	1627	1570	1607	1.98	cps
Cobalt	59-2	22504	22818	23015	22779	1.13	cps
Copper	63-2	5071	4824	4954	4950	2.49	cps
Dysprosium	156-1	2984	2775	3034	2931	4.68	cps
Dysprosium	156-2	1073	943	857	958	11.39	cps
Erbium	164-1	1408	1217	1325	1317	7.30	cps
Erbium	164-2	543	583	607	578	5.54	cps
Gadolinium	160-1	1208	1250	1142	1200	4.55	cps
Gadolinium	160-2	590	470	617	559	13.98	cps
Holmium	165-1	1687476	1778188	1692995	1719553	2.96	cps
Holmium	165-2	766945	806634	754101	775893	3.53	cps
Indium	115-1	1271554	1339735	1275029	1295439	2.96	cps
Indium	115-2	204602	212609	200108	205773	3.08	cps
Iron	56-2	3006054	2970989	3022479	2999841	0.88	cps
Iron	57-2	76879	76610	78225	77238	1.12	cps
Krypton	83-1	757	760	720	746	2.98	cps
Lead	206-1	5012	5112	5335	5153	3.20	cps
Lead	207-1	4262	4073	4084	4140	2.56	cps
Lead	208-1	19150	18872	19462	19161	1.54	cps
Lithium	6-1	638815	661713	638442	646323	2.06	cps
Magnesium	24-2	533146	539416	543776	538779	0.99	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-04	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW11SR-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:44:42	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1146578	1146082	1147376	1146678	0.06	cps
Molybdenum	94-1	408	492	525	475	12.65	cps
Molybdenum	95-1	425	433	350	403	11.39	cps
Molybdenum	96-1	467	492	433	464	6.31	cps
Molybdenum	97-1	150	175	183	169	10.24	cps
Molybdenum	98-1	625	542	542	569	8.45	cps
Neodymium	150-1	1520	1553	1513	1529	1.40	cps
Neodymium	150-2	500	537	487	508	5.10	cps
Nickel	60-2	6211	6308	6131	6217	1.42	cps
Phosphorus	31-2	92	50	100	81	33.25	cps
Potassium	39-2	52009	50896	51590	51498	1.09	cps
Rhodium	103-1	1164814	1210334	1167279	1180809	2.17	cps
Rhodium	103-2	486881	507716	474050	489549	3.47	cps
Scandium	45-1	860201	908094	859284	875859	3.19	cps
Scandium	45-2	29813	31367	28842	30007	4.24	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	44	30	33	36	21.53	cps
Selenium	82-1	21	-9	87	33	149.79	cps
Silicon	28-1	13694557	13752641	13818035	13755078	0.45	cps
Silver	109-1	400	358	492	417	16.37	cps
Silver	107-1	375	467	458	433	11.70	cps
Sodium	23-2	341308	341838	346328	343158	0.80	cps
Strontium	86-1	155840	157557	156205	156534	0.58	cps
Strontium	88-1	1363330	1356801	1336098	1352076	1.05	cps
Sulfur	34-1	276537	278565	274560	276554	0.72	cps
Terbium	159-1	1729321	1814628	1719268	1754406	2.99	cps
Terbium	159-2	749166	781495	728099	752920	3.57	cps
Thallium	203-1	600	633	642	625	3.53	cps
Thallium	205-1	1100	967	1108	1058	7.51	cps
Thorium	232-1	2161	1967	2078	2069	4.72	cps
Tin	118-1	4359	4268	4493	4373	2.59	cps
Titanium	47-1	508	633	500	547	13.65	cps
Uranium	238-1	3109	3417	3367	3298	5.02	cps
Vanadium	51-2	197	203	210	203	3.28	cps
Yttrium	89-1	1411778	1472898	1399664	1428113	2.75	cps
Yttrium	89-2	157991	165060	156109	159720	2.95	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-04	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW11SR-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:44:42	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2430	2374	2404	2402	1.18	cps
Zirconium	90-1	608	700	800	703	13.64	cps
Zirconium	91-1	108	125	142	125	13.33	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-05	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW35SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:48:16	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	508	392	425	442	13.61	cps
Antimony	121-1	3376	3226	4017	3539	11.88	cps
Arsenic	75-2	50	31	41	41	22.73	cps
Barium	135-1	15292	14992	15793	15359	2.63	cps
Barium	137-1	26251	27119	26226	26532	1.92	cps
Beryllium	9-1	56	61	67	61	9.09	cps
Bismuth	209-1	1075142	1064392	1082008	1073848	0.83	cps
Bismuth	209-2	559719	547951	556756	554809	1.10	cps
Boron	10-1	2359	2317	2284	2320	1.62	cps
Boron	11-1	10696	10596	11171	10821	2.84	cps
Cadmium	111-1	413	414	371	399	6.09	cps
Cadmium	106-1	475	542	475	497	7.74	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	240598	243622	250114	244778	1.99	cps
Calcium	44-1	3840057	3926270	3990901	3919076	1.93	cps
Chromium	52-2	1957	1957	2017	1977	1.75	cps
Cobalt	59-2	73	60	90	74	20.19	cps
Copper	63-2	2874	2770	2750	2798	2.37	cps
Dysprosium	156-1	183	275	325	261	27.52	cps
Dysprosium	156-2	167	137	137	147	11.81	cps
Erbium	164-1	308	283	242	278	12.12	cps
Erbium	164-2	177	107	140	141	24.81	cps
Gadolinium	160-1	292	408	250	317	25.92	cps
Gadolinium	160-2	253	217	187	219	15.25	cps
Holmium	165-1	1752552	1745828	1776782	1758387	0.93	cps
Holmium	165-2	775994	765900	770496	770796	0.66	cps
Indium	115-1	1304105	1307648	1315770	1309175	0.46	cps
Indium	115-2	205979	203803	206177	205320	0.64	cps
Iron	56-2	10437	10371	10226	10345	1.04	cps
Iron	57-2	1378	1461	1450	1430	3.17	cps
Krypton	83-1	830	657	763	750	11.66	cps
Lead	206-1	1289	1428	1211	1309	8.38	cps
Lead	207-1	1278	1311	1206	1265	4.27	cps
Lead	208-1	4923	5362	4750	5012	6.29	cps
Lithium	6-1	639947	658113	659810	652624	1.69	cps
Magnesium	24-2	330134	328938	328949	329340	0.21	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-05	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW35SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:48:16	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1343	1287	1337	1322	2.34	cps
Molybdenum	94-1	542	458	308	436	27.11	cps
Molybdenum	95-1	600	608	767	658	14.27	cps
Molybdenum	96-1	708	717	650	692	5.25	cps
Molybdenum	97-1	442	458	283	394	24.49	cps
Molybdenum	98-1	1075	1133	1075	1095	3.08	cps
Neodymium	150-1	340	327	267	311	12.56	cps
Neodymium	150-2	73	97	160	110	40.77	cps
Nickel	60-2	443	440	447	443	0.75	cps
Phosphorus	31-2	50	42	17	36	48.03	cps
Potassium	39-2	75568	73433	72888	73963	1.92	cps
Rhodium	103-1	1172403	1186521	1182193	1180372	0.61	cps
Rhodium	103-2	479125	482939	485329	482464	0.65	cps
Scandium	45-1	880195	896081	908329	894868	1.58	cps
Scandium	45-2	30138	29586	30341	30022	1.30	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	30	17	52	33	54.38	cps
Selenium	82-1	-55	169	21	45	252.96	cps
Silicon	28-1	10308834	10662328	10695908	10555690	2.03	cps
Silver	109-1	317	383	417	372	13.68	cps
Silver	107-1	258	358	283	300	17.35	cps
Sodium	23-2	12770318	12518547	12573383	12620749	1.05	cps
Strontium	86-1	151730	154839	154672	153747	1.14	cps
Strontium	88-1	1303484	1320056	1340885	1321475	1.42	cps
Sulfur	34-1	289823	293913	294485	292741	0.87	cps
Terbium	159-1	1759177	1791480	1790304	1780320	1.03	cps
Terbium	159-2	740265	746210	750932	745802	0.72	cps
Thallium	203-1	558	467	500	508	9.13	cps
Thallium	205-1	592	700	642	644	8.41	cps
Thorium	232-1	1417	1500	1533	1483	4.05	cps
Tin	118-1	3142	3859	3551	3517	10.22	cps
Titanium	47-1	350	350	433	378	12.74	cps
Uranium	238-1	2500	2592	2517	2536	1.93	cps
Vanadium	51-2	160	220	157	179	19.93	cps
Yttrium	89-1	1398216	1422044	1445706	1421989	1.67	cps
Yttrium	89-2	158158	158063	160927	159049	1.02	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-05	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW35SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:48:16	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1980	1947	2000	1976	1.36	cps
Zirconium	90-1	367	558	467	464	20.67	cps
Zirconium	91-1	58	83	108	83	30.00	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-06	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW12SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:51:50	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2334	1967	2159	2153	8.52	cps
Antimony	121-1	3767	3767	3684	3740	1.29	cps
Arsenic	75-2	385	402	374	387	3.61	cps
Barium	135-1	46579	47658	48336	47524	1.86	cps
Barium	137-1	80400	83192	81851	81814	1.71	cps
Beryllium	9-1	83	44	94	74	35.44	cps
Bismuth	209-1	1074158	1097849	1087695	1086567	1.09	cps
Bismuth	209-2	572155	577972	587305	579144	1.32	cps
Boron	10-1	4159	4543	4476	4392	4.66	cps
Boron	11-1	20289	20448	20181	20306	0.66	cps
Cadmium	111-1	921	968	1009	966	4.56	cps
Cadmium	106-1	567	633	508	569	10.98	cps
Cadmium	108-1	67	54	38	53	27.73	cps
Calcium	43-1	498405	496447	502089	498980	0.57	cps
Calcium	44-1	8137737	8276212	8246276	8220075	0.89	cps
Chromium	52-2	2040	2010	1923	1991	3.04	cps
Cobalt	59-2	5428	5595	5488	5503	1.53	cps
Copper	63-2	35510	35614	35958	35694	0.66	cps
Dysprosium	156-1	1675	2042	1750	1822	10.63	cps
Dysprosium	156-2	687	857	790	778	11.01	cps
Erbium	164-1	1767	1725	1634	1709	3.99	cps
Erbium	164-2	690	790	743	741	6.75	cps
Gadolinium	160-1	1584	1500	1483	1522	3.52	cps
Gadolinium	160-2	783	720	773	759	4.49	cps
Holmium	165-1	1722388	1774834	1764388	1753870	1.58	cps
Holmium	165-2	787184	782003	807675	792287	1.71	cps
Indium	115-1	1295855	1314456	1319758	1310023	0.96	cps
Indium	115-2	207200	207144	208746	207697	0.44	cps
Iron	56-2	11430614	11385432	11318722	11378256	0.49	cps
Iron	57-2	281045	282697	282492	282078	0.32	cps
Krypton	83-1	793	890	743	809	9.22	cps
Lead	206-1	14403	14414	14408	14408	0.04	cps
Lead	207-1	12006	12045	11694	11915	1.61	cps
Lead	208-1	55702	55602	55090	55465	0.59	cps
Lithium	6-1	640500	648091	654805	647799	1.10	cps
Magnesium	24-2	624792	621173	616619	620862	0.66	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-06	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW12SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:51:50	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2453433	2476284	2447696	2459138	0.61	cps
Molybdenum	94-1	1750	1800	1483	1678	10.15	cps
Molybdenum	95-1	917	908	1100	975	11.11	cps
Molybdenum	96-1	1225	1350	1167	1247	7.51	cps
Molybdenum	97-1	350	542	433	442	21.76	cps
Molybdenum	98-1	1000	1058	1100	1053	4.77	cps
Neodymium	150-1	1974	2000	2074	2016	2.57	cps
Neodymium	150-2	710	690	647	682	4.75	cps
Nickel	60-2	2470	2394	2350	2405	2.53	cps
Phosphorus	31-2	133	58	83	92	41.66	cps
Potassium	39-2	60106	59604	60358	60023	0.64	cps
Rhodium	103-1	1179956	1193747	1191392	1188365	0.62	cps
Rhodium	103-2	491916	490685	497070	493224	0.69	cps
Scandium	45-1	870783	889681	886768	882411	1.15	cps
Scandium	45-2	29951	30221	31033	30401	1.85	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	31	30	28	30	6.24	cps
Selenium	82-1	26	-138	32	-27	-363.47	cps
Silicon	28-1	13723445	13918218	13957605	13866423	0.90	cps
Silver	109-1	275	467	442	394	26.42	cps
Silver	107-1	292	342	275	303	11.46	cps
Sodium	23-2	340520	340707	337049	339425	0.61	cps
Strontium	86-1	317319	324205	314145	318556	1.61	cps
Strontium	88-1	2700334	2734375	2783051	2739253	1.52	cps
Sulfur	34-1	237387	240654	233596	237212	1.49	cps
Terbium	159-1	1741998	1778930	1792258	1771062	1.47	cps
Terbium	159-2	767074	759699	770880	765885	0.74	cps
Thallium	203-1	325	458	392	392	17.02	cps
Thallium	205-1	600	592	642	611	4.38	cps
Thorium	232-1	2856	2856	2711	2808	2.97	cps
Tin	118-1	4601	4184	4584	4456	5.30	cps
Titanium	47-1	683	667	683	678	1.42	cps
Uranium	238-1	5651	5943	5993	5863	3.15	cps
Vanadium	51-2	507	510	513	510	0.65	cps
Yttrium	89-1	1432978	1440542	1461046	1444855	1.01	cps
Yttrium	89-2	162443	164608	166547	164533	1.25	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-06	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW12SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:51:50	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16116	16172	15989	16092	0.58	cps
Zirconium	90-1	3442	3601	3509	3517	2.26	cps
Zirconium	91-1	708	733	792	744	5.75	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-07	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW19SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:55:24	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	542	433	453	17.88	cps
Antimony	121-1	3376	3592	3742	3570	5.17	cps
Arsenic	75-2	280	276	267	274	2.44	cps
Barium	135-1	45977	44514	46170	45554	1.99	cps
Barium	137-1	79998	78599	79688	79429	0.93	cps
Beryllium	9-1	44	78	44	56	34.63	cps
Bismuth	209-1	1094103	1084119	1135451	1104558	2.46	cps
Bismuth	209-2	573637	565487	564380	567835	0.89	cps
Boron	10-1	2559	2900	3084	2848	9.36	cps
Boron	11-1	12631	13590	13531	13251	4.06	cps
Cadmium	111-1	455	406	458	439	6.63	cps
Cadmium	106-1	525	475	558	519	8.07	cps
Cadmium	108-1	13	8	29	17	66.16	cps
Calcium	43-1	518619	520259	516957	518611	0.32	cps
Calcium	44-1	8552154	8523575	8653123	8576284	0.79	cps
Chromium	52-2	1607	1623	1563	1598	1.94	cps
Cobalt	59-2	987	1037	993	1006	2.70	cps
Copper	63-2	3274	3210	3374	3286	2.51	cps
Dysprosium	156-1	1600	1642	1392	1545	8.67	cps
Dysprosium	156-2	777	697	697	723	6.39	cps
