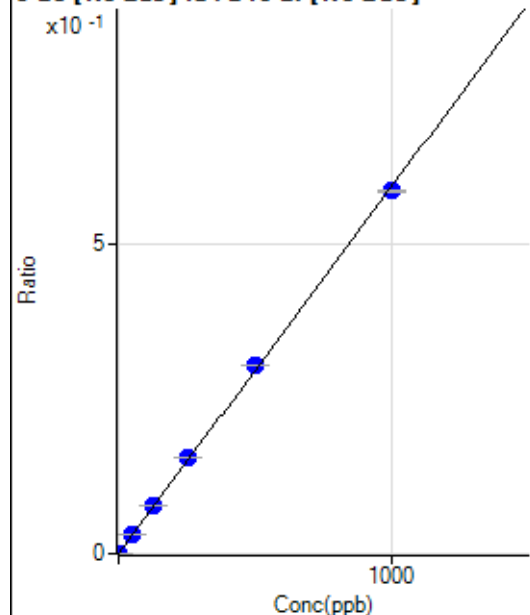


Batch Folder: D:\ICP-MS Data\P7062419-MS.b\
Analysis File: P7062419-MS.batch.bin
DA Date-Time: 2019-06-24 18:51:13
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-24 14:15:42
2			
3	005CALS.d	S02	2019-06-24 14:23:17
4	006CALS.d	S03	2019-06-24 14:27:14
5	007CALS.d	S04	2019-06-24 14:31:10
6	008CALS.d	S05	2019-06-24 14:35:05
7	009CALS.d	S06	2019-06-24 14:38:59
8	010CALS.d	S07	2019-06-24 14:42:49
9	011CALS.d	S08	2019-06-24 14:46:39

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.11	0.0000	P	24.6
2	☐	0.100					
3	☐	1.000	1.015	936.71	0.0006	P	0.5
4	☐	50.000	53.730	46762.91	0.0318	P	0.7
5	☐	125.000	132.800	110529.39	0.0786	P	0.3
6	☐	250.000	263.994	203046.64	0.1562	P	0.3
7	☐	500.000	513.116	385502.53	0.3035	P	0.1
8	☐	1000.000	988.782	701379.26	0.5849	P	0.3
9	☐			180.00	0.0002	P	15.5

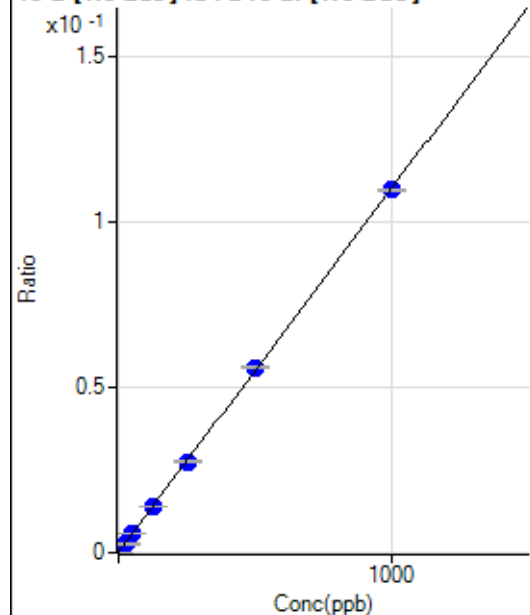
$$y = 5.9152\text{E-}004 * x + 2.0996\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.02624$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	258.35	0.0002	P	14.8
2	☐	2.500					
3	☐	25.000	22.479	3992.36	0.0026	P	4.7
4	☐	50.000	50.856	8480.48	0.0058	P	3.4
5	☐	125.000	125.187	19616.13	0.0139	P	2.3
6	☐	250.000	248.396	35748.78	0.0275	P	1.1
7	☐	500.000	508.164	71209.95	0.0561	P	1.0
8	☐	1000.000	996.316	131619.32	0.1098	P	0.4
9	☐			6935.21	0.0063	P	9.8

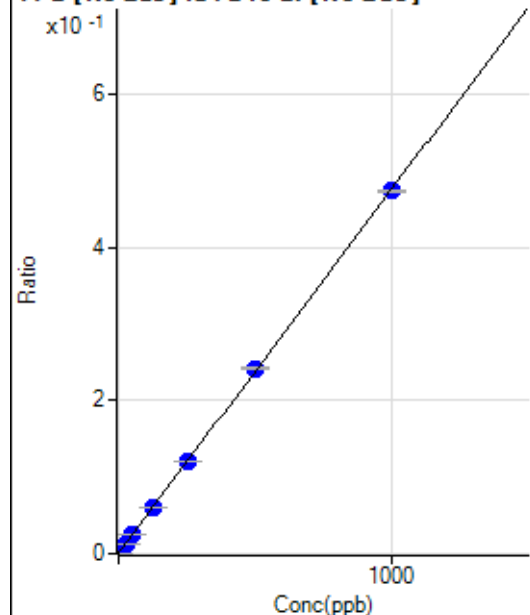
$$y = 1.1000\text{E-}004 * x + 1.7437\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.7036$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1238.99	0.0008	P	2.1
2	☐	2.500					
3	☐	25.000	22.961	17724.80	0.0118	P	2.4
4	☐	50.000	49.892	36102.37	0.0246	P	2.4
5	☐	125.000	124.324	84316.15	0.0599	P	0.3
6	☐	250.000	251.448	156499.88	0.1204	P	1.4
7	☐	500.000	507.353	307387.88	0.2420	P	0.9
8	☐	1000.000	996.102	568827.06	0.4744	P	0.5
9	☐			30064.25	0.0273	P	8.6