Erbium	164-1	1634	1617	1700	1650	2.67	cps
Erbium	164-2	627	693	680	667	5.29	cps
Gadolinium	160-1	1525	1533	1525	1528	0.31	cps
Gadolinium	160-2	813	767	800	793	3.03	cps
Holmium	165-1	1753753	1755651	1851123	1786843	3.12	cps
Holmium	165-2	780974	772269	772694	775312	0.63	cps
Indium	115-1	1304537	1304542	1342258	1317112	1.65	cps
Indium	115-2	205713	204195	208682	206197	1.11	cps
Iron	56-2	25016571	24702499	25192289	24970453	0.99	cps
Iron	57-2	618485	616517	613990	616331	0.37	cps
Krypton	83-1	753	830	750	778	5.82	cps
Lead	206-1	2723	2589	2773	2695	3.52	cps
Lead	207-1	2328	2111	2361	2267	5.99	cps
Lead	208-1	9963	9435	10369	9922	4.72	cps
Lithium	6-1	633991	639553	660944	644829	2.21	cps
Magnesium	24-2	1101875	1105317	1088766	1098653	0.79	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-07	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW19SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:55:24	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3684247	3643565	3655690	3661167	0.57	cps
Molybdenum	94-1	1233	1275	983	1164	13.56	cps
Molybdenum	95-1	917	850	842	870	4.73	cps
Molybdenum	96-1	1642	1433	1592	1556	6.99	cps
Molybdenum	97-1	392	425	383	400	5.51	cps
Molybdenum	98-1	1017	1075	1033	1042	2.88	cps
Neodymium	150-1	1974	1914	1907	1931	1.90	cps
Neodymium	150-2	647	677	607	643	5.46	cps
Nickel	60-2	567	660	620	616	7.61	cps
Phosphorus	31-2	100	58	75	78	26.96	cps
Potassium	39-2	67998	69262	68099	68453	1.03	cps
Rhodium	103-1	1190532	1188236	1233765	1204177	2.13	cps
Rhodium	103-2	485269	483936	485953	485053	0.21	cps
Scandium	45-1	881720	881388	931057	898055	3.18	cps
Scandium	45-2	29840	29954	29690	29828	0.44	cps
Selenium	77-2	10	10	7	9	21.63	cps
Selenium	78-2	33	26	26	28	15.05	cps
Selenium	82-1	75	-15	43	34	133.87	cps
Silicon	28-1	18924030	18687101	18943963	18851698	0.76	cps
Silver	109-1	317	417	283	339	20.48	cps
Silver	107-1	225	267	292	261	12.90	cps
Sodium	23-2	436000	436933	434460	435798	0.29	cps
Strontium	86-1	329746	329718	335051	331505	0.93	cps
Strontium	88-1	2830137	2836843	2813715	2826898	0.42	cps
Sulfur	34-1	280528	280289	278584	279800	0.38	cps
Terbium	159-1	1766006	1777116	1865216	1802779	3.02	cps
Terbium	159-2	755112	761941	759183	758745	0.45	cps
Thallium	203-1	525	425	483	478	10.51	cps
Thallium	205-1	550	542	617	569	7.22	cps
Thorium	232-1	1856	2006	2111	1991	6.45	cps
Tin	118-1	3476	3776	4176	3809	9.22	cps
Titanium	47-1	433	575	608	539	17.24	cps
Uranium	238-1	2475	2675	2517	2556	4.13	cps
Vanadium	51-2	377	353	450	393	12.82	cps
Yttrium	89-1	1450763	1440582	1513053	1468133	2.67	cps
Yttrium	89-2	161716	160879	163149	161914	0.71	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-07	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW19SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:55:24	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8976	8906	9180	9021	1.57	cps
Zirconium	90-1	2367	2209	2267	2281	3.51	cps
Zirconium	91-1	433	442	608	494	19.97	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-08	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW33SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:58:58	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683	642	567	631	9.38	cps
Antimony	121-1	3701	3709	3801	3737	1.49	cps
Arsenic	75-2	1893	1889	1933	1905	1.29	cps
Barium	135-1	37594	36349	39131	37691	3.70	cps
Barium	137-1	66904	64928	65555	65796	1.53	cps
Beryllium	9-1	28	67	28	41	55.11	cps
Bismuth	209-1	1113950	1099813	1105742	1106502	0.64	cps
Bismuth	209-2	564023	569295	575152	569490	0.98	cps
Boron	10-1	1417	1700	1709	1608	10.32	cps
Boron	11-1	8103	7544	7861	7836	3.58	cps
Cadmium	111-1	489	547	400	478	15.49	cps
Cadmium	106-1	517	583	408	503	17.57	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	105912	105049	105643	105534	0.42	cps
Calcium	44-1	1720304	1703867	1681004	1701725	1.16	cps
Chromium	52-2	1547	1500	1560	1536	2.05	cps
Cobalt	59-2	1197	1113	1053	1121	6.42	cps
Copper	63-2	3010	2707	3064	2927	6.57	cps
Dysprosium	156-1	475	567	467	503	11.04	cps
Dysprosium	156-2	180	270	193	214	22.65	cps
Erbium	164-1	317	392	375	361	10.91	cps
Erbium	164-2	197	173	213	194	10.33	cps
Gadolinium	160-1	400	550	350	433	24.02	cps
Gadolinium	160-2	220	267	200	229	14.95	cps
Holmium	165-1	1781097	1766434	1781351	1776294	0.48	cps
Holmium	165-2	756724	775943	764796	765821	1.26	cps
Indium	115-1	1320641	1306177	1342542	1323120	1.38	cps
Indium	115-2	203621	206307	206743	205557	0.82	cps
Iron	56-2	43335280	43598097	43620019	43517799	0.36	cps
Iron	57-2	1055381	1065954	1061167	1060834	0.50	cps
Krypton	83-1	680	760	737	726	5.67	cps
Lead	206-1	2411	2245	2311	2323	3.61	cps
Lead	207-1	2111	2000	2134	2082	3.43	cps
Lead	208-1	9018	8479	8540	8679	3.40	cps
Lithium	6-1	640803	640427	639645	640292	0.09	cps
Magnesium	24-2	238992	238436	239082	238837	0.15	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-08	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW33SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:58:58	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1602574	1607450	1606290	1605438	0.16	cps
Molybdenum	94-1	1258	1108	1175	1181	6.37	cps
Molybdenum	95-1	1917	1884	1784	1861	3.73	cps
Molybdenum	96-1	2867	2684	3075	2875	6.82	cps
Molybdenum	97-1	1108	1017	1092	1072	4.55	cps
Molybdenum	98-1	2450	2625	2509	2528	3.53	cps
Neodymium	150-1	480	573	573	542	9.94	cps
Neodymium	150-2	187	173	197	186	6.31	cps
Nickel	60-2	800	910	973	894	9.81	cps
Phosphorus	31-2	83	92	50	75	29.40	cps
Potassium	39-2	53004	52277	52879	52720	0.74	cps
Rhodium	103-1	1210028	1187736	1187744	1195170	1.08	cps
Rhodium	103-2	479429	486837	487197	484488	0.91	cps
Scandium	45-1	884546	888874	884829	886083	0.27	cps
Scandium	45-2	30178	30608	30057	30281	0.96	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	22	22	22	22	0.00	cps
Selenium	82-1	95	-14	26	36	155.05	cps
Silicon	28-1	16609546	16566523	16547681	16574583	0.19	cps
Silver	109-1	192	258	192	214	18.00	cps
Silver	107-1	383	258	258	300	24.05	cps
Sodium	23-2	224388	224458	229958	226268	1.41	cps
Strontium	86-1	78306	78348	77108	77921	0.90	cps
Strontium	88-1	675775	674782	666927	672495	0.72	cps
Sulfur	34-1	229085	226209	228002	227765	0.64	cps
Terbium	159-1	1786315	1799798	1786353	1790822	0.43	cps
Terbium	159-2	747522	751580	749605	749569	0.27	cps
Thallium	203-1	358	350	567	425	28.88	cps
Thallium	205-1	467	558	683	569	19.10	cps
Thorium	232-1	1750	1756	1761	1756	0.32	cps
Tin	118-1	4334	5401	5518	5084	12.83	cps
Titanium	47-1	650	758	483	631	21.97	cps
Uranium	238-1	2125	2375	2275	2259	5.57	cps
Vanadium	51-2	193	190	233	206	11.73	cps
Yttrium	89-1	1449591	1433203	1442741	1441845	0.57	cps
Yttrium	89-2	156469	159526	156548	157514	1.11	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-08	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW33SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 18:58:58	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2114	2130	2234	2159	3.01	cps
Zirconium	90-1	542	708	533	594	16.61	cps
Zirconium	91-1	117	92	208	139	44.23	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-09	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW31SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:02:33	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33931	32962	33263	33386	1.49	cps
Antimony	121-1	4201	4109	4034	4115	2.03	cps
Arsenic	75-2	167	148	161	159	5.99	cps
Barium	135-1	31562	32731	32665	32319	2.03	cps
Barium	137-1	54416	55738	56466	55540	1.87	cps
Beryllium	9-1	106	117	139	120	14.10	cps
Bismuth	209-1	1090920	1064157	1087345	1080807	1.34	cps
Bismuth	209-2	571259	566167	568236	568554	0.45	cps
Boron	10-1	2675	2484	2950	2703	8.68	cps
Boron	11-1	11622	12314	12697	12211	4.47	cps
Cadmium	111-1	583	613	678	624	7.82	cps
Cadmium	106-1	392	458	558	469	17.87	cps
Cadmium	108-1	42	42	54	46	15.74	cps
Calcium	43-1	375329	388683	385296	383102	1.81	cps
Calcium	44-1	6156439	6358503	6456831	6323924	2.42	cps
Chromium	52-2	3380	3334	3377	3364	0.77	cps
Cobalt	59-2	1470	1427	1483	1460	2.03	cps
Copper	63-2	14958	14314	14044	14438	3.25	cps
Dysprosium	156-1	1892	1700	1684	1759	6.59	cps
Dysprosium	156-2	733	730	773	746	3.23	cps
Erbium	164-1	1150	1592	1584	1442	17.52	cps
Erbium	164-2	657	563	743	654	13.76	cps
Gadolinium	160-1	1100	1750	1533	1461	22.65	cps
Gadolinium	160-2	750	720	690	720	4.17	cps
Holmium	165-1	1742789	1740669	1747457	1743639	0.20	cps
Holmium	165-2	782356	770568	770040	774322	0.90	cps
Indium	115-1	1296190	1317169	1328234	1313864	1.24	cps
Indium	115-2	208948	203949	205645	206181	1.23	cps
Iron	56-2	1479700	1454672	1450844	1461739	1.07	cps
Iron	57-2	39749	38128	38657	38845	2.13	cps
Krypton	83-1	760	790	757	769	2.39	cps
Lead	206-1	9253	8436	8959	8883	4.66	cps
Lead	207-1	7369	7102	7219	7230	1.85	cps
Lead	208-1	34001	33039	33044	33362	1.66	cps
Lithium	6-1	623665	632991	637011	631222	1.08	cps
Magnesium	24-2	380412	380216	382769	381132	0.37	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-09	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW31SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:02:33	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60461	59142	59520	59708	1.14	cps
Molybdenum	94-1	1667	1734	1592	1664	4.26	cps
Molybdenum	95-1	742	783	825	783	5.32	cps
Molybdenum	96-1	925	1142	1292	1120	16.47	cps
Molybdenum	97-1	575	425	550	517	15.55	cps
Molybdenum	98-1	1158	1250	1333	1247	7.02	cps
Neodymium	150-1	2020	2180	2054	2085	4.05	cps
Neodymium	150-2	740	800	607	716	13.83	cps
Nickel	60-2	1260	1140	1193	1198	5.02	cps
Phosphorus	31-2	742	483	692	639	21.45	cps
Potassium	39-2	127763	128016	127999	127926	0.11	cps
Rhodium	103-1	1180908	1197049	1208761	1195573	1.17	cps
Rhodium	103-2	489164	493800	492778	491914	0.50	cps
Scandium	45-1	874125	892040	909917	892027	2.01	cps
Scandium	45-2	29887	30515	30735	30379	1.45	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	26	28	37	30	19.68	cps
Selenium	82-1	55	-18	43	27	148.14	cps
Silicon	28-1	13337422	13864206	13775677	13659102	2.07	cps
Silver	109-1	217	233	267	239	10.66	cps
Silver	107-1	300	275	342	306	11.02	cps
Sodium	23-2	444231	442735	436415	441127	0.94	cps
Strontium	86-1	152546	154964	155539	154350	1.03	cps
Strontium	88-1	1296613	1338145	1340504	1325087	1.86	cps
Sulfur	34-1	242248	248659	246743	245883	1.34	cps
Terbium	159-1	1754994	1765663	1783365	1768007	0.81	cps
Terbium	159-2	749097	754653	753023	752258	0.38	cps
Thallium	203-1	408	358	367	378	7.09	cps
Thallium	205-1	658	717	592	656	9.54	cps
Thorium	232-1	5090	4890	4996	4992	2.01	cps
Tin	118-1	4067	4218	3984	4090	2.89	cps
Titanium	47-1	18679	19355	19680	19238	2.65	cps
Uranium	238-1	5568	5685	5751	5668	1.64	cps
Vanadium	51-2	1747	1397	1773	1639	12.83	cps
Yttrium	89-1	1433954	1434753	1455278	1441328	0.84	cps
Yttrium	89-2	161558	159744	160693	160665	0.56	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-09	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW31SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:02:33	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3611	3457	3654	3574	2.89	cps
Zirconium	90-1	3267	3767	3767	3601	8.02	cps
Zirconium	91-1	850	725	850	808	8.93	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-10	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW41SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:06:08	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	842	933	742	839	11.43	cps
Antimony	121-1	3492	3926	3417	3612	7.60	cps
Arsenic	75-2	933	982	922	946	3.33	cps
Barium	135-1	27846	28956	28873	28558	2.17	cps
Barium	137-1	49038	49749	49230	49339	0.75	cps
Beryllium	9-1	83	72	22	59	54.94	cps
Bismuth	209-1	1078219	1100283	1090850	1089784	1.02	cps
Bismuth	209-2	557232	574214	573429	568292	1.69	cps
Boron	10-1	1550	1450	1700	1567	8.03	cps
Boron	11-1	7560	7677	7577	7605	0.83	cps
Cadmium	111-1	516	413	413	447	13.37	cps
Cadmium	106-1	683	475	508	556	20.14	cps
Cadmium	108-1	29	4	8	14	96.44	cps
Calcium	43-1	338971	345508	342988	342489	0.96	cps
Calcium	44-1	5551101	5672577	5647415	5623698	1.14	cps
Chromium	52-2	1457	1490	1587	1511	4.47	cps
Cobalt	59-2	3677	3704	3510	3631	2.89	cps
Copper	63-2	2874	2744	2857	2825	2.50	cps
Dysprosium	156-1	1125	1233	1175	1178	4.60	cps
Dysprosium	156-2	447	537	437	473	11.64	cps
Erbium	164-1	1008	942	850	933	8.52	cps
Erbium	164-2	453	523	420	466	11.33	cps
Gadolinium	160-1	983	958	833	925	8.69	cps
Gadolinium	160-2	500	510	400	470	12.94	cps
Holmium	165-1	1712861	1759593	1773612	1748689	1.82	cps
Holmium	165-2	766544	781088	775197	774276	0.94	cps
Indium	115-1	1302656	1316970	1305862	1308496	0.57	cps
Indium	115-2	203024	206475	204848	204782	0.84	cps
Iron	56-2	19289139	19354948	19228043	19290710	0.33	cps
Iron	57-2	476235	474193	472434	474287	0.40	cps
Krypton	83-1	767	690	837	764	9.60	cps
Lead	206-1	2511	2606	2489	2536	2.44	cps
Lead	207-1	2245	2100	2006	2117	5.68	cps
Lead	208-1	9618	9568	9302	9496	1.79	cps
Lithium	6-1	624397	634589	632146	630377	0.84	cps
Magnesium	24-2	462323	456951	461730	460335	0.64	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-10	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW41SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:06:08	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2551757	2564575	2557739	2558024	0.25	cps
Molybdenum	94-1	1375	1525	1383	1428	5.90	cps
Molybdenum	95-1	2009	1859	2117	1995	6.50	cps
Molybdenum	96-1	2684	2300	2584	2523	7.88	cps
Molybdenum	97-1	1125	1075	967	1056	7.67	cps
Molybdenum	98-1	2967	2809	2709	2828	4.61	cps
Neodymium	150-1	1120	1233	1487	1280	14.67	cps
Neodymium	150-2	427	427	403	419	3.22	cps
Nickel	60-2	857	850	807	838	3.24	cps
Phosphorus	31-2	108	83	42	78	43.30	cps
Potassium	39-2	45880	45838	45738	45819	0.16	cps
Rhodium	103-1	1170148	1187484	1165709	1174447	0.98	cps
Rhodium	103-2	483499	491095	489691	488095	0.83	cps
Scandium	45-1	854903	881328	880487	872239	1.72	cps
Scandium	45-2	28929	29964	29690	29527	1.82	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	35	26	43	35	24.15	cps
Selenium	82-1	-73	104	-56	-8	-1149.69	cps
Silicon	28-1	15967377	16206535	16296836	16156916	1.05	cps
Silver	109-1	183	275	242	233	19.89	cps
Silver	107-1	233	225	325	261	21.25	cps
Sodium	23-2	306046	314750	310900	310565	1.40	cps
Strontium	86-1	227753	228439	225712	227301	0.62	cps
Strontium	88-1	1938868	1950002	1917769	1935546	0.85	cps
Sulfur	34-1	236914	234814	234609	235446	0.54	cps
Terbium	159-1	1747265	1772882	1781368	1767172	1.00	cps
Terbium	159-2	744849	758282	749856	750996	0.90	cps
Thallium	203-1	417	517	442	458	11.35	cps
Thallium	205-1	492	592	508	531	10.10	cps
Thorium	232-1	2017	1922	1939	1959	2.57	cps
Tin	118-1	3551	3467	4201	3740	10.74	cps
Titanium	47-1	558	700	675	644	11.73	cps
Uranium	238-1	2692	2284	2359	2445	8.89	cps
Vanadium	51-2	247	257	267	257	3.90	cps
Yttrium	89-1	1423528	1426025	1431244	1426932	0.28	cps
Yttrium	89-2	156884	159117	158306	158102	0.72	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-10	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW41SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:06:08	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2247	2164	2287	2232	2.82	cps
Zirconium	90-1	1242	1325	1325	1297	3.71	cps
Zirconium	91-1	308	283	292	294	4.32	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : K5588-11 Instrumnet Name : P7
 Client Sample ID : FA19-MAMW41SR-9001 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 19:09:42 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	942	817	1117	958	15.73	cps
Antimony	121-1	4009	3734	3667	3803	4.76	cps
Arsenic	75-2	885	932	1002	940	6.25	cps
Barium	135-1	26894	29048	28447	28130	3.95	cps
Barium	137-1	49080	48778	49004	48954	0.32	cps
Beryllium	9-1	61	67	56	61	9.09	cps
Bismuth	209-1	1101071	1093622	1079681	1091458	0.99	cps
Bismuth	209-2	565608	571129	573626	570121	0.72	cps
Boron	10-1	1517	1575	1483	1525	3.04	cps
Boron	11-1	6819	6919	6735	6824	1.35	cps
Cadmium	111-1	378	427	377	394	7.24	cps
Cadmium	106-1	467	517	442	475	8.04	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Calcium	43-1	342619	345237	338363	342073	1.01	cps
Calcium	44-1	5618311	5615937	5515192	5583147	1.05	cps
Chromium	52-2	1553	1620	1507	1560	3.65	cps
Cobalt	59-2	3757	3721	3490	3656	3.95	cps
Copper	63-2	2697	2750	2577	2675	3.32	cps
Dysprosium	156-1	1192	1083	1175	1150	5.07	cps
Dysprosium	156-2	453	497	457	469	5.14	cps
Erbium	164-1	1208	942	1025	1058	12.89	cps
Erbium	164-2	400	413	463	426	7.85	cps
Gadolinium	160-1	992	817	942	917	9.83	cps
Gadolinium	160-2	483	487	563	511	8.85	cps
Holmium	165-1	1743098	1740514	1733935	1739182	0.27	cps
Holmium	165-2	765494	774132	774424	771350	0.66	cps
Indium	115-1	1291554	1298345	1289514	1293138	0.36	cps
Indium	115-2	202387	204352	206829	204523	1.09	cps
Iron	56-2	18995563	19252337	19037900	19095267	0.72	cps
Iron	57-2	467661	469591	473025	470093	0.58	cps
Krypton	83-1	700	750	810	753	7.31	cps
Lead	206-1	2250	2450	2139	2280	6.92	cps
Lead	207-1	2145	1950	2106	2067	4.98	cps
Lead	208-1	9101	9179	8712	8998	2.78	cps
Lithium	6-1	628460	628426	628461	628449	0.00	cps
Magnesium	24-2	447181	458601	460399	455394	1.57	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-11	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW41SR-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:09:42	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2546486	2578926	2550561	2558657	0.69	cps
Molybdenum	94-1	1208	1534	1283	1342	12.69	cps
Molybdenum	95-1	2109	2200	1709	2006	13.04	cps
Molybdenum	96-1	2375	2600	2700	2559	6.51	cps
Molybdenum	97-1	1150	1100	975	1075	8.39	cps
Molybdenum	98-1	2767	2584	2809	2720	4.40	cps
Neodymium	150-1	1173	1240	1173	1196	3.22	cps
Neodymium	150-2	437	490	317	414	21.42	cps
Nickel	60-2	633	593	653	627	4.87	cps
Phosphorus	31-2	50	58	67	58	14.29	cps
Potassium	39-2	44601	46566	45930	45699	2.19	cps
Rhodium	103-1	1175635	1175551	1167448	1172878	0.40	cps
Rhodium	103-2	482392	484008	490126	485509	0.84	cps
Scandium	45-1	882569	863083	858149	867934	1.49	cps
Scandium	45-2	29854	30271	28955	29693	2.26	cps
Selenium	77-2	10	17	0	9	94.38	cps
Selenium	78-2	22	44	31	33	34.12	cps
Selenium	82-1	85	-13	0	24	222.04	cps
Silicon	28-1	15770597	16108374	15731244	15870071	1.31	cps
Silver	109-1	175	192	242	203	17.11	cps
Silver	107-1	275	233	250	253	8.29	cps
Sodium	23-2	305737	317222	313251	312070	1.87	cps
Strontium	86-1	222109	225601	223562	223757	0.78	cps
Strontium	88-1	1913471	1946777	1922293	1927514	0.90	cps
Sulfur	34-1	231549	231117	231529	231398	0.11	cps
Terbium	159-1	1769698	1785961	1764304	1773321	0.64	cps
Terbium	159-2	754748	754111	750520	753126	0.30	cps
Thallium	203-1	333	367	400	367	9.09	cps
Thallium	205-1	458	608	617	561	15.88	cps
Thorium	232-1	1972	1861	1850	1895	3.57	cps
Tin	118-1	3234	3984	3717	3645	10.43	cps
Titanium	47-1	600	650	642	631	4.25	cps
Uranium	238-1	2617	2725	2650	2664	2.08	cps
Vanadium	51-2	257	277	197	243	17.11	cps
Yttrium	89-1	1412395	1438856	1401650	1417634	1.35	cps
Yttrium	89-2	156422	156898	159588	157636	1.08	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-11	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW41SR-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:09:42	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1850	1777	2010	1879	6.35	cps
Zirconium	90-1	1250	1375	1567	1397	11.42	cps
Zirconium	91-1	292	325	308	308	5.40	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:13:17	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2467	2359	2175	2334	6.32	cps
Antimony	121-1	1242	1158	983	1128	11.69	cps
Arsenic	75-2	60373	59700	58757	59610	1.36	cps
Barium	135-1	275	283	142	233	34.07	cps
Barium	137-1	367	408	350	375	8.01	cps
Beryllium	9-1	22	72	56	50	50.92	cps
Bismuth	209-1	1017126	1002589	1009805	1009840	0.72	cps
Bismuth	209-2	550993	547034	543997	547341	0.64	cps
Boron	10-1	600	625	583	603	3.48	cps
Boron	11-1	3117	3059	3259	3145	3.27	cps
Cadmium	111-1	485	313	350	383	23.72	cps
Cadmium	106-1	600	383	467	483	22.61	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	1700	1784	1617	1700	4.90	cps
Calcium	44-1	24187	23820	23812	23940	0.90	cps
Chromium	52-2	547769	544585	539772	544042	0.74	cps
Cobalt	59-2	1307	1443	1480	1410	6.48	cps
Copper	63-2	2967	2810	2870	2883	2.74	cps
Dysprosium	156-1	50	33	0	28	91.65	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	17	25	58	33	66.14	cps
Erbium	164-2	37	13	53	34	58.34	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Gadolinium	160-2	37	17	47	33	45.82	cps
Holmium	165-1	1709060	1711795	1716342	1712399	0.21	cps
Holmium	165-2	791141	783240	788242	787541	0.51	cps
Indium	115-1	1279967	1265858	1285432	1277086	0.79	cps
Indium	115-2	207907	206329	208272	207502	0.50	cps
Iron	56-2	117293528	116175486	116419766	116629593	0.50	cps
Iron	57-2	2843449	2786355	2835551	2821785	1.10	cps
Krypton	83-1	793	723	687	734	7.38	cps
Lead	206-1	1667193	1642317	1658376	1655962	0.76	cps
Lead	207-1	1499910	1479261	1508512	1495894	1.00	cps
Lead	208-1	6683603	6610840	6638130	6644191	0.55	cps
Lithium	6-1	641382	633215	636220	636939	0.65	cps
Magnesium	24-2	24389378	24007306	24273892	24223525	0.81	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:13:17	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	639923	638493	629091	635836	0.93	cps
Molybdenum	94-1	1967	1675	1775	1806	8.21	cps
Molybdenum	95-1	2825	2750	2609	2728	4.03	cps
Molybdenum	96-1	6252	6035	6252	6179	2.02	cps
Molybdenum	97-1	1875	1742	1759	1792	4.05	cps
Molybdenum	98-1	4351	4551	4751	4551	4.40	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	3937	3747	3671	3785	3.63	cps
Phosphorus	31-2	42	50	25	39	32.73	cps
Potassium	39-2	11522	11180	10888	11196	2.83	cps
Rhodium	103-1	1176553	1165749	1156365	1166222	0.87	cps
Rhodium	103-2	483503	481809	475137	480150	0.92	cps
Scandium	45-1	928689	903208	911478	914458	1.42	cps
Scandium	45-2	31447	31086	30749	31094	1.12	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	11	28	26	22	42.29	cps
Selenium	82-1	-38	40	52	18	272.37	cps
Silicon	28-1	135467	134928	135332	135242	0.21	cps
Silver	109-1	133	275	200	203	34.95	cps
Silver	107-1	292	142	242	225	33.95	cps
Sodium	23-2	15192	15283	14991	15155	0.99	cps
Strontium	86-1	1267	1258	1292	1272	1.36	cps
Strontium	88-1	683	617	658	653	5.16	cps
Sulfur	34-1	245958	245525	243306	244930	0.58	cps
Terbium	159-1	1785080	1743488	1741181	1756583	1.41	cps
Terbium	159-2	766719	758021	759876	761538	0.60	cps
Thallium	203-1	475	558	450	494	11.47	cps
Thallium	205-1	742	850	642	744	14.00	cps
Thorium	232-1	1400	1472	1417	1430	2.65	cps
Tin	118-1	508	517	550	525	4.20	cps
Titanium	47-1	58	117	150	108	42.83	cps
Uranium	238-1	2042	2017	2100	2053	2.08	cps
Vanadium	51-2	100	67	57	74	30.48	cps
Yttrium	89-1	1425370	1419407	1428673	1424484	0.33	cps
Yttrium	89-2	165190	164207	162760	164053	0.75	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:13:17	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1543	1480	1420	1481	4.16	cps
Zirconium	90-1	67	158	133	119	39.67	cps
Zirconium	91-1	350	375	275	333	15.61	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : CCB10 Instrumnet Name : P7
 Client Sample ID : CCB10 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 19:16:52 DataFile Name : 065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	0	3	173.21	cps
Antimony	121-1	50	58	25	44	39.04	cps
Arsenic	75-2	7	11	6	8	35.21	cps
Barium	135-1	8	0	8	6	86.60	cps
Barium	137-1	8	42	17	22	78.07	cps
Beryllium	9-1	17	11	28	19	45.83	cps
Bismuth	209-1	1018959	1025681	1019008	1021216	0.38	cps
Bismuth	209-2	567001	568618	562956	566192	0.52	cps
Boron	10-1	500	608	492	533	12.20	cps
Boron	11-1	2092	2425	2292	2270	7.39	cps
Cadmium	111-1	223	307	343	291	21.16	cps
Cadmium	106-1	275	408	458	381	24.90	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	83	92	100	92	9.09	cps
Calcium	44-1	2967	2734	2634	2778	6.16	cps
Chromium	52-2	237	353	190	260	32.36	cps
Cobalt	59-2	13	0	10	8	89.21	cps
Copper	63-2	443	433	417	431	3.13	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	27	17	17	59.99	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	27	30	40	32	21.53	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	30	23	43	32	31.61	cps
Holmium	165-1	1662622	1660767	1665351	1662913	0.14	cps
Holmium	165-2	772036	774337	767873	771416	0.42	cps
Indium	115-1	1271074	1250482	1256568	1259375	0.84	cps
Indium	115-2	209671	209678	209727	209692	0.01	cps
Iron	56-2	6235	6118	5490	5948	6.74	cps
Iron	57-2	294	294	167	252	29.29	cps
Krypton	83-1	743	707	757	736	3.52	cps
Lead	206-1	1006	1011	961	993	2.76	cps
Lead	207-1	956	817	895	889	7.83	cps
Lead	208-1	3673	3556	3278	3502	5.79	cps
Lithium	6-1	616373	610020	610463	612285	0.58	cps
Magnesium	24-2	783	658	700	714	8.92	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:16:52	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	147	123	83	118	27.19	cps