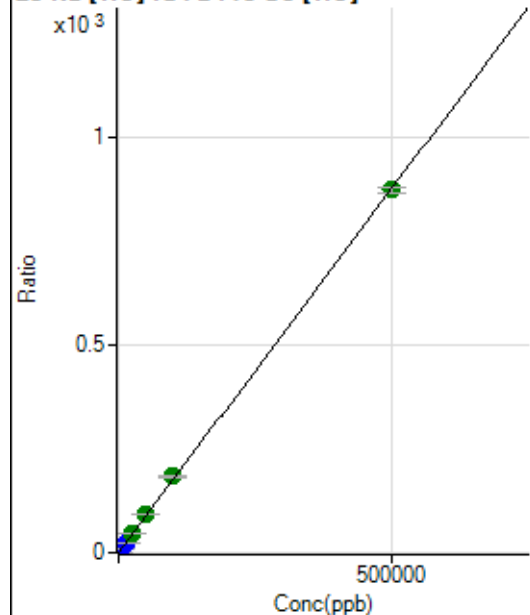
$$y = 4.7541\text{E-}004 * x + 8.3624\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1096$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1919.64	0.0202	P	5.8
2	☐	50.000					
3	☐	500.000	492.794	84239.12	0.8830	P	0.4
4	☐	5000.000	5285.187	854373.13	9.2739	P	1.6
5	☐	12500.000	13222.719	1962242.45	23.1715	P	0.7
6	☐	25000.000	26333.218	3679964.14	46.1262	A	0.5
7	☐	50000.000	52191.474	7193909.88	91.4006	A	0.6
8	☐	100000.00	105051.28	13482624.95	183.9511	A	1.6
9	☐	500000.00	498683.02	62401108.34	873.1481	A	1.3

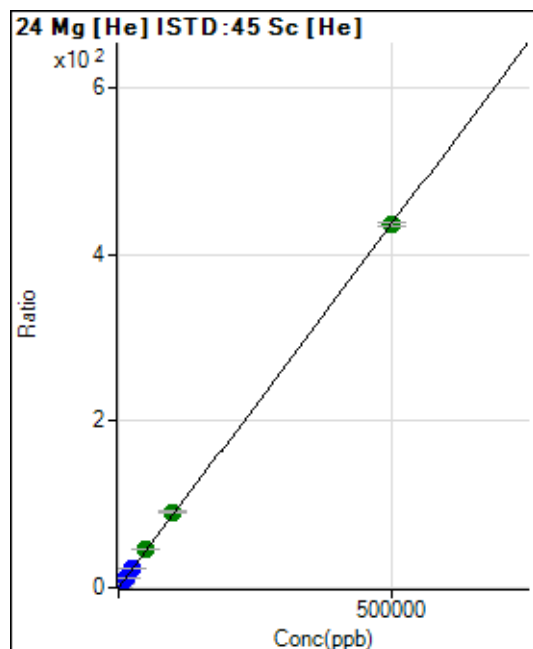
$$y = 0.0018 * x + 0.0202$$

$$R = 0.9999$$

$$DL = 2.022$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0012	P	37.8
2	☐	50.000					
3	☐	500.000	524.442	43806.75	0.4592	P	1.7
4	☐	5000.000	5430.907	437069.51	4.7441	P	1.2
5	☐	12500.000	13558.005	1002821.54	11.8416	P	0.5
6	☐	25000.000	26480.775	1845065.78	23.1272	P	0.5
7	☐	50000.000	51818.851	3561900.95	45.2552	A	0.8
8	☐	100000.00	103916.07	6651729.96	90.7523	A	1.6
9	☐	500000.00	498930.07	31140373.96	435.7226	A	1.1

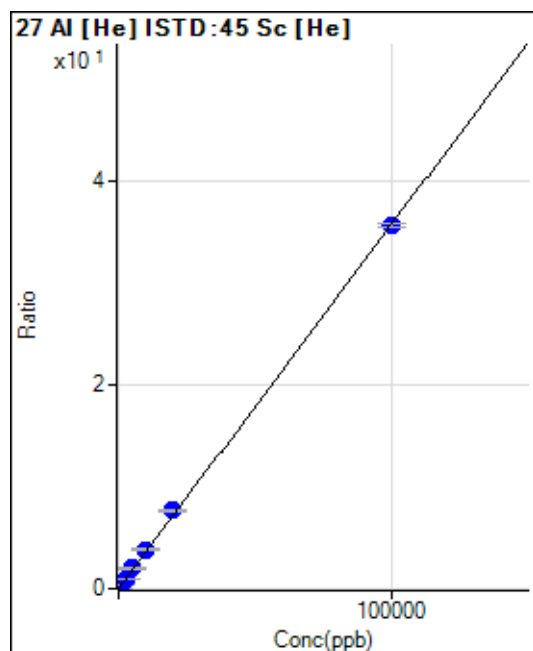
$$y = 8.7331\text{E-}004 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 1.56$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0002	P	132.
2	☐	2.000					
3	☐	20.000	19.044	666.71	0.0070	P	7.3
4	☐	1000.000	1101.645	36319.87	0.3942	P	0.9
5	☐	2500.000	2774.798	84066.51	0.9926	P	0.3
6	☐	5000.000	5544.297	158219.96	1.9832	P	0.4
7	☐	10000.000	10797.172	303974.38	3.8620	P	1.1
8	☐	20000.000	21456.928	562542.62	7.6748	P	1.1
9	☐	100000.00	99593.796	2545840.64	35.6223	P	1.2