Molybdenum	94-1	50	50	42	47	10.18	cps
Molybdenum	95-1	17	42	8	22	78.07	cps
Molybdenum	96-1	33	17	67	39	65.47	cps
Molybdenum	97-1	17	33	0	17	99.99	cps
Molybdenum	98-1	25	25	33	28	17.31	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	7	13	7	9	43.25	cps
Phosphorus	31-2	42	58	42	47	20.38	cps
Potassium	39-2	9445	9528	9837	9603	2.15	cps
Rhodium	103-1	1176198	1158321	1152860	1162460	1.05	cps
Rhodium	103-2	489749	496276	485865	490630	1.07	cps
Scandium	45-1	874239	877477	876450	876055	0.19	cps
Scandium	45-2	30448	30067	30481	30332	0.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	31	28	31	11.77	cps
Selenium	82-1	9	-33	-59	-28	-122.88	cps
Silicon	28-1	110204	109709	110256	110056	0.27	cps
Silver	109-1	167	100	175	147	27.92	cps
Silver	107-1	167	125	125	139	17.32	cps
Sodium	23-2	8361	8111	8378	8283	1.80	cps
Strontium	86-1	1158	1083	1067	1103	4.43	cps
Strontium	88-1	167	83	167	139	34.64	cps
Sulfur	34-1	237721	240051	244492	240755	1.43	cps
Terbium	159-1	1700030	1685585	1687227	1690947	0.47	cps
Terbium	159-2	755140	751620	748045	751602	0.47	cps
Thallium	203-1	358	383	375	372	3.42	cps
Thallium	205-1	475	433	542	483	11.30	cps
Thorium	232-1	1450	1433	1195	1359	10.52	cps
Tin	118-1	433	358	383	392	9.75	cps
Titanium	47-1	42	42	83	56	43.30	cps
Uranium	238-1	2017	1992	1884	1964	3.61	cps
Vanadium	51-2	7	13	7	9	43.25	cps
Yttrium	89-1	1374779	1359695	1376874	1370449	0.68	cps
Yttrium	89-2	162215	162067	159804	161362	0.84	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:16:52	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63	67	87	72	17.48	cps
Zirconium	90-1	58	125	142	108	40.70	cps
Zirconium	91-1	33	17	17	22	43.28	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-12	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW42SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:20:27	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4926	4342	4459	4576	6.75	cps
Antimony	121-1	3000	3434	3509	3314	8.28	cps
Arsenic	75-2	76	91	94	87	11.26	cps
Barium	135-1	29507	30134	29666	29769	1.09	cps
Barium	137-1	51397	51254	50887	51179	0.51	cps
Beryllium	9-1	28	33	44	35	24.12	cps
Bismuth	209-1	1003087	999873	1003690	1002216	0.20	cps
Bismuth	209-2	529890	526405	532601	529632	0.59	cps
Boron	10-1	1742	1667	1608	1672	4.00	cps
Boron	11-1	7085	7294	7536	7305	3.08	cps
Cadmium	111-1	610	509	515	544	10.44	cps
Cadmium	106-1	450	358	375	394	12.38	cps
Cadmium	108-1	25	13	21	19	32.73	cps
Calcium	43-1	1186263	1186023	1194201	1188829	0.39	cps
Calcium	44-1	19693372	19710594	19995211	19799726	0.86	cps
Chromium	52-2	1910	1743	1703	1786	6.14	cps
Cobalt	59-2	620	820	793	744	14.59	cps
Copper	63-2	3290	3310	3447	3349	2.55	cps
Dysprosium	156-1	408	458	558	475	16.08	cps
Dysprosium	156-2	230	193	257	227	14.03	cps
Erbium	164-1	442	500	392	444	12.20	cps
Erbium	164-2	213	177	217	202	10.98	cps
Gadolinium	160-1	392	425	525	447	15.52	cps
Gadolinium	160-2	267	193	203	221	17.98	cps
Holmium	165-1	1651899	1712691	1719086	1694559	2.19	cps
Holmium	165-2	761365	755198	761640	759401	0.48	cps
Indium	115-1	1221006	1224466	1245748	1230407	1.09	cps
Indium	115-2	198271	197860	199606	198579	0.46	cps
Iron	56-2	1149513	1153505	1160170	1154396	0.47	cps
Iron	57-2	34653	34357	34174	34395	0.70	cps
Krypton	83-1	717	800	823	780	7.19	cps
Lead	206-1	2328	2256	2339	2308	1.96	cps
Lead	207-1	1956	1889	2011	1952	3.14	cps
Lead	208-1	8518	8340	8473	8444	1.10	cps
Lithium	6-1	612936	620928	625157	619674	1.00	cps
Magnesium	24-2	2041186	2035696	2067128	2048003	0.82	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-12	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW42SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:20:27	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	448998	452867	455426	452430	0.72	cps
Molybdenum	94-1	883	658	900	814	16.58	cps
Molybdenum	95-1	650	742	683	692	6.71	cps
Molybdenum	96-1	817	908	900	875	5.79	cps
Molybdenum	97-1	467	358	375	400	14.58	cps
Molybdenum	98-1	1083	1158	1217	1153	5.80	cps
Neodymium	150-1	593	480	480	518	12.64	cps
Neodymium	150-2	207	227	183	206	10.55	cps
Nickel	60-2	643	683	627	651	4.47	cps
Phosphorus	31-2	58	100	117	92	32.77	cps
Potassium	39-2	113811	112357	115699	113956	1.47	cps
Rhodium	103-1	1098964	1081252	1110130	1096782	1.33	cps
Rhodium	103-2	462430	459865	462437	461577	0.32	cps
Scandium	45-1	855287	853449	869841	859526	1.04	cps
Scandium	45-2	29787	30181	29904	29957	0.68	cps
Selenium	77-2	3	3	13	7	86.65	cps
Selenium	78-2	35	26	26	29	18.42	cps
Selenium	82-1	48	-43	-97	-31	-235.92	cps
Silicon	28-1	15052146	15026839	15221937	15100307	0.70	cps
Silver	109-1	633	492	567	564	12.57	cps
Silver	107-1	667	725	592	661	10.11	cps
Sodium	23-2	40629589	40303318	40999853	40644253	0.86	cps
Strontium	86-1	735205	736267	766648	746040	2.39	cps
Strontium	88-1	6528036	6627033	6764977	6640015	1.79	cps
Sulfur	34-1	396291	390343	391016	392550	0.83	cps
Terbium	159-1	1682094	1704689	1721159	1702648	1.15	cps
Terbium	159-2	725883	731193	741214	732763	1.06	cps
Thallium	203-1	292	417	433	381	20.35	cps
Thallium	205-1	817	550	600	656	21.62	cps
Thorium	232-1	2300	2261	2428	2330	3.74	cps
Tin	118-1	3334	3376	3842	3517	8.03	cps
Titanium	47-1	3150	3275	3317	3248	2.67	cps
Uranium	238-1	25677	26003	26386	26022	1.36	cps
Vanadium	51-2	410	397	437	414	4.91	cps
Yttrium	89-1	1352222	1379717	1376289	1369410	1.09	cps
Yttrium	89-2	157425	155774	155745	156315	0.62	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-12	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW42SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:20:27	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2034	2070	2047	2050	0.91	cps
Zirconium	90-1	1308	1167	1267	1247	5.84	cps
Zirconium	91-1	333	300	250	294	14.25	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-13	Instrumnet Name :	P7
Client Sample ID :	FA19-MAOIW03	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:24:03	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7110	6994	7227	7110	1.64	cps
Antimony	121-1	3501	3359	4009	3623	9.44	cps
Arsenic	75-2	2054	2145	2072	2090	2.29	cps
Barium	135-1	65597	66871	66376	66281	0.97	cps
Barium	137-1	112380	115555	115580	114505	1.61	cps
Beryllium	9-1	189	167	150	169	11.58	cps
Bismuth	209-1	1159563	1070749	1065744	1098685	4.80	cps
Bismuth	209-2	552626	566352	560410	559796	1.23	cps
Boron	10-1	3417	3534	3151	3367	5.84	cps
Boron	11-1	14649	14399	15158	14736	2.62	cps
Cadmium	111-1	569	516	551	545	4.94	cps
Cadmium	106-1	642	525	575	581	10.08	cps
Cadmium	108-1	38	8	38	28	60.63	cps
Calcium	43-1	513430	523230	520745	519135	0.98	cps
Calcium	44-1	8504357	8596754	8685770	8595627	1.06	cps
Chromium	52-2	4057	3974	3911	3981	1.85	cps
Cobalt	59-2	10204	9944	9813	9987	1.99	cps
Copper	63-2	8109	7846	8109	8021	1.90	cps
Dysprosium	156-1	9112	9295	9495	9301	2.06	cps
Dysprosium	156-2	4041	4171	4207	4140	2.12	cps
Erbium	164-1	7619	7944	8261	7942	4.04	cps
Erbium	164-2	3447	3504	3444	3465	0.97	cps
Gadolinium	160-1	8336	8503	8703	8514	2.16	cps
Gadolinium	160-2	4394	4224	4221	4280	2.32	cps
Holmium	165-1	1904381	1738182	1706766	1783109	5.96	cps
Holmium	165-2	758300	781402	774714	771472	1.54	cps
Indium	115-1	1399257	1281256	1271186	1317233	5.41	cps
Indium	115-2	200103	205832	206205	204046	1.68	cps
Iron	56-2	45030768	44851011	45528789	45136856	0.78	cps
Iron	57-2	1102157	1104263	1101799	1102740	0.12	cps
Krypton	83-1	697	713	727	712	2.11	cps
Lead	206-1	11038	11277	11377	11231	1.55	cps
Lead	207-1	9771	9476	9670	9639	1.55	cps
Lead	208-1	42811	43295	43139	43082	0.57	cps
Lithium	6-1	678181	632489	639112	649927	3.80	cps
Magnesium	24-2	712563	705045	717022	711543	0.85	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-13	Instrumnet Name :	P7
Client Sample ID :	FA19-MAOIW03	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:24:03	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3864502	3815300	3900502	3860102	1.11	cps
Molybdenum	94-1	4676	4651	4434	4587	2.90	cps
Molybdenum	95-1	2684	2600	2942	2742	6.50	cps
Molybdenum	96-1	3901	3692	3967	3853	3.72	cps
Molybdenum	97-1	1592	1567	1575	1578	0.81	cps
Molybdenum	98-1	3892	3892	3701	3828	2.89	cps
Neodymium	150-1	11525	10925	10738	11063	3.72	cps
Neodymium	150-2	3817	3867	3974	3886	2.06	cps
Nickel	60-2	3464	3447	3274	3395	3.10	cps
Phosphorus	31-2	1867	2142	1975	1995	6.95	cps
Potassium	39-2	132514	131648	132092	132085	0.33	cps
Rhodium	103-1	1276245	1171337	1152034	1199872	5.57	cps
Rhodium	103-2	473918	484679	490049	482882	1.70	cps
Scandium	45-1	965498	879283	883163	909315	5.36	cps
Scandium	45-2	29667	30184	30705	30185	1.72	cps
Selenium	77-2	13	13	27	18	43.33	cps
Selenium	78-2	35	41	30	35	15.79	cps
Selenium	82-1	117	98	52	89	37.26	cps
Silicon	28-1	22995382	23273768	23121431	23130194	0.60	cps
Silver	109-1	433	308	458	400	20.09	cps
Silver	107-1	408	442	492	447	9.38	cps
Sodium	23-2	743102	752833	753086	749673	0.76	cps
Strontium	86-1	268515	275884	272210	272203	1.35	cps
Strontium	88-1	2278989	2353804	2341597	2324797	1.73	cps
Sulfur	34-1	241612	241722	243035	242123	0.33	cps
Terbium	159-1	1935354	1761926	1746761	1814680	5.77	cps
Terbium	159-2	736312	752193	747637	745381	1.10	cps
Thallium	203-1	308	375	417	367	14.90	cps
Thallium	205-1	550	592	675	606	10.51	cps
Thorium	232-1	4890	4923	5112	4975	2.41	cps
Tin	118-1	3292	3376	3792	3487	7.69	cps
Titanium	47-1	3526	3951	3901	3792	6.13	cps
Uranium	238-1	6268	6477	6193	6313	2.33	cps
Vanadium	51-2	2467	2337	2280	2361	4.05	cps
Yttrium	89-1	1661874	1529945	1519441	1570420	5.05	cps
Yttrium	89-2	169954	173518	174412	172628	1.37	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-13	Instrumnet Name :	P7
Client Sample ID :	FA19-MAOIW03	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:24:03	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3564	3417	3654	3545	3.37	cps
Zirconium	90-1	9638	9029	9623	9430	3.68	cps
Zirconium	91-1	1759	2109	2067	1978	9.67	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-14	Instrumnet Name :	P7
Client Sample ID :	FA19-MPS-IW12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:27:37	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1692	1700	1392	1595	11.02	cps
Antimony	121-1	3217	3459	3601	3426	5.66	cps
Arsenic	75-2	150	161	133	148	9.43	cps
Barium	135-1	79730	80962	81950	80881	1.38	cps
Barium	137-1	137097	138690	141702	139163	1.68	cps
Beryllium	9-1	50	61	22	44	45.07	cps
Bismuth	209-1	1065161	1071648	1075206	1070672	0.48	cps
Bismuth	209-2	558873	560408	570642	563308	1.14	cps
Boron	10-1	5801	5276	5443	5507	4.87	cps
Boron	11-1	24721	26524	26683	25976	4.19	cps
Cadmium	111-1	908	973	900	927	4.30	cps
Cadmium	106-1	567	583	600	583	2.86	cps
Cadmium	108-1	25	33	29	29	14.28	cps
Calcium	43-1	1110600	1124213	1135766	1123527	1.12	cps
Calcium	44-1	18361419	18657484	18852491	18623798	1.33	cps
Chromium	52-2	10837	11038	10711	10862	1.52	cps
Cobalt	59-2	890	827	867	861	3.72	cps
Copper	63-2	4681	4644	4527	4617	1.73	cps
Dysprosium	156-1	367	258	250	292	22.32	cps
Dysprosium	156-2	150	120	100	123	20.40	cps
Erbium	164-1	300	175	358	278	33.72	cps
Erbium	164-2	140	143	120	134	9.39	cps
Gadolinium	160-1	267	242	200	236	14.26	cps
Gadolinium	160-2	157	167	143	156	7.52	cps
Holmium	165-1	1702005	1747746	1750391	1733380	1.57	cps
Holmium	165-2	765349	777745	782127	775073	1.12	cps
Indium	115-1	1291586	1294017	1308239	1297947	0.69	cps
Indium	115-2	204475	204615	206792	205294	0.63	cps
Iron	56-2	25347096	25230158	25228425	25268560	0.27	cps
Iron	57-2	616901	615204	620881	617662	0.47	cps
Krypton	83-1	743	730	827	767	6.83	cps
Lead	206-1	4217	4456	4279	4318	2.88	cps
Lead	207-1	3517	3906	3451	3625	6.79	cps
Lead	208-1	16160	17049	15926	16378	3.62	cps
Lithium	6-1	630411	640499	643900	638270	1.10	cps
Magnesium	24-2	929447	947711	937920	938359	0.97	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-14	Instrumnet Name :	P7
Client Sample ID :	FA19-MPS-IW12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:27:37	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1643539	1639884	1638153	1640525	0.17	cps
Molybdenum	94-1	5793	5835	6193	5940	3.70	cps
Molybdenum	95-1	8895	9262	9629	9262	3.96	cps
Molybdenum	96-1	10529	10913	10179	10541	3.48	cps
Molybdenum	97-1	6043	6193	5518	5918	5.99	cps
Molybdenum	98-1	15234	15109	15209	15184	0.44	cps
Neodymium	150-1	267	220	300	262	15.33	cps
Neodymium	150-2	70	97	100	89	18.50	cps
Nickel	60-2	1303	1333	1307	1315	1.25	cps