$$y = 3.5767\text{E-}004 * x + 1.7619\text{E-}004$$

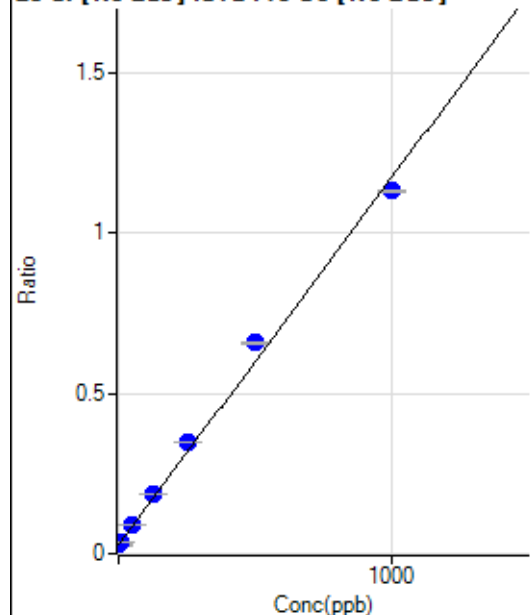
$$R = 0.9999$$

$$DL = 1.957$$

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	54912.50	0.0270	P	1.6
2	☐	1.000					
3	☐	10.000	8.323	74486.25	0.0365	P	0.8
4	☐	50.000	55.818	180281.04	0.0909	P	1.9
5	☐	125.000	139.753	355677.60	0.1869	P	1.4
6	☐	250.000	281.394	600579.81	0.3490	P	0.6
7	☐	500.000	551.016	1111926.33	0.6576	P	0.8
8	☐	1000.000	964.525	1805605.49	1.1308	P	0.8
9	☐			125811.79	0.0844	P	1.5

$$y = 0.0011 * x + 0.0270$$

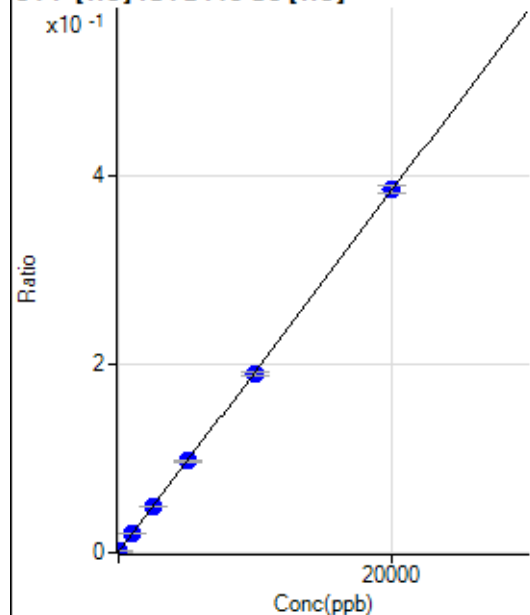
$$R = 0.9973$$

$$DL = 1.159$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-23.503	36.11	0.0004	P	35.1
2	☐	0.000					
3	☐	0.000	23.503	122.23	0.0013	P	31.9
4	☐	1000.000	1015.756	1869.64	0.0203	P	6.9
5	☐	2500.000	2527.695	4170.18	0.0492	P	2.5
6	☐	5000.000	5018.639	7732.85	0.0969	P	1.0
7	☐	10000.000	9871.785	14944.15	0.1899	P	1.3
8	☐	20000.000	20055.198	28205.20	0.3849	P	2.1
9	☐			58.33	0.0008	P	37.7

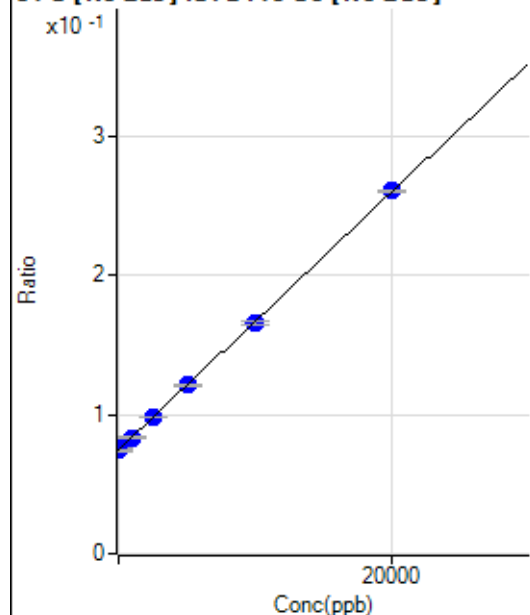
$$y = 1.9148E-005 * x + 8.3050E-004$$

$$R = 1.0000$$

$$DL = 42.48$$

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	78.692	153487.91	0.0754	P	0.7
2	☐	0.000					
3	☐	0.000	-78.692	150909.75	0.0740	P	0.9
4	☐	1000.000	949.138	165694.97	0.0835	P	0.7
5	☐	2500.000	2486.303	186032.91	0.0978	P	0.4
6	☐	5000.000	5008.880	208442.92	0.1211	P	0.5
7	☐	10000.000	9825.263	280287.90	0.1658	P	1.2
8	☐	20000.000	20089.404	416575.67	0.2609	P	0.6
9	☐			113530.53	0.0762	P	1.9