Phosphorus	31-2	1600	1817	1542	1653	8.77	cps
Potassium	39-2	227982	226585	222879	225815	1.17	cps
Rhodium	103-1	1170478	1176516	1176243	1174412	0.29	cps
Rhodium	103-2	485960	484378	489281	486540	0.51	cps
Scandium	45-1	876708	880747	890537	882664	0.81	cps
Scandium	45-2	30395	30181	30198	30258	0.39	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	35	26	30	30	15.41	cps
Selenium	82-1	89	71	-46	38	194.24	cps
Silicon	28-1	19197463	19272853	19396176	19288831	0.52	cps
Silver	109-1	267	300	308	292	7.56	cps
Silver	107-1	225	317	358	300	22.74	cps
Sodium	23-2	361817	360396	366039	362751	0.81	cps
Strontium	86-1	416515	416372	421414	418101	0.69	cps
Strontium	88-1	3515645	3567138	3589033	3557272	1.06	cps
Sulfur	34-1	246348	244028	246795	245723	0.60	cps
Terbium	159-1	1738983	1749916	1787199	1758699	1.44	cps
Terbium	159-2	747273	746958	758016	750749	0.84	cps
Thallium	203-1	375	358	300	344	11.43	cps
Thallium	205-1	475	458	433	456	4.60	cps
Thorium	232-1	1650	1711	1950	1771	8.96	cps
Tin	118-1	3326	3442	3734	3501	6.01	cps
Titanium	47-1	1417	1667	1583	1556	8.18	cps
Uranium	238-1	2342	2500	2417	2420	3.27	cps
Vanadium	51-2	447	427	430	434	2.47	cps
Yttrium	89-1	1409358	1415609	1425740	1416902	0.58	cps
Yttrium	89-2	160455	157951	162727	160378	1.49	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-14	Instrumnet Name :	P7
Client Sample ID :	FA19-MPS-IW12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:27:37	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1930	2100	1927	1986	4.99	cps
Zirconium	90-1	2025	2150	2267	2148	5.63	cps
Zirconium	91-1	500	525	450	492	7.77	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-15	Instrumnet Name :	P7
Client Sample ID :	FA19-MPS-IW15	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:31:11	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1100	1167	1250	1172	6.41	cps
Antimony	121-1	4009	4042	3976	4009	0.83	cps
Arsenic	75-2	293	220	261	258	14.03	cps
Barium	135-1	175490	175307	174865	175220	0.18	cps
Barium	137-1	299094	299320	303643	300686	0.85	cps
Beryllium	9-1	111	100	61	91	28.94	cps
Bismuth	209-1	1069871	1075700	1067546	1071039	0.39	cps
Bismuth	209-2	565760	567197	556948	563302	0.99	cps
Boron	10-1	4451	4526	4351	4442	1.98	cps
Boron	11-1	20181	20022	20022	20075	0.46	cps
Cadmium	111-1	311	438	351	367	17.79	cps
Cadmium	106-1	433	600	475	503	17.25	cps
Cadmium	108-1	25	33	33	31	15.74	cps
Calcium	43-1	913530	907133	893883	904849	1.11	cps
Calcium	44-1	15062955	14892015	14918740	14957903	0.61	cps
Chromium	52-2	2654	2544	2530	2576	2.63	cps
Cobalt	59-2	1413	1217	1143	1258	11.10	cps
Copper	63-2	3694	3741	3621	3685	1.64	cps
Dysprosium	156-1	1483	1542	1383	1470	5.45	cps
Dysprosium	156-2	720	693	783	732	6.31	cps
Erbium	164-1	2317	2467	2467	2417	3.58	cps
Erbium	164-2	1150	1110	950	1070	9.89	cps
Gadolinium	160-1	1842	1775	1592	1736	7.46	cps
Gadolinium	160-2	917	923	917	919	0.42	cps
Holmium	165-1	1737840	1748714	1776349	1754301	1.13	cps
Holmium	165-2	778699	786916	761678	775764	1.66	cps
Indium	115-1	1306895	1296469	1288981	1297448	0.69	cps
Indium	115-2	205720	207145	200719	204528	1.65	cps
Iron	56-2	11577201	11541480	11321377	11480019	1.21	cps
Iron	57-2	282112	289360	282959	284810	1.39	cps
Krypton	83-1	727	740	753	740	1.80	cps
Lead	206-1	4062	3823	4034	3973	3.29	cps
Lead	207-1	3462	3623	3334	3473	4.17	cps
Lead	208-1	15298	15332	14765	15132	2.10	cps
Lithium	6-1	629265	625484	633656	629468	0.65	cps
Magnesium	24-2	1689382	1706507	1654654	1683514	1.57	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-15	Instrumnet Name :	P7
Client Sample ID :	FA19-MPS-IW15	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:31:11	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2320737	2325536	2298408	2314894	0.63	cps
Molybdenum	94-1	10062	9412	10329	9934	4.75	cps
Molybdenum	95-1	642	725	700	689	6.21	cps
Molybdenum	96-1	2367	2284	2542	2398	5.50	cps
Molybdenum	97-1	433	417	350	400	11.02	cps
Molybdenum	98-1	917	908	783	870	8.59	cps
Neodymium	150-1	1420	1300	1400	1373	4.68	cps
Neodymium	150-2	477	463	453	464	2.52	cps
Nickel	60-2	367	393	453	404	10.98	cps
Phosphorus	31-2	767	550	642	653	16.66	cps
Potassium	39-2	151097	154480	151938	152505	1.16	cps
Rhodium	103-1	1191049	1191480	1165994	1182841	1.23	cps
Rhodium	103-2	486950	493456	484408	488271	0.96	cps
Scandium	45-1	890749	886311	874618	883892	0.94	cps
Scandium	45-2	30755	29890	29870	30172	1.67	cps
Selenium	77-2	13	3	0	6	124.93	cps
Selenium	78-2	22	37	26	28	27.16	cps
Selenium	82-1	45	43	36	41	11.94	cps
Silicon	28-1	20622387	20716920	20721497	20686935	0.27	cps
Silver	109-1	183	242	217	214	13.68	cps
Silver	107-1	358	375	283	339	14.41	cps
Sodium	23-2	457012	463509	451924	457482	1.27	cps
Strontium	86-1	540541	543858	543251	542550	0.33	cps
Strontium	88-1	4581262	4610904	4624008	4605392	0.48	cps
Sulfur	34-1	263728	261761	262981	262823	0.38	cps
Terbium	159-1	1785330	1783721	1778772	1782608	0.19	cps
Terbium	159-2	751940	767885	757315	759047	1.07	cps
Thallium	203-1	367	408	433	403	8.36	cps
Thallium	205-1	408	400	492	433	11.70	cps
Thorium	232-1	2834	2634	2600	2689	4.69	cps
Tin	118-1	3184	3209	3676	3356	8.25	cps
Titanium	47-1	642	717	842	733	13.78	cps
Uranium	238-1	3992	3801	3859	3884	2.53	cps
Vanadium	51-2	540	607	500	549	9.82	cps
Yttrium	89-1	1447562	1456401	1479878	1461280	1.14	cps
Yttrium	89-2	165175	166500	162364	164679	1.28	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-15	Instrumnet Name :	P7
Client Sample ID :	FA19-MPS-IW15	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:31:11	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1917	1947	1783	1882	4.62	cps
Zirconium	90-1	26442	25248	26571	26087	2.80	cps
Zirconium	91-1	5810	5576	5768	5718	2.18	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:34:46	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2025	2267	2042	2111	6.39	cps
Antimony	121-1	3259	3726	3251	3412	7.97	cps
Arsenic	75-2	2776	2689	2552	2672	4.23	cps
Barium	135-1	40168	39892	41705	40588	2.41	cps
Barium	137-1	70296	70975	73311	71527	2.21	cps
Beryllium	9-1	67	61	56	61	9.09	cps
Bismuth	209-1	1094522	1096127	1098144	1096264	0.17	cps
Bismuth	209-2	573548	569505	577837	573630	0.73	cps
Boron	10-1	1900	2250	2209	2120	9.02	cps
Boron	11-1	9687	9161	9420	9423	2.79	cps
Cadmium	111-1	400	425	546	457	17.05	cps
Cadmium	106-1	400	500	608	503	20.72	cps
Cadmium	108-1	13	13	25	17	43.30	cps
Calcium	43-1	467827	468110	475077	470338	0.87	cps
Calcium	44-1	7759603	7840192	7955414	7851736	1.25	cps
Chromium	52-2	1787	1690	1760	1746	2.86	cps
Cobalt	59-2	27716	27022	27172	27303	1.34	cps
Copper	63-2	2927	2884	3024	2945	2.43	cps
Dysprosium	156-1	1258	1525	1325	1370	10.13	cps
Dysprosium	156-2	623	630	707	653	7.09	cps
Erbium	164-1	1659	1425	1559	1547	7.57	cps
Erbium	164-2	790	597	763	717	14.62	cps
Gadolinium	160-1	1325	1250	1442	1339	7.21	cps
Gadolinium	160-2	700	627	720	682	7.20	cps
Holmium	165-1	1777020	1774530	1771741	1774430	0.15	cps
Holmium	165-2	798462	794907	799623	797664	0.31	cps
Indium	115-1	1302785	1311101	1320676	1311521	0.68	cps
Indium	115-2	209228	209865	208985	209360	0.22	cps
Iron	56-2	61583222	61424226	61742350	61583266	0.26	cps
Iron	57-2	1506334	1501221	1494410	1500655	0.40	cps
Krypton	83-1	743	690	800	744	7.39	cps
Lead	206-1	4656	4895	4506	4686	4.19	cps
Lead	207-1	4029	3995	4084	4036	1.11	cps
Lead	208-1	17477	18289	17566	17777	2.50	cps
Lithium	6-1	617977	627639	629293	624970	0.98	cps
Magnesium	24-2	618933	611240	624914	618362	1.11	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:34:46	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3914985	3865394	3901135	3893838	0.66	cps
Molybdenum	94-1	3876	3642	4051	3856	5.31	cps
Molybdenum	95-1	5201	5126	6102	5476	9.91	cps
Molybdenum	96-1	7394	8136	8228	7919	5.77	cps
Molybdenum	97-1	3476	3384	3259	3373	3.23	cps
Molybdenum	98-1	8503	8353	8328	8394	1.13	cps
Neodymium	150-1	1193	1293	1473	1320	10.75	cps
Neodymium	150-2	460	467	417	448	6.06	cps
Nickel	60-2	3490	3537	3587	3538	1.37	cps
Phosphorus	31-2	133	150	158	147	8.65	cps
Potassium	39-2	93033	90350	94366	92583	2.21	cps
Rhodium	103-1	1154385	1195171	1180948	1176835	1.76	cps
Rhodium	103-2	498404	498608	493746	496919	0.55	cps
Scandium	45-1	880126	874482	892970	882526	1.07	cps
Scandium	45-2	30856	30775	31166	30933	0.67	cps
Selenium	77-2	20	7	17	14	48.02	cps
Selenium	78-2	33	26	43	34	24.59	cps
Selenium	82-1	-6	63	-32	8	598.65	cps
Silicon	28-1	24115395	24456653	24662809	24411619	1.13	cps
Silver	109-1	183	225	217	208	10.58	cps
Silver	107-1	317	267	242	275	13.89	cps
Sodium	23-2	682819	670783	683830	679144	1.07	cps
Strontium	86-1	397294	403527	404455	401759	0.97	cps
Strontium	88-1	3439103	3474141	3472996	3462080	0.57	cps
Sulfur	34-1	226837	229482	225913	227411	0.81	cps
Terbium	159-1	1769671	1836495	1808706	1804957	1.86	cps
Terbium	159-2	765714	760755	765533	764000	0.37	cps
Thallium	203-1	417	350	458	408	13.38	cps
Thallium	205-1	483	617	475	525	15.14	cps
Thorium	232-1	1867	2117	2039	2008	6.37	cps
Tin	118-1	3084	3359	3692	3378	9.02	cps
Titanium	47-1	1392	1358	1250	1333	5.56	cps
Uranium	238-1	2075	2609	2217	2300	12.01	cps
Vanadium	51-2	377	427	463	422	10.30	cps
Yttrium	89-1	1439550	1458651	1467541	1455247	0.98	cps
Yttrium	89-2	163678	165555	165390	164874	0.63	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:34:46	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2297	2344	2417	2352	2.57	cps
Zirconium	90-1	2034	1617	2092	1914	13.54	cps
Zirconium	91-1	450	500	417	456	9.21	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16DUP	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:38:20	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2192	2334	2100	2209	5.32	cps
Antimony	121-1	3259	3434	3317	3337	2.67	cps
Arsenic	75-2	2610	2534	2671	2605	2.64	cps
Barium	135-1	41171	40693	41296	41053	0.77	cps
Barium	137-1	70749	71535	70621	70968	0.70	cps
Beryllium	9-1	61	78	56	65	17.84	cps
Bismuth	209-1	1094073	1090463	1084700	1089745	0.43	cps
Bismuth	209-2	560950	574356	574941	570082	1.39	cps
Boron	10-1	2084	2125	1850	2020	7.34	cps
Boron	11-1	8628	8961	9445	9011	4.56	cps
Cadmium	111-1	410	378	421	403	5.47	cps
Cadmium	106-1	375	442	425	414	8.38	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	480262	485520	476556	480779	0.94	cps
Calcium	44-1	7918392	7999038	7840924	7919452	1.00	cps
Chromium	52-2	1777	1570	1847	1731	8.31	cps
Cobalt	59-2	27306	27620	28107	27677	1.46	cps
Copper	63-2	2904	2877	3050	2944	3.17	cps
Dysprosium	156-1	1367	1525	1567	1486	7.10	cps
Dysprosium	156-2	590	590	700	627	10.13	cps
Erbium	164-1	1584	1675	1675	1645	3.22	cps
Erbium	164-2	660	727	740	709	6.05	cps
Gadolinium	160-1	1292	1525	1367	1395	8.54	cps
Gadolinium	160-2	600	783	740	708	13.54	cps
Holmium	165-1	1789913	1761788	1768382	1773361	0.83	cps
Holmium	165-2	782524	792526	793623	789558	0.77	cps
Indium	115-1	1330889	1309571	1345283	1328581	1.35	cps
Indium	115-2	209432	212715	210738	210962	0.78	cps
Iron	56-2	60968754	61489685	60978639	61145693	0.49	cps
Iron	57-2	1487374	1491844	1505776	1494998	0.64	cps
Krypton	83-1	737	870	717	774	10.76	cps
Lead	206-1	4712	4934	4868	4838	2.36	cps
Lead	207-1	3978	4151	3656	3928	6.39	cps
Lead	208-1	18155	18428	17588	18057	2.37	cps
Lithium	6-1	615457	617895	628089	620481	1.08	cps
Magnesium	24-2	613758	613905	613294	613652	0.05	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16DUP	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:38:20	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3866618	3872932	3895309	3878286	0.39	cps
Molybdenum	94-1	3626	3759	4017	3801	5.24	cps
Molybdenum	95-1	5510	5518	5885	5637	3.80	cps
Molybdenum	96-1	7502	7844	7461	7602	2.77	cps
Molybdenum	97-1	3534	3359	3509	3467	2.73	cps
Molybdenum	98-1	8803	8269	8861	8645	3.77	cps
Neodymium	150-1	1273	1353	1487	1371	7.86	cps
Neodymium	150-2	503	493	453	483	5.47	cps
Nickel	60-2	3437	3457	3544	3479	1.63	cps
Phosphorus	31-2	67	108	67	81	29.86	cps
Potassium	39-2	89738	92588	92312	91546	1.72	cps
Rhodium	103-1	1193755	1192064	1196206	1194009	0.17	cps
Rhodium	103-2	492507	504270	500536	499104	1.20	cps
Scandium	45-1	892471	893156	893662	893096	0.07	cps
Scandium	45-2	30164	30872	30067	30368	1.45	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	19	30	30	26	24.74	cps
Selenium	82-1	25	-56	96	21	355.18	cps
Silicon	28-1	24820443	24740276	24878965	24813228	0.28	cps
Silver	109-1	250	267	175	231	21.18	cps