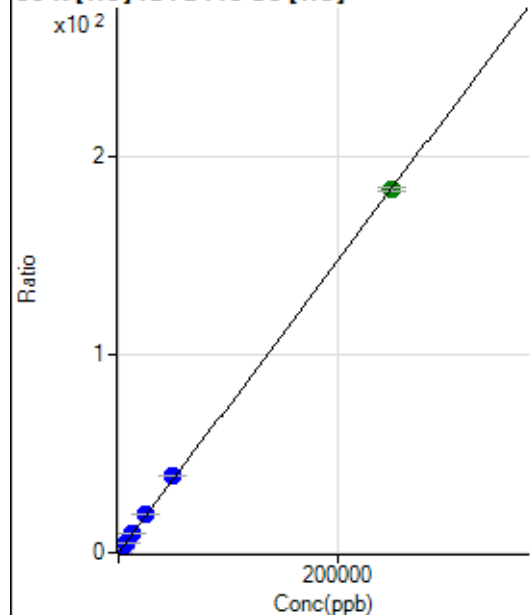
$$y = 9.2663\text{E-}006 * x + 0.0747$$

$$R = 0.9999$$

$$DL = 197$$

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	5195.58	0.0548	P	3.1
2	☐	50.000					
3	☐	500.000	509.512	40929.61	0.4290	P	1.8
4	☐	2500.000	2764.008	192114.35	2.0852	P	0.8
5	☐	6250.000	6968.453	438121.47	5.1737	P	0.9
6	☐	12500.000	13650.725	804371.82	10.0825	P	0.4
7	☐	25000.000	26628.812	1543960.83	19.6161	P	0.4
8	☐	50000.000	52588.586	2835512.04	38.6860	P	1.3
9	☐	250000.00	249241.24	13089096.13	183.1456	A	1.1

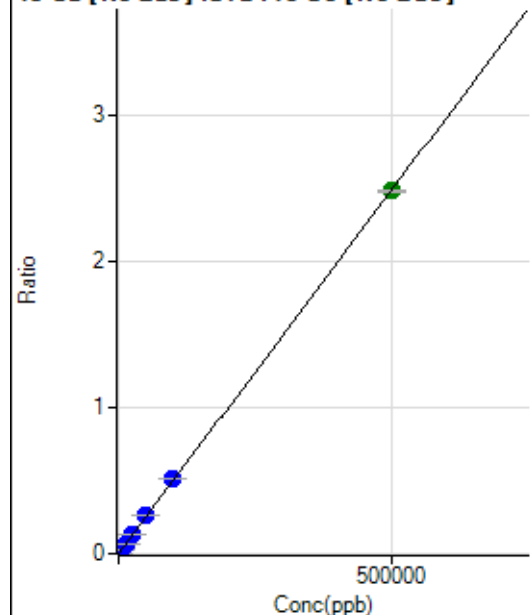
$$y = 7.3459\text{E-}004 * x + 0.0548$$

$$R = 0.9999$$

$$DL = 7.027$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	17.5
2	☐	50.000					
3	☐	500.000	471.011	4859.33	0.0024	P	3.3
4	☐	5000.000	5152.492	51013.80	0.0257	P	2.3
5	☐	12500.000	12964.979	123024.47	0.0646	P	0.7
6	☐	25000.000	26087.595	223770.28	0.1300	P	0.2
7	☐	50000.000	51817.363	436715.02	0.2583	P	0.7
8	☐	100000.00	102701.62	817329.02	0.5118	P	0.4
9	☐	500000.00	499210.43	3707330.21	2.4878	A	0.8

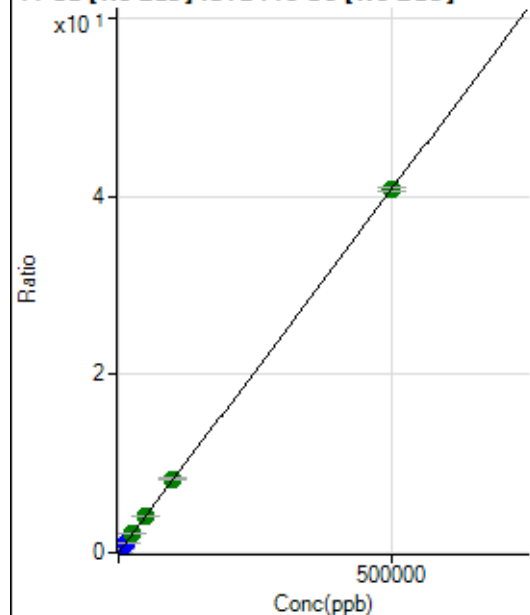
$$y = 4.9834\text{E-}006 * x + 3.5499\text{E-}005$$

$$R = 1.0000$$

$$DL = 3.744$$

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	1733.51	0.0009	P	8.0
2	☐	50.000					
3	☐	500.000	479.931	81594.23	0.0400	P	0.7
4	☐	5000.000	5110.855	828872.07	0.4178	P	0.6
5	☐	12500.000	12528.364	1946483.77	1.0229	P	0.4
6	☐	25000.000	25807.311	3624196.44	2.1061	A	0.1
7	☐	50000.000	50967.959	7032003.89	4.1586	A	0.9
8	☐	100000.00	101801.08	13262539.62	8.3054	A	0.5
9	☐	500000.00	499500.82	60723218.72	40.7484	A	0.9

$$y = 8.1577\text{E-}005 * x + 8.5212\text{E-}004$$

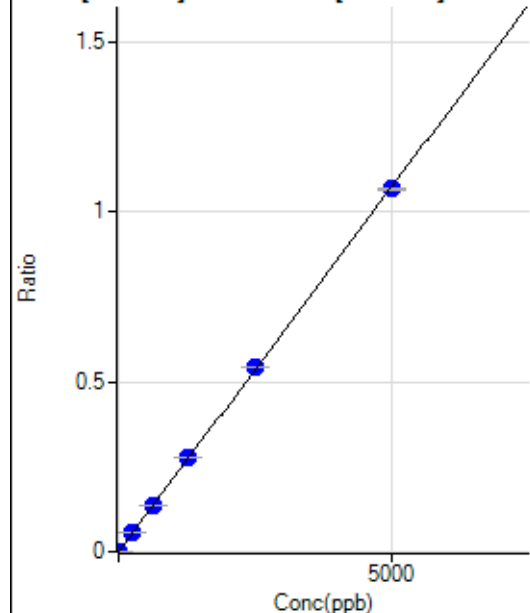
$$R = 1.0000$$

$$DL = 2.514$$

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	19.45	0.0000	P	24.6
2	☐	0.500					
3	☐	5.000	4.996	2203.03	0.0011	P	6.0
4	☐	250.000	256.841	109235.53	0.0551	P	1.3
5	☐	625.000	636.208	259493.09	0.1364	P	0.4
6	☐	1250.000	1289.426	475559.54	0.2764	P	0.4
7	☐	2500.000	2521.255	913746.68	0.5404	P	0.1
8	☐	5000.000	4977.773	1703751.27	1.0669	P	0.2
9	☐			505.59	0.0003	P	17.5

$$y = 2.1432\text{E-}004 * x + 9.5574\text{E-}006$$

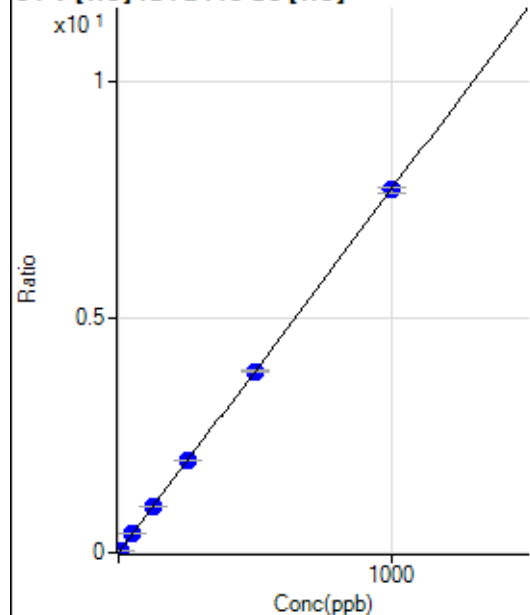
$$R = 1.0000$$

$$DL = 0.03292$$

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	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.103	3756.09	0.0394	P	2.9
4	☐	50.000	51.659	36728.03	0.3986	P	0.4
5	☐	125.000	129.132	84385.40	0.9964	P	0.5
6	☐	250.000	255.437	157252.97	1.9711	P	0.5
7	☐	500.000	499.905	303614.54	3.8575	P	0.4
8	☐	1000.000	998.088	564495.25	7.7017	P	1.5
9	☐			62.22	0.0009	P	4.9

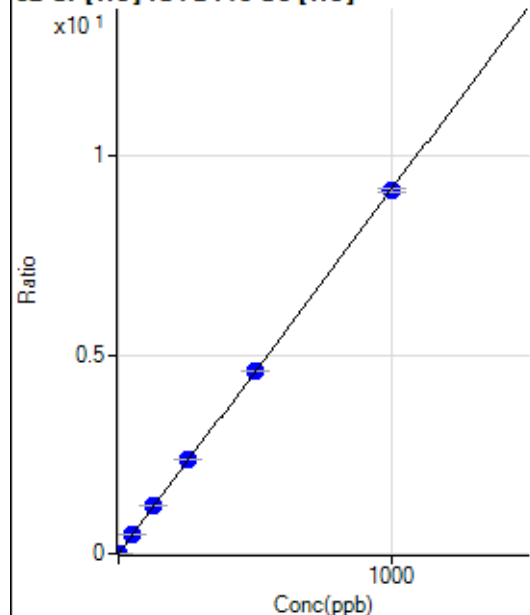
$$y = 0.0077 * x + 0.0000\text{E}+000$$

$$R = 1.0000$$

$$DL = 0$$

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	245.56	0.0026	P	7.0
2	☐	0.200					
3	☐	2.000	1.856	1867.92	0.0196	P	4.2
4	☐	50.000	52.037	44139.31	0.4790	P	0.2
5	☐	125.000	130.119	101112.71	1.1940	P	0.7
6	☐	250.000	258.540	189061.24	2.3698	P	0.5
7	☐	500.000	502.078	362030.50	4.5997	P	0.7
8	☐	1000.000	996.085	668696.57	9.1229	P	1.0
9	☐			2664.73	0.0373	P	3.6