Silver	107-1	208	342	150	233	42.11	cps
Sodium	23-2	679179	679176	675999	678118	0.27	cps
Strontium	86-1	401883	405060	408083	405009	0.77	cps
Strontium	88-1	3489097	3492088	3446011	3475732	0.74	cps
Sulfur	34-1	227876	227665	226736	227426	0.27	cps
Terbium	159-1	1789133	1790293	1829031	1802819	1.26	cps
Terbium	159-2	759824	766324	772918	766355	0.85	cps
Thallium	203-1	458	383	492	444	12.48	cps
Thallium	205-1	442	600	417	486	20.45	cps
Thorium	232-1	2056	2100	2078	2078	1.07	cps
Tin	118-1	3242	3867	3967	3692	10.64	cps
Titanium	47-1	1325	1417	1392	1378	3.44	cps
Uranium	238-1	2400	2334	2192	2309	4.61	cps
Vanadium	51-2	397	443	367	402	9.61	cps
Yttrium	89-1	1459603	1468999	1479550	1469384	0.68	cps
Yttrium	89-2	164760	168132	166538	166477	1.01	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16DUP	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:38:20	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2284	2330	2267	2294	1.43	cps
Zirconium	90-1	1775	1675	1809	1753	3.96	cps
Zirconium	91-1	375	433	392	400	7.51	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16LX5	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRL	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 19:41:54	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575	400	483	486	18.01	cps
Antimony	121-1	1550	1675	1675	1634	4.42	cps
Arsenic	75-2	570	530	622	574	8.08	cps
Barium	135-1	8336	8261	8995	8531	4.73	cps
Barium	137-1	14441	14725	15017	14728	1.95	cps
Beryllium	9-1	67	28	67	54	41.81	cps
Bismuth	209-1	1111842	1114082	1098641	1108188	0.75	cps
Bismuth	209-2	589672	594064	600591	594775	0.92	cps
Boron	10-1	992	883	1042	972	8.33	cps
Boron	11-1	4151	4276	4418	4281	3.12	cps
Cadmium	111-1	466	338	367	390	17.18	cps
Cadmium	106-1	650	442	517	536	19.68	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	102043	101732	101893	101889	0.15	cps
Calcium	44-1	1658035	1654175	1648012	1653407	0.31	cps
Chromium	52-2	787	783	800	790	1.12	cps
Cobalt	59-2	5601	5574	5538	5571	0.57	cps
Copper	63-2	910	910	1037	952	7.68	cps
Dysprosium	156-1	333	200	300	278	24.98	cps
Dysprosium	156-2	127	117	137	127	7.89	cps
Erbium	164-1	350	358	300	336	9.39	cps
Erbium	164-2	180	187	167	178	5.73	cps
Gadolinium	160-1	333	192	308	278	27.22	cps
Gadolinium	160-2	190	150	213	184	17.37	cps
Holmium	165-1	1816503	1800911	1794840	1804085	0.62	cps
Holmium	165-2	806003	799917	813735	806552	0.86	cps
Indium	115-1	1353959	1367626	1359614	1360399	0.50	cps
Indium	115-2	223073	218699	220244	220672	1.01	cps
Iron	56-2	12843683	12791158	12830845	12821895	0.21	cps
Iron	57-2	314244	318613	316434	316431	0.69	cps
Krypton	83-1	783	763	650	732	9.82	cps
Lead	206-1	1383	1561	1483	1476	6.04	cps
Lead	207-1	1478	1306	1445	1409	6.48	cps
Lead	208-1	5517	5378	5412	5436	1.33	cps
Lithium	6-1	633255	625685	622512	627151	0.88	cps
Magnesium	24-2	130952	127809	131441	130067	1.52	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16LX5	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRL	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 19:41:54	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	827728	816994	833166	825963	1.00	cps
Molybdenum	94-1	775	1000	858	878	12.96	cps
Molybdenum	95-1	1300	1333	1067	1233	11.78	cps
Molybdenum	96-1	1784	1725	1759	1756	1.67	cps
Molybdenum	97-1	725	717	800	747	6.14	cps
Molybdenum	98-1	1984	1775	1692	1817	8.27	cps
Neodymium	150-1	267	393	213	291	31.76	cps
Neodymium	150-2	127	107	143	126	14.62	cps
Nickel	60-2	803	720	690	738	7.96	cps
Phosphorus	31-2	75	50	92	72	29.04	cps
Potassium	39-2	26967	28378	28203	27849	2.76	cps
Rhodium	103-1	1262316	1263487	1243048	1256284	0.91	cps
Rhodium	103-2	518367	517798	518971	518379	0.11	cps
Scandium	45-1	956690	941355	928336	942127	1.51	cps
Scandium	45-2	32583	32252	32422	32419	0.51	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	50	28	35	38	30.04	cps
Selenium	82-1	18	37	172	76	111.40	cps
Silicon	28-1	5389762	5404371	5430520	5408218	0.38	cps
Silver	109-1	133	100	100	111	17.32	cps
Silver	107-1	167	108	117	131	24.16	cps
Sodium	23-2	148395	150868	150406	149890	0.88	cps
Strontium	86-1	88658	85430	85053	86380	2.29	cps
Strontium	88-1	746005	735356	730608	737323	1.07	cps
Sulfur	34-1	240368	237767	237929	238688	0.61	cps
Terbium	159-1	1834839	1827288	1836811	1832979	0.27	cps
Terbium	159-2	789336	792242	788982	790187	0.23	cps
Thallium	203-1	292	392	317	333	15.61	cps
Thallium	205-1	417	617	417	483	23.89	cps
Thorium	232-1	1650	1595	1545	1596	3.31	cps
Tin	118-1	633	708	625	656	7.00	cps
Titanium	47-1	375	375	300	350	12.37	cps
Uranium	238-1	1984	2209	2109	2100	5.37	cps
Vanadium	51-2	103	113	113	110	5.25	cps
Yttrium	89-1	1515328	1489078	1482916	1495774	1.15	cps
Yttrium	89-2	171380	169750	171491	170874	0.57	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16LX5	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRL	Dilution Factor :	5
Date & Time Acquired ::	2019-11-07 19:41:54	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	577	570	580	576	0.88	cps
Zirconium	90-1	533	375	450	453	17.49	cps
Zirconium	91-1	92	92	83	89	5.41	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-17	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRMS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:45:28	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	386422	384883	387658	386321	0.36	cps
Antimony	121-1	2220410	2258488	2237883	2238927	0.85	cps
Arsenic	75-2	68577	68767	68654	68666	0.14	cps
Barium	135-1	2782053	2846621	2834060	2820911	1.21	cps
Barium	137-1	4776779	4847133	4853928	4825946	0.89	cps
Beryllium	9-1	686274	687365	702296	691978	1.29	cps
Bismuth	209-1	1085949	1044802	1066717	1065823	1.93	cps
Bismuth	209-2	523879	564939	547051	545289	3.78	cps
Boron	10-1	111140	113910	113583	112878	1.34	cps
Boron	11-1	513778	518164	526497	519480	1.24	cps
Cadmium	111-1	619038	628442	635553	627677	1.32	cps
Cadmium	106-1	67411	70476	69848	69245	2.34	cps
Cadmium	108-1	47618	46874	46159	46883	1.56	cps
Calcium	43-1	1226469	1244366	1272340	1247725	1.85	cps
Calcium	44-1	20485711	20904024	20990126	20793287	1.30	cps
Chromium	52-2	582484	587897	580448	583610	0.66	cps
Cobalt	59-2	956869	956386	965180	959478	0.52	cps
Copper	63-2	1269572	1283327	1299332	1284077	1.16	cps
Dysprosium	156-1	1492	1375	1283	1383	7.55	cps
Dysprosium	156-2	637	643	733	671	8.04	cps
Erbium	164-1	1792	1650	1558	1667	7.05	cps
Erbium	164-2	713	687	650	683	4.65	cps
Gadolinium	160-1	1275	1417	1358	1350	5.27	cps
Gadolinium	160-2	720	730	663	704	5.10	cps
Holmium	165-1	1853062	1775894	1818234	1815730	2.13	cps
Holmium	165-2	747386	815070	795965	786140	4.44	cps
Indium	115-1	1318668	1252444	1300151	1290421	2.65	cps
Indium	115-2	190815	206850	198626	198764	4.03	cps
Iron	56-2	82822627	83484121	82942907	83083219	0.42	cps
Iron	57-2	2027593	2029967	2032441	2030000	0.12	cps
Krypton	83-1	760	837	760	786	5.63	cps
Lead	206-1	1849951	1891215	1853618	1864928	1.22	cps
Lead	207-1	1652354	1663686	1655477	1657172	0.35	cps
Lead	208-1	7349762	7400006	7359799	7369856	0.36	cps
Lithium	6-1	634904	611072	632111	626029	2.08	cps
Magnesium	24-2	5473652	5508531	5433987	5472057	0.68	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-17	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRMS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:45:28	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4433746	4441456	4440905	4438703	0.10	cps
Molybdenum	94-1	4639355	4715317	4684234	4679635	0.82	cps
Molybdenum	95-1	6028264	6047509	6084679	6053484	0.47	cps
Molybdenum	96-1	6613999	6833854	6769401	6739085	1.68	cps
Molybdenum	97-1	3572929	3640211	3599516	3604219	0.94	cps
Molybdenum	98-1	9517475	9852794	9763576	9711282	1.79	cps
Neodymium	150-1	1467	1420	1687	1525	9.34	cps
Neodymium	150-2	503	543	477	508	6.61	cps
Nickel	60-2	247799	250374	251590	249921	0.77	cps
Phosphorus	31-2	125	83	117	108	20.35	cps
Potassium	39-2	2133438	2139029	2124761	2132409	0.34	cps
Rhodium	103-1	1200302	1159386	1206791	1188826	2.16	cps
Rhodium	103-2	464051	507140	492345	487845	4.49	cps
Scandium	45-1	935707	898430	932733	922290	2.25	cps
Scandium	45-2	30438	32616	31985	31680	3.54	cps
Selenium	77-2	1753	1693	1853	1767	4.58	cps
Selenium	78-2	5955	5740	5870	5855	1.85	cps
Selenium	82-1	50781	51392	51839	51337	1.03	cps
Silicon	28-1	25863727	26266328	26358512	26162856	1.01	cps
Silver	109-1	2547067	2562415	2610663	2573381	1.29	cps
Silver	107-1	2645732	2721250	2681293	2682758	1.41	cps
Sodium	23-2	10515795	10674850	10688699	10626448	0.90	cps
Strontium	86-1	1124703	1139268	1138180	1134050	0.72	cps
Strontium	88-1	9994216	10146798	10069298	10070104	0.76	cps
Sulfur	34-1	227495	227138	226683	227105	0.18	cps
Terbium	159-1	1874349	1777132	1831208	1827563	2.67	cps
Terbium	159-2	721576	788387	774440	761468	4.63	cps
Thallium	203-1	2200149	2267493	2259840	2242494	1.64	cps
Thallium	205-1	5166281	5297812	5602093	5355395	4.17	cps
Thorium	232-1	2561	2656	2456	2558	3.91	cps
Tin	118-1	1900159	1935766	1930584	1922170	1.00	cps
Titanium	47-1	1719907	1748577	1747973	1738819	0.94	cps
Uranium	238-1	7427839	7583380	7626213	7545810	1.38	cps
Vanadium	51-2	472814	473571	475185	473857	0.26	cps
Yttrium	89-1	1528027	1455297	1486258	1489861	2.45	cps
Yttrium	89-2	159930	173690	170960	168194	4.33	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-17	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRMS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:45:28	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	185347	187734	185977	186352	0.66	cps
Zirconium	90-1	3855611	3930220	3904876	3896902	0.97	cps
Zirconium	91-1	858450	879051	863709	867070	1.23	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : K5588-18 Instrumnet Name : P7
 Client Sample ID : FA19-MAMW34SRMSD Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 19:49:03 DataFile Name : 074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	378702	372784	382122	377869	1.25	cps
Antimony	121-1	2230398	2244055	2226157	2233537	0.42	cps
Arsenic	75-2	68280	67997	66853	67710	1.12	cps
Barium	135-1	2805122	2852131	2810212	2822488	0.91	cps
Barium	137-1	4757788	4948327	4850540	4852218	1.96	cps
Beryllium	9-1	686095	690120	694677	690297	0.62	cps
Bismuth	209-1	1039116	1050683	1048775	1046192	0.59	cps
Bismuth	209-2	542932	537785	525116	535278	1.71	cps
Boron	10-1	112298	116910	117723	115644	2.53	cps
Boron	11-1	524796	536899	538866	533520	1.43	cps
Cadmium	111-1	618653	624172	627586	623470	0.72	cps
Cadmium	106-1	69346	69647	68927	69307	0.52	cps
Cadmium	108-1	46531	46656	46644	46610	0.15	cps
Calcium	43-1	1239040	1244701	1232552	1238764	0.49	cps
Calcium	44-1	20363337	20553657	20718665	20545220	0.87	cps
Chromium	52-2	577563	581621	574664	577949	0.60	cps
Cobalt	59-2	957644	958997	953181	956607	0.32	cps
Copper	63-2	1266179	1266854	1261914	1264982	0.21	cps
Dysprosium	156-1	1283	1467	1458	1403	7.38	cps
Dysprosium	156-2	680	713	627	673	6.49	cps
Erbium	164-1	1559	1442	1725	1575	9.04	cps
Erbium	164-2	670	757	783	737	8.04	cps
Gadolinium	160-1	1367	1200	1275	1281	6.52	cps
Gadolinium	160-2	673	687	760	707	6.60	cps
Holmium	165-1	1765030	1785717	1781428	1777392	0.61	cps
Holmium	165-2	785347	769182	764482	773003	1.42	cps
Indium	115-1	1243836	1263387	1264311	1257178	0.92	cps
Indium	115-2	197625	191052	188907	192528	2.36	cps
Iron	56-2	82699007	82720627	82393052	82604229	0.22	cps
Iron	57-2	2038947	2021630	2011401	2023993	0.69	cps
Krypton	83-1	747	773	813	778	4.31	cps
Lead	206-1	1826468	1844189	1871525	1847394	1.23	cps
Lead	207-1	1636422	1654410	1654550	1648461	0.63	cps
Lead	208-1	7320817	7361275	7444870	7375654	0.86	cps
Lithium	6-1	618623	629816	630812	626417	1.08	cps
Magnesium	24-2	5421686	5361551	5401446	5394894	0.57	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-18	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:49:03	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4402369	4369778	4385028	4385725	0.37	cps
Molybdenum	94-1	4689523	4762716	4691605	4714615	0.88	cps
Molybdenum	95-1	6029756	6117590	6006799	6051382	0.97	cps
Molybdenum	96-1	6689383	6832125	6741292	6754267	1.07	cps
Molybdenum	97-1	3569938	3640150	3649584	3619891	1.20	cps
Molybdenum	98-1	9719543	9802496	9729216	9750418	0.47	cps
Neodymium	150-1	1680	1513	1760	1651	7.62	cps
Neodymium	150-2	497	470	463	477	3.70	cps
Nickel	60-2	248771	248539	250384	249231	0.40	cps
Phosphorus	31-2	125	100	50	92	41.66	cps