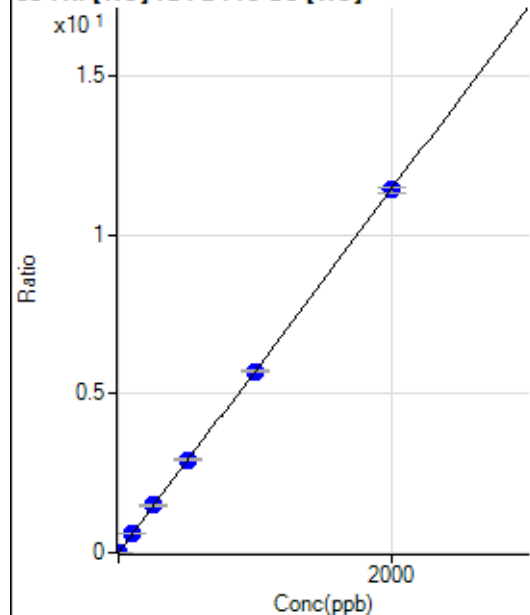
$$y = 0.0092 * x + 0.0026$$

$$R = 1.0000$$

$$DL = 0.05904$$

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	14.45	0.0002	P	48.2
2	☐	0.100					
3	☐	1.000	1.054	590.02	0.0062	P	2.3
4	☐	100.000	102.687	54138.10	0.5876	P	1.6
5	☐	250.000	259.892	125944.31	1.4870	P	0.9
6	☐	500.000	511.155	233315.52	2.9246	P	1.0
7	☐	1000.000	999.533	450105.86	5.7187	P	0.7
8	☐	2000.000	1996.074	837038.72	11.4201	P	1.3
9	☐			2866.99	0.0401	P	2.7

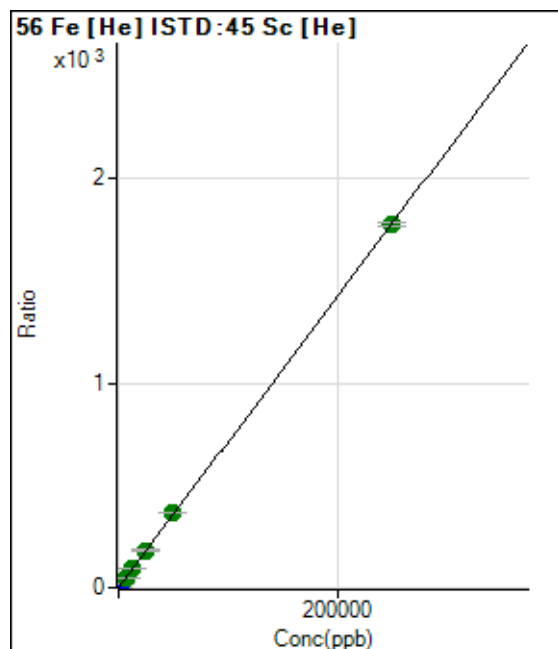
$$y = 0.0057 * x + 1.5242E-004$$

$$R = 1.0000$$

$$DL = 0.03856$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1011.17	0.0107	P	5.9
2	☐	5.000					
3	☐	50.000	54.592	37997.78	0.3983	P	2.2
4	☐	2500.000	2714.002	1776648.52	19.2834	P	0.7
5	☐	6250.000	6660.672	4006306.31	47.3097	A	0.9
6	☐	12500.000	13225.683	7493621.18	93.9294	A	0.3
7	☐	25000.000	25720.446	14376512.94	182.6577	A	0.9
8	☐	50000.000	51412.636	26760558.93	365.1040	A	1.4
9	☐	250000.00	249596.73	126674272.2	1,772.456	A	1.1

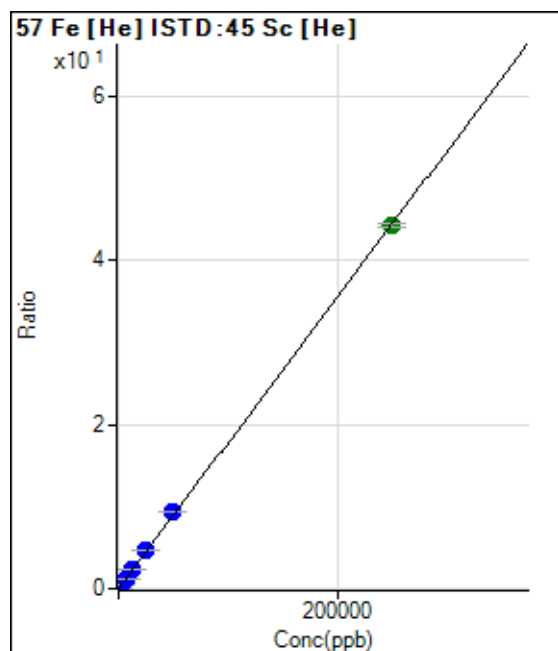
$$y = 0.0071 * x + 0.0107$$

$$R = 1.0000$$

$$DL = 0.2651$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0004	P	38.1
2	☐	5.000					
3	☐	50.000	55.530	977.84	0.0102	P	4.2
4	☐	2500.000	2764.255	45167.97	0.4902	P	0.7
5	☐	6250.000	6925.607	103956.90	1.2276	P	1.6
6	☐	12500.000	13755.863	194497.61	2.4379	P	0.3
7	☐	25000.000	26540.699	370190.22	4.7034	P	0.7
8	☐	50000.000	52672.208	684081.01	9.3338	P	1.8
9	☐	250000.00	249229.16	3156292.78	44.1632	A	1.1

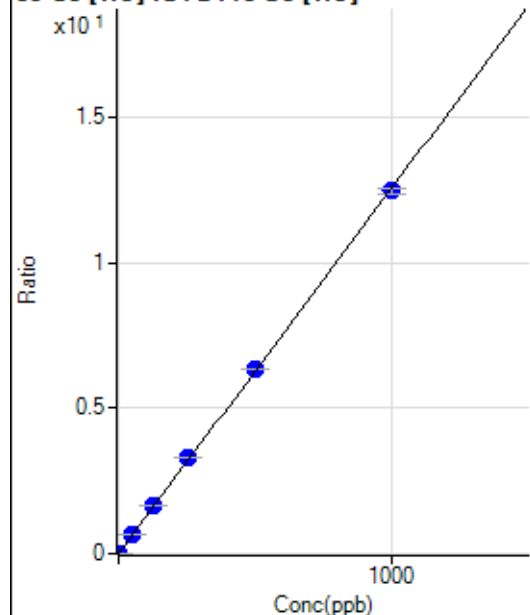
$$y = 1.7720E-004 * x + 4.1022E-004$$

$$R = 0.9999$$

$$DL = 2.649$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.33	0.0001	P	24.8
2	☐	0.100					
3	☐	1.000	1.030	1246.74	0.0131	P	5.4
4	☐	50.000	52.896	61174.72	0.6640	P	1.2
5	☐	125.000	132.626	140966.85	1.6646	P	0.8
6	☐	250.000	261.224	261562.53	3.2786	P	0.5
7	☐	500.000	505.467	499317.81	6.3439	P	0.5
8	☐	1000.000	993.362	913807.56	12.4672	P	1.2
9	☐			10123.64	0.1416	P	0.8

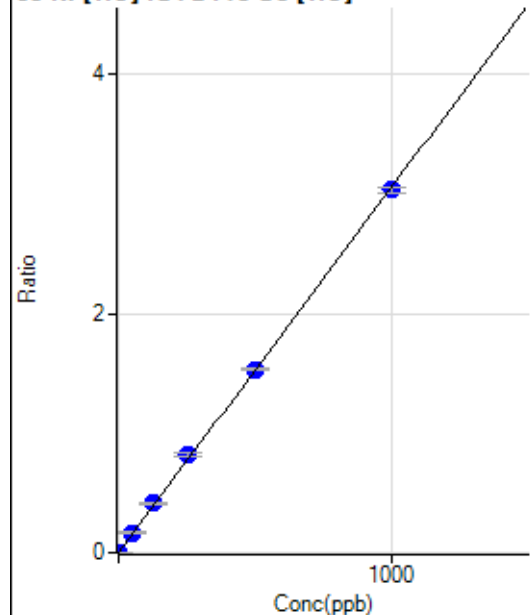
$$y = 0.0126 * x + 1.4049E-004$$

$$R = 0.9999$$

$$DL = 0.008339$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0003	P	27.5
2	☐	0.100					
3	☐	1.000	0.960	307.79	0.0032	P	3.8
4	☐	50.000	54.916	15489.46	0.1681	P	1.8
5	☐	125.000	135.614	35113.28	0.4147	P	2.2
6	☐	250.000	267.397	65207.49	0.8174	P	2.8
7	☐	500.000	502.125	120794.79	1.5347	P	0.9
8	☐	1000.000	993.016	222428.89	3.0347	P	1.4
9	☐			3772.77	0.0528	P	6.0

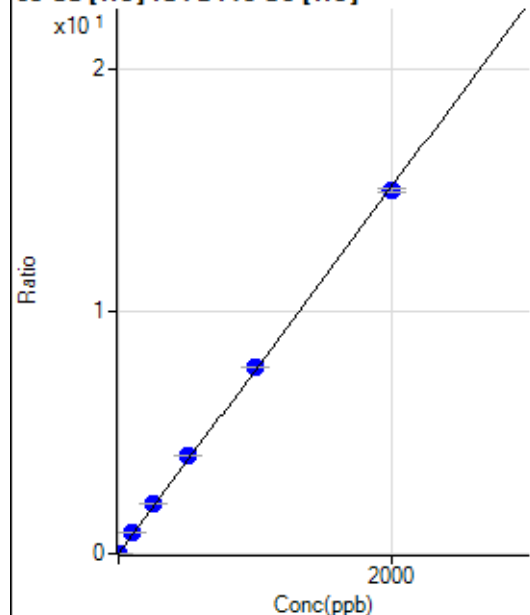
$$y = 0.0031 * x + 2.9264E-004$$

$$R = 0.9998$$

$$DL = 0.07887$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	148.88	0.0016	P	16.5
2	☐	0.200					
3	☐	2.000	2.172	1715.75	0.0180	P	3.3
4	☐	100.000	110.498	77104.03	0.8369	P	0.7
5	☐	250.000	273.016	174910.76	2.0654	P	0.7
6	☐	500.000	535.400	323000.37	4.0488	P	1.1
7	☐	1000.000	1019.465	606684.61	7.7079	P	0.3
8	☐	2000.000	1978.016	1096076.28	14.9538	P	1.1
9	☐			13689.16	0.1916	P	2.2

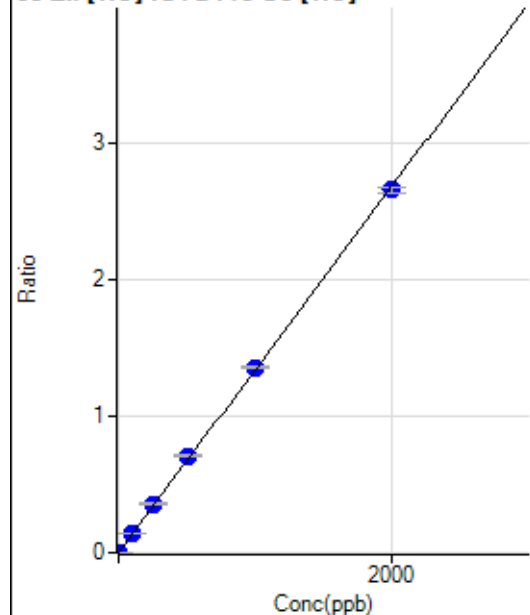
$$y = 0.0076 * x + 0.0016$$

$$R = 0.9997$$

$$DL = 0.103$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.67	0.0006	P	6.2
2	☐	0.200					
3	☐	2.000	1.945	305.56	0.0032	P	4.7
4	☐	100.000	107.555	13328.44	0.1447	P	0.9
5	☐	250.000	266.500	30278.24	0.3576	P	1.3
6	☐	500.000	530.320	56717.53	0.7109	P	1.0
7	☐	1000.000	1013.049	106849.40	1.3575	P	0.5
8	☐	2000.000	1983.455	194762.90	2.6574	P	1.7
9	☐			1441.21	0.0202	P	4.3