Potassium	39-2	2104727	2084456	2106108	2098431	0.58	cps
Rhodium	103-1	1162243	1184617	1169472	1172111	0.97	cps
Rhodium	103-2	480203	472506	462814	471841	1.85	cps
Scandium	45-1	894910	908670	898199	900593	0.80	cps
Scandium	45-2	31236	29727	29620	30194	2.99	cps
Selenium	77-2	1790	1683	1657	1710	4.13	cps
Selenium	78-2	5870	5562	5912	5781	3.30	cps
Selenium	82-1	50731	52345	51145	51407	1.63	cps
Silicon	28-1	26115652	26174728	26225424	26171935	0.21	cps
Silver	109-1	2564900	2602222	2570996	2579373	0.78	cps
Silver	107-1	2633905	2698231	2670898	2667678	1.21	cps
Sodium	23-2	10621497	10494492	10529592	10548527	0.62	cps
Strontium	86-1	1119289	1130815	1144753	1131619	1.13	cps
Strontium	88-1	10037329	10000250	10192474	10076684	1.01	cps
Sulfur	34-1	224221	225377	223415	224338	0.44	cps
Terbium	159-1	1777537	1818062	1799082	1798227	1.13	cps
Terbium	159-2	766281	750726	740565	752524	1.72	cps
Thallium	203-1	2224428	2249783	2256529	2243580	0.75	cps
Thallium	205-1	5141105	5148017	5181192	5156771	0.42	cps
Thorium	232-1	2389	2178	2106	2224	6.62	cps
Tin	118-1	1913435	1931525	1936572	1927177	0.63	cps
Titanium	47-1	1720604	1751857	1724236	1732232	0.99	cps
Uranium	238-1	7588784	7573025	7673214	7611674	0.71	cps
Vanadium	51-2	470360	467359	466218	467979	0.46	cps
Yttrium	89-1	1464359	1492037	1484157	1480184	0.96	cps
Yttrium	89-2	165731	161252	159475	162153	1.99	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-18	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:49:03	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	184456	184845	183894	184398	0.26	cps
Zirconium	90-1	3875223	3925836	3882843	3894634	0.70	cps
Zirconium	91-1	870563	888647	873061	877424	1.12	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16A	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRA	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:52:37	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	372604	376253	372639	373832	0.56	cps
Antimony	121-1	2215998	2257896	2250099	2241331	0.99	cps
Arsenic	75-2	66590	67898	66976	67155	1.00	cps
Barium	135-1	2819927	2840577	2852511	2837671	0.58	cps
Barium	137-1	4814289	4894339	4945565	4884731	1.35	cps
Beryllium	9-1	683341	691485	693442	689423	0.78	cps
Bismuth	209-1	1063786	1042867	1054050	1053568	0.99	cps
Bismuth	209-2	551986	544316	547360	547888	0.70	cps
Boron	10-1	114775	118639	118856	117423	1.96	cps
Boron	11-1	523912	538357	550366	537545	2.46	cps
Cadmium	111-1	619317	618614	613480	617137	0.52	cps
Cadmium	106-1	68794	68809	70024	69209	1.02	cps
Cadmium	108-1	47183	46639	47588	47137	1.01	cps
Calcium	43-1	1228275	1227169	1242368	1232604	0.69	cps
Calcium	44-1	20350568	20546921	20609883	20502457	0.66	cps
Chromium	52-2	567054	567751	572306	569037	0.50	cps
Cobalt	59-2	950311	952831	935549	946230	0.99	cps
Copper	63-2	1246784	1260079	1264654	1257172	0.74	cps
Dysprosium	156-1	1358	1542	1525	1475	6.87	cps
Dysprosium	156-2	687	660	673	673	1.98	cps
Erbium	164-1	1559	1575	1725	1620	5.67	cps
Erbium	164-2	693	677	693	688	1.40	cps
Gadolinium	160-1	1475	1383	1467	1442	3.52	cps
Gadolinium	160-2	707	687	667	687	2.91	cps
Holmium	165-1	1793899	1788810	1773442	1785384	0.60	cps
Holmium	165-2	805470	769819	787875	787721	2.26	cps
Indium	115-1	1257618	1251854	1283421	1264297	1.33	cps
Indium	115-2	200901	195989	199447	198779	1.27	cps
Iron	56-2	81684007	81588243	82252013	81841421	0.44	cps
Iron	57-2	1996691	1988014	1986323	1990343	0.28	cps
Krypton	83-1	780	753	750	761	2.16	cps
Lead	206-1	1858815	1894473	1877283	1876857	0.95	cps
Lead	207-1	1648841	1684442	1699710	1677664	1.56	cps
Lead	208-1	7338022	7514048	7541896	7464655	1.48	cps
Lithium	6-1	624349	622325	633377	626684	0.94	cps
Magnesium	24-2	5316850	5449591	5293594	5353345	1.57	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16A	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRA	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:52:37	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4317970	4325248	4343288	4328835	0.30	cps
Molybdenum	94-1	4652421	4678537	4726484	4685814	0.80	cps
Molybdenum	95-1	5922123	6047634	6111278	6027012	1.60	cps
Molybdenum	96-1	6719673	6685800	6813528	6739667	0.98	cps
Molybdenum	97-1	3571786	3622306	3607142	3600411	0.72	cps
Molybdenum	98-1	9770807	9714450	9708558	9731272	0.35	cps
Neodymium	150-1	1587	1593	1567	1582	0.88	cps
Neodymium	150-2	457	413	447	439	5.17	cps
Nickel	60-2	247796	248181	245766	247248	0.52	cps
Phosphorus	31-2	83	158	58	100	52.04	cps
Potassium	39-2	2051147	2104068	2079861	2078359	1.27	cps
Rhodium	103-1	1176721	1171153	1161767	1169880	0.65	cps
Rhodium	103-2	492741	469021	482619	481460	2.47	cps
Scandium	45-1	915553	896808	907791	906717	1.04	cps
Scandium	45-2	31443	30512	30953	30969	1.51	cps
Selenium	77-2	1653	1743	1710	1702	2.67	cps
Selenium	78-2	5896	5534	5801	5744	3.26	cps
Selenium	82-1	51015	51174	51414	51201	0.39	cps
Silicon	28-1	25672721	25928683	25885933	25829112	0.53	cps
Silver	109-1	2544123	2556194	2576512	2558943	0.64	cps
Silver	107-1	2662343	2695702	2694543	2684196	0.71	cps
Sodium	23-2	10258869	10489012	10395028	10380970	1.11	cps
Strontium	86-1	1124220	1129476	1130029	1127908	0.28	cps
Strontium	88-1	9967090	10136081	10124765	10075979	0.94	cps
Sulfur	34-1	221109	221616	219360	220695	0.54	cps
Terbium	159-1	1820966	1802995	1795534	1806498	0.72	cps
Terbium	159-2	773254	750832	762893	762327	1.47	cps
Thallium	203-1	2228736	2285971	2283552	2266086	1.43	cps
Thallium	205-1	5270382	5270487	5333686	5291518	0.69	cps
Thorium	232-1	2050	2239	2061	2117	5.01	cps
Tin	118-1	1903219	1926530	1938279	1922676	0.93	cps
Titanium	47-1	1713045	1703462	1703395	1706634	0.33	cps
Uranium	238-1	7544048	7723221	7679189	7648819	1.22	cps
Vanadium	51-2	461508	464520	465190	463739	0.42	cps
Yttrium	89-1	1475305	1472654	1482081	1476680	0.33	cps
Yttrium	89-2	165786	161854	162839	163493	1.25	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-16A	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW34SRA	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:52:37	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	180833	185146	182176	182718	1.21	cps
Zirconium	90-1	3872675	3847587	3933523	3884595	1.14	cps
Zirconium	91-1	875610	883461	871121	876731	0.71	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:56:13	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2467	2909	2267	2548	12.89	cps
Antimony	121-1	1175	1292	1108	1192	7.79	cps
Arsenic	75-2	58277	57872	58368	58173	0.45	cps
Barium	135-1	325	317	383	342	10.63	cps
Barium	137-1	475	633	517	542	15.15	cps
Beryllium	9-1	150	144	156	150	3.70	cps
Bismuth	209-1	1022334	943581	1006722	990879	4.21	cps
Bismuth	209-2	542869	536060	535206	538045	0.78	cps
Boron	10-1	5843	5960	5535	5779	3.80	cps
Boron	11-1	28536	26265	24379	26393	7.89	cps
Cadmium	111-1	556	420	446	474	15.24	cps
Cadmium	106-1	617	475	525	539	13.33	cps
Cadmium	108-1	25	13	13	17	43.30	cps
Calcium	43-1	1575	1392	1558	1508	6.72	cps
Calcium	44-1	23428	24262	24246	23979	1.99	cps
Chromium	52-2	535261	529374	528869	531168	0.67	cps
Cobalt	59-2	1510	1430	1597	1512	5.51	cps
Copper	63-2	2927	2630	2817	2791	5.37	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	17	27	10	18	47.19	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	33	40	37	37	9.10	cps
Gadolinium	160-1	8	42	25	25	66.68	cps
Gadolinium	160-2	40	47	27	38	26.95	cps
Holmium	165-1	1783380	1619099	1716148	1706209	4.84	cps
Holmium	165-2	789096	770821	771659	777192	1.33	cps
Indium	115-1	1284282	1178871	1252792	1238648	4.37	cps
Indium	115-2	206751	201158	204683	204197	1.39	cps
Iron	56-2	116607586	114651011	114107616	115122071	1.14	cps
Iron	57-2	2815624	2769828	2762478	2782643	1.03	cps
Krypton	83-1	873	680	707	753	13.91	cps
Lead	206-1	1661123	1660296	1631837	1651085	1.01	cps
Lead	207-1	1508902	1508182	1451879	1489654	2.20	cps
Lead	208-1	6695172	6658570	6493061	6615601	1.63	cps
Lithium	6-1	629107	587006	628089	614734	3.91	cps
Magnesium	24-2	24354103	24023302	23987200	24121535	0.84	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:56:13	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	632832	621491	619040	624454	1.18	cps
Molybdenum	94-1	2042	2159	2325	2175	6.55	cps
Molybdenum	95-1	3476	3651	3334	3487	4.55	cps
Molybdenum	96-1	6710	6510	6577	6599	1.54	cps
Molybdenum	97-1	2442	2434	2084	2320	8.82	cps
Molybdenum	98-1	5301	5518	5518	5446	2.30	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	3564	3547	3597	3569	0.71	cps
Phosphorus	31-2	25	42	50	39	32.73	cps
Potassium	39-2	10646	10804	10929	10793	1.32	cps
Rhodium	103-1	1166665	1078215	1144057	1129646	4.07	cps
Rhodium	103-2	477246	463497	469348	470030	1.47	cps
Scandium	45-1	906165	844031	896861	882352	3.80	cps
Scandium	45-2	30886	30218	30592	30565	1.10	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	35	28	26	30	16.54	cps
Selenium	82-1	-139	37	19	-27	-353.30	cps
Silicon	28-1	158557	156190	155382	156710	1.05	cps
Silver	109-1	342	275	317	311	10.83	cps
Silver	107-1	258	325	317	300	12.11	cps
Sodium	23-2	16209	16243	16918	16457	2.43	cps
Strontium	86-1	1192	1367	1183	1247	8.30	cps
Strontium	88-1	908	867	858	878	3.05	cps
Sulfur	34-1	234762	238233	239285	237427	1.00	cps
Terbium	159-1	1781592	1645791	1729010	1718798	3.98	cps
Terbium	159-2	756594	754929	755438	755653	0.11	cps
Thallium	203-1	1275	1067	1067	1136	10.59	cps
Thallium	205-1	2459	2234	2084	2259	8.36	cps
Thorium	232-1	1339	1228	1278	1282	4.34	cps
Tin	118-1	608	600	658	622	5.07	cps
Titanium	47-1	158	100	208	156	34.86	cps
Uranium	238-1	2067	2150	2059	2092	2.42	cps
Vanadium	51-2	70	97	113	93	23.42	cps
Yttrium	89-1	1449104	1322894	1405058	1392352	4.60	cps
Yttrium	89-2	162445	160186	162171	161600	0.76	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:56:13	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1173	1373	1223	1257	8.28	cps
Zirconium	90-1	317	467	475	419	21.24	cps
Zirconium	91-1	475	367	258	367	29.55	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : CCB11 Instrumnet Name : P7
 Client Sample ID : CCB11 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 19:59:48 DataFile Name : 077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	0	8	100.02	cps
Antimony	121-1	92	108	167	122	32.22	cps
Arsenic	75-2	11	9	15	12	24.10	cps
Barium	135-1	83	75	42	67	33.07	cps
Barium	137-1	133	183	125	147	21.43	cps
Beryllium	9-1	106	94	167	122	31.82	cps
Bismuth	209-1	1017430	1002173	1020736	1013446	0.98	cps
Bismuth	209-2	558579	558282	559931	558931	0.16	cps
Boron	10-1	3559	3134	3409	3367	6.40	cps
Boron	11-1	14499	14549	13682	14243	3.42	cps
Cadmium	111-1	398	323	459	393	17.35	cps
Cadmium	106-1	475	358	567	467	22.38	cps
Cadmium	108-1	25	4	0	10	137.74	cps
Calcium	43-1	142	133	175	150	14.70	cps
Calcium	44-1	3209	3342	3250	3267	2.09	cps
Chromium	52-2	293	273	260	276	6.09	cps
Cobalt	59-2	20	43	30	31	37.62	cps
Copper	63-2	363	357	373	364	2.30	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	13	23	7	14	58.06	cps
Erbium	164-1	0	8	33	14	124.91	cps
Erbium	164-2	40	27	23	30	29.40	cps
Gadolinium	160-1	17	8	8	11	43.34	cps
Gadolinium	160-2	33	30	27	30	11.10	cps
Holmium	165-1	1640560	1651703	1633096	1641786	0.57	cps
Holmium	165-2	772764	769832	766378	769658	0.42	cps
Indium	115-1	1261864	1254061	1254970	1256965	0.34	cps
Indium	115-2	211108	209165	208812	209695	0.59	cps
Iron	56-2	8291	8414	8619	8441	1.96	cps
Iron	57-2	289	272	267	276	4.19	cps
Krypton	83-1	683	877	783	781	12.38	cps
Lead	206-1	1033	800	861	898	13.47	cps
Lead	207-1	806	767	845	806	4.83	cps
Lead	208-1	3450	3039	3200	3230	6.41	cps
Lithium	6-1	610428	602999	607256	606894	0.61	cps
Magnesium	24-2	975	917	975	956	3.52	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:59:48	DataFile Name :	077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	223	170	140	178	23.74	cps
Molybdenum	94-1	150	242	192	194	23.60	cps
Molybdenum	95-1	167	125	217	169	27.09	cps
Molybdenum	96-1	317	217	317	283	20.38	cps
Molybdenum	97-1	142	150	142	144	3.33	cps
Molybdenum	98-1	400	400	458	419	8.03	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	3	10	10	8	49.52	cps
Phosphorus	31-2	100	33	58	64	52.72	cps
Potassium	39-2	9403	9912	9720	9679	2.65	cps
Rhodium	103-1	1161232	1156828	1157035	1158365	0.21	cps
Rhodium	103-2	493324	484031	483139	486832	1.16	cps
Scandium	45-1	883747	864256	862245	870083	1.36	cps
Scandium	45-2	30515	29937	30645	30366	1.24	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	24	28	20	24	15.39	cps
Selenium	82-1	25	-124	-43	-47	-158.71	cps
Silicon	28-1	112714	114062	115620	114132	1.27	cps
Silver	109-1	175	142	142	153	12.60	cps
Silver	107-1	217	175	150	181	18.65	cps
Sodium	23-2	8077	8303	8144	8175	1.41	cps
Strontium	86-1	1225	1117	1025	1122	8.92	cps
Strontium	88-1	283	217	158	219	28.50	cps
Sulfur	34-1	237489	233848	232478	234605	1.10	cps
Terbium	159-1	1697625	1693810	1692740	1694725	0.15	cps
Terbium	159-2	750402	734393	743149	742648	1.08	cps
Thallium	203-1	608	608	492	569	11.83	cps
Thallium	205-1	1058	1058	833	983	13.21	cps
Thorium	232-1	1356	1250	1467	1358	7.98	cps
Tin	118-1	592	417	442	483	19.58	cps
Titanium	47-1	100	183	117	133	33.07	cps
Uranium	238-1	2092	1900	1950	1981	5.02	cps
Vanadium	51-2	13	17	10	13	25.01	cps
Yttrium	89-1	1373097	1367588	1370596	1370427	0.20	cps
Yttrium	89-2	162483	159930	160940	161118	0.80	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 19:59:48	DataFile Name :	077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	77	87	97	87	11.54	cps
Zirconium	90-1	167	217	225	203	15.56	cps
Zirconium	91-1	67	25	25	39	61.86	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-19	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW40SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:03:23	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2325	2400	2534	2420	4.36	cps
Antimony	121-1	2800	3092	3159	3017	6.32	cps
Arsenic	75-2	2119	1972	1969	2020	4.24	cps
Barium	135-1	28146	27586	28063	27932	1.08	cps
Barium	137-1	47333	47942	47700	47658	0.64	cps
Beryllium	9-1	89	78	106	91	15.41	cps
Bismuth	209-1	1084814	1059293	1063101	1069069	1.29	cps
Bismuth	209-2	565445	559759	551534	558913	1.25	cps
Boron	10-1	3592	3459	3734	3595	3.83	cps
Boron	11-1	16518	16701	15959	16393	2.36	cps
Cadmium	111-1	677	595	658	644	6.64	cps
Cadmium	106-1	533	508	550	531	3.95	cps
Cadmium	108-1	13	21	21	18	26.64	cps
Calcium	43-1	240213	238724	240849	239929	0.45	cps
Calcium	44-1	3809065	3781007	3849855	3813309	0.91	cps
Chromium	52-2	1880	1683	1730	1765	5.82	cps
Cobalt	59-2	57034	57007	57392	57144	0.38	cps
Copper	63-2	8853	9036	8783	8891	1.47	cps
Dysprosium	156-1	2492	2684	2600	2592	3.71	cps
Dysprosium	156-2	1170	1140	1167	1159	1.42	cps
Erbium	164-1	2575	2484	2700	2586	4.21	cps
Erbium	164-2	1063	1087	897	1016	10.20	cps
Gadolinium	160-1	2350	2409	2484	2414	2.77	cps
Gadolinium	160-2	1017	1247	1183	1149	10.34	cps
Holmium	165-1	1722803	1662714	1693010	1692842	1.77	cps
Holmium	165-2	760170	761316	758233	759907	0.21	cps
Indium	115-1	1267776	1253193	1259818	1260262	0.58	cps
Indium	115-2	203211	201203	200745	201720	0.65	cps
Iron	56-2	35720497	35972033	35470494	35721008	0.70	cps
Iron	57-2	865628	879369	865777	870258	0.91	cps
Krypton	83-1	743	817	760	773	4.97	cps
Lead	206-1	9320	9170	9537	9342	1.97	cps
Lead	207-1	7602	7886	7936	7808	2.30	cps
Lead	208-1	35853	35886	36265	36001	0.63	cps
Lithium	6-1	598888	593743	597852	596827	0.46	cps
Magnesium	24-2	422870	422823	422533	422742	0.04	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-19	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW40SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:03:23	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3905848	3929990	3952534	3929457	0.59	cps
Molybdenum	94-1	1717	1784	1767	1756	1.97	cps
Molybdenum	95-1	1617	1408	1575	1533	7.19	cps
Molybdenum	96-1	2184	2734	2859	2592	13.86	cps
Molybdenum	97-1	817	850	783	817	4.08	cps
Molybdenum	98-1	1825	2059	2059	1981	6.80	cps
Neodymium	150-1	2867	3027	2894	2929	2.93	cps
Neodymium	150-2	1007	913	893	938	6.45	cps
Nickel	60-2	8729	8316	8553	8533	2.43	cps
Phosphorus	31-2	125	158	92	125	26.67	cps
Potassium	39-2	56910	59637	58951	58500	2.43	cps
Rhodium	103-1	1153013	1131623	1148216	1144284	0.98	cps
Rhodium	103-2	479528	474590	480523	478214	0.66	cps
Scandium	45-1	857362	842370	867345	855692	1.47	cps
Scandium	45-2	29593	29359	28725	29226	1.54	cps
Selenium	77-2	10	10	10	10	0.00	cps
Selenium	78-2	35	35	31	34	6.31	cps
Selenium	82-1	17	9	-45	-6	-541.92	cps
Silicon	28-1	18876060	19034303	18923564	18944642	0.43	cps
Silver	109-1	792	708	717	739	6.21	cps
Silver	107-1	808	642	708	719	11.66	cps
Sodium	23-2	364568	368867	363181	365539	0.81	cps
Strontium	86-1	185896	185149	190754	187266	1.63	cps
Strontium	88-1	1572248	1608304	1618311	1599621	1.51	cps
Sulfur	34-1	223231	220729	221634	221865	0.57	cps
Terbium	159-1	1737598	1716779	1725089	1726489	0.61	cps
Terbium	159-2	743552	735668	747189	742136	0.79	cps
Thallium	203-1	967	967	925	953	2.52	cps
Thallium	205-1	1934	1859	1742	1845	5.24	cps
Thorium	232-1	2489	2845	2900	2745	8.13	cps
Tin	118-1	5585	5876	6185	5882	5.10	cps
Titanium	47-1	1483	1175	1375	1345	11.64	cps
Uranium	238-1	2700	2675	2867	2748	3.79	cps
Vanadium	51-2	410	390	383	394	3.52	cps
Yttrium	89-1	1409840	1391479	1402057	1401125	0.66	cps
Yttrium	89-2	159088	161506	159398	159997	0.82	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	K5588-19	Instrumnet Name :	P7
Client Sample ID :	FA19-MAMW40SR	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:03:23	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2244	2187	2097	2176	3.40	cps
Zirconium	90-1	2301	3446	1967	2571	30.17	cps
Zirconium	91-1	458	567	500	508	10.75	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:06:58	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2284	2492	2517	2431	5.27	cps
Antimony	121-1	1225	908	1117	1083	14.86	cps
Arsenic	75-2	57534	57877	57459	57623	0.39	cps
Barium	135-1	200	192	233	208	10.58	cps
Barium	137-1	375	425	342	381	11.02	cps
Beryllium	9-1	50	83	50	61	31.50	cps
Bismuth	209-1	990949	993181	992222	992117	0.11	cps
Bismuth	209-2	529895	536963	537818	534892	0.81	cps
Boron	10-1	2092	1934	1900	1975	5.18	cps
Boron	11-1	9462	9829	8978	9423	4.53	cps
Cadmium	111-1	375	338	372	362	5.67	cps
Cadmium	106-1	475	417	475	456	7.39	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Calcium	43-1	1450	1450	1500	1467	1.97	cps
Calcium	44-1	22944	22751	22835	22843	0.42	cps
Chromium	52-2	520859	530633	528960	526817	0.99	cps
Cobalt	59-2	1397	1337	1423	1386	3.20	cps
Copper	63-2	2837	2697	2717	2750	2.75	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	17	7	20	14	48.02	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	27	40	27	31	24.74	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	33	43	63	47	32.74	cps
Holmium	165-1	1686771	1703392	1688068	1692744	0.55	cps
Holmium	165-2	765255	775527	771865	770882	0.68	cps
Indium	115-1	1237296	1229498	1236464	1234419	0.35	cps
Indium	115-2	202851	204771	204170	203931	0.48	cps
Iron	56-2	114278653	114725639	115026680	114676991	0.33	cps
Iron	57-2	2741630	2768333	2755458	2755141	0.48	cps
Krypton	83-1	750	767	793	770	2.84	cps
Lead	206-1	1634825	1603776	1614492	1617698	0.97	cps
Lead	207-1	1465815	1464614	1443474	1457967	0.86	cps
Lead	208-1	6495827	6444200	6445864	6461964	0.45	cps
Lithium	6-1	600688	598639	603854	601060	0.44	cps
Magnesium	24-2	23545907	23815646	23717846	23693133	0.58	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:06:58	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	616890	623895	620456	620414	0.56	cps
Molybdenum	94-1	1709	1667	1950	1775	8.62	cps
Molybdenum	95-1	2484	2859	2775	2706	7.28	cps
Molybdenum	96-1	6068	6127	5726	5974	3.62	cps
Molybdenum	97-1	1759	1884	1717	1786	4.86	cps
Molybdenum	98-1	4318	4568	4493	4459	2.88	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	3500	3344	3434	3426	2.30	cps
Phosphorus	31-2	67	50	17	44	57.28	cps
Potassium	39-2	10938	10696	10571	10735	1.74	cps
Rhodium	103-1	1132266	1142887	1130968	1135374	0.58	cps
Rhodium	103-2	469074	470269	468341	469228	0.21	cps
Scandium	45-1	866542	875737	869081	870453	0.55	cps
Scandium	45-2	30274	30816	30702	30597	0.93	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	22	28	24	25	11.47	cps
Selenium	82-1	31	53	-17	23	158.41	cps
Silicon	28-1	129614	131011	131322	130649	0.70	cps
Silver	109-1	167	200	192	186	9.32	cps
Silver	107-1	133	200	167	167	20.00	cps
Sodium	23-2	14474	15458	15058	14997	3.30	cps
Strontium	86-1	1117	1300	1325	1247	9.12	cps
Strontium	88-1	525	575	442	514	13.11	cps
Sulfur	34-1	237626	236811	236235	236891	0.29	cps
Terbium	159-1	1713812	1719244	1690178	1707745	0.90	cps
Terbium	159-2	744354	755730	748178	749421	0.77	cps
Thallium	203-1	492	733	700	642	20.41	cps
Thallium	205-1	1025	1017	975	1006	2.66	cps
Thorium	232-1	1350	1300	1328	1326	1.89	cps
Tin	118-1	458	492	500	483	4.56	cps
Titanium	47-1	42	50	142	78	71.34	cps
Uranium	238-1	1700	1650	1642	1664	1.90	cps
Vanadium	51-2	57	70	60	62	11.15	cps
Yttrium	89-1	1394700	1400106	1398809	1397872	0.20	cps
Yttrium	89-2	160057	163863	163199	162373	1.25	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:06:58	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1287	1290	1313	1297	1.12	cps
Zirconium	90-1	183	108	133	142	26.96	cps
Zirconium	91-1	317	417	392	375	13.88	cps

LB Number : LB106165 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P7
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-07 20:10:33 DataFile Name : 080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	8	3	173.21	cps
Antimony	121-1	25	100	83	69	56.71	cps
Arsenic	75-2	6	2	11	6	75.49	cps
Barium	135-1	8	17	17	14	34.67	cps
Barium	137-1	42	17	25	28	45.82	cps
Beryllium	9-1	83	56	50	63	28.37	cps
Bismuth	209-1	995640	991906	985764	991103	0.50	cps
Bismuth	209-2	554925	554537	550973	553478	0.39	cps
Boron	10-1	1734	1650	1392	1592	11.19	cps
Boron	11-1	7094	7060	7394	7183	2.56	cps
Cadmium	111-1	288	360	379	342	14.15	cps
Cadmium	106-1	375	442	500	439	14.25	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	100	75	125	100	25.00	cps
Calcium	44-1	2475	2525	2409	2470	2.37	cps
Chromium	52-2	247	217	240	234	6.72	cps
Cobalt	59-2	20	13	17	17	20.01	cps
Copper	63-2	317	337	293	316	6.87	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	50	50	33	44	21.64	cps
Erbium	164-2	20	20	30	23	24.74	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	33	43	40	39	13.09	cps
Holmium	165-1	1624971	1596420	1610880	1610757	0.89	cps
Holmium	165-2	757482	768283	766659	764141	0.76	cps
Indium	115-1	1235726	1221597	1236471	1231265	0.68	cps
Indium	115-2	203853	205201	207195	205416	0.82	cps
Iron	56-2	5985	6007	6268	6087	2.59	cps
Iron	57-2	239	283	272	265	8.73	cps
Krypton	83-1	620	743	660	674	9.33	cps
Lead	206-1	833	861	833	843	1.90	cps
Lead	207-1	767	806	761	778	3.11	cps
Lead	208-1	3034	2995	2984	3004	0.87	cps
Lithium	6-1	588453	589610	592639	590234	0.37	cps
Magnesium	24-2	725	575	717	672	12.54	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:10:33	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180	150	147	159	11.55	cps
Molybdenum	94-1	33	58	58	50	28.88	cps
Molybdenum	95-1	50	58	25	44	39.04	cps
Molybdenum	96-1	75	100	125	100	25.00	cps
Molybdenum	97-1	25	42	50	39	32.73	cps
Molybdenum	98-1	75	83	125	94	28.37	cps
Neodymium	150-1	0	13	33	16	107.86	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	10	7	7	8	24.71	cps
Phosphorus	31-2	33	25	42	33	25.01	cps
Potassium	39-2	9453	9570	9312	9445	1.37	cps
Rhodium	103-1	1138481	1153565	1143864	1145304	0.67	cps
Rhodium	103-2	486567	482554	487269	485464	0.52	cps
Scandium	45-1	853285	851872	846593	850584	0.41	cps
Scandium	45-2	29911	29152	29513	29525	1.28	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	31	39	31	34	12.60	cps
Selenium	82-1	71	-16	31	29	151.94	cps
Silicon	28-1	109146	107308	108274	108242	0.85	cps
Silver	109-1	133	117	150	133	12.50	cps
Silver	107-1	175	117	133	142	21.21	cps
Sodium	23-2	8061	7761	7602	7808	2.98	cps
Strontium	86-1	1067	1125	1300	1164	10.43	cps
Strontium	88-1	117	125	100	114	11.18	cps
Sulfur	34-1	241484	238852	239733	240023	0.56	cps
Terbium	159-1	1655923	1627670	1633351	1638982	0.91	cps
Terbium	159-2	734962	736151	739164	736759	0.29	cps
Thallium	203-1	358	375	350	361	3.52	cps
Thallium	205-1	550	542	467	519	8.84	cps
Thorium	232-1	1317	1433	1383	1378	4.25	cps
Tin	118-1	392	450	450	431	7.82	cps
Titanium	47-1	67	42	58	56	22.91	cps
Uranium	238-1	1792	1909	2042	1914	6.54	cps
Vanadium	51-2	7	7	3	6	34.70	cps
Yttrium	89-1	1351780	1341388	1344841	1346003	0.39	cps
Yttrium	89-2	157433	157430	160944	158602	1.28	cps

LB Number :	LB106165	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-11-07 20:10:33	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60	63	57	60	5.55	cps
Zirconium	90-1	150	117	133	133	12.50	cps
Zirconium	91-1	25	17	8	17	50.01	cps