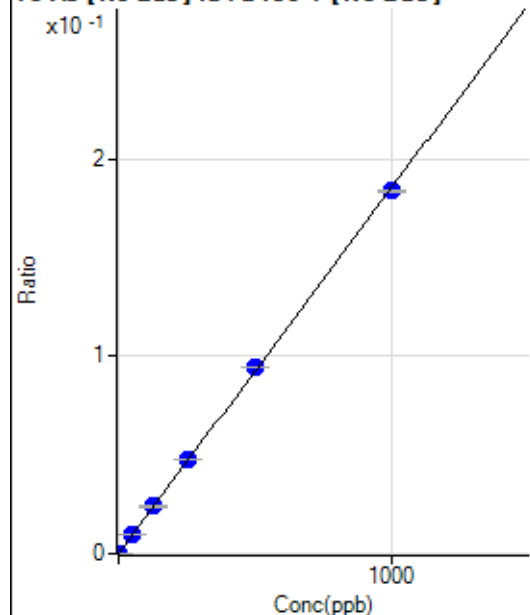
$$y = 0.0013 * x + 5.9737E-004$$

$$R = 0.9998$$

$$DL = 0.08317$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-126.07	0.0000	P	-40.
2	☐	0.100					
3	☐	1.000	1.276	519.38	0.0002	P	24.6
4	☐	50.000	53.651	26283.51	0.0099	P	2.3
5	☐	125.000	129.564	61918.85	0.0240	P	2.0
6	☐	250.000	258.260	115778.71	0.0478	P	1.5
7	☐	500.000	510.527	223955.34	0.0945	P	0.3
8	☐	1000.000	991.918	416626.92	0.1837	P	0.8
9	☐			453.17	0.0002	P	31.1

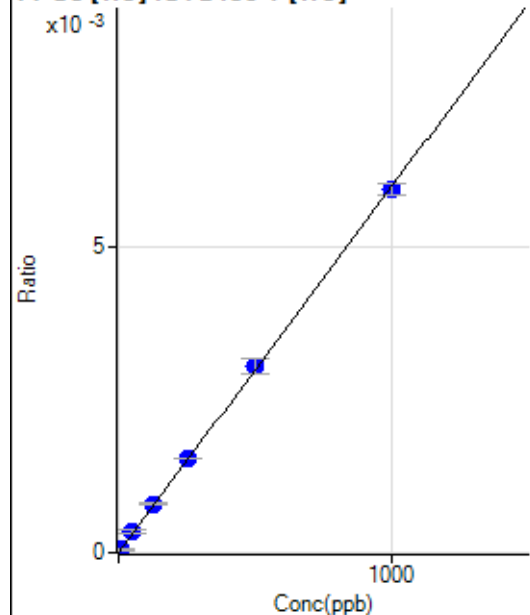
$$y = 1.8527E-004 * x - 4.6351E-005$$

$$R = 0.9999$$

$$DL = 0.3053$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	8.195	21.11	0.0000	P	9.3
4	☐	50.000	57.707	144.45	0.0003	P	10.1
5	☐	125.000	132.718	308.90	0.0008	P	3.1
6	☐	250.000	256.591	570.02	0.0015	P	1.3
7	☐	500.000	510.773	1111.17	0.0031	P	8.8
8	☐	1000.000	991.600	2059.07	0.0059	P	3.1
9	☐			0.00	0.0000	P	

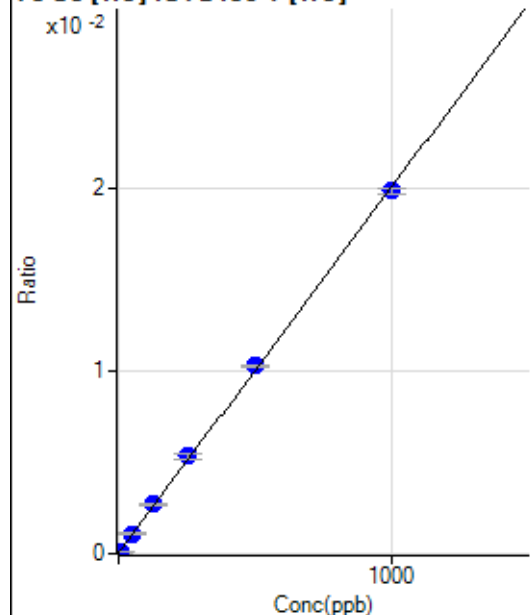
$$y = 5.9857E-006 * x + 0.0000E+000$$

$$R = 0.9999$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.05	0.0000	P	36.9
2	☐	0.500					
3	☐	5.000	5.210	61.11	0.0001	P	17.0
4	☐	50.000	52.729	458.04	0.0011	P	5.2
5	☐	125.000	133.001	1051.90	0.0027	P	1.2
6	☐	250.000	263.675	1976.70	0.0053	P	4.5
7	☐	500.000	510.925	3737.55	0.0103	P	1.1
8	☐	1000.000	989.981	6900.46	0.0199	P	1.8
9	☐			13.58	0.0000	P	44.7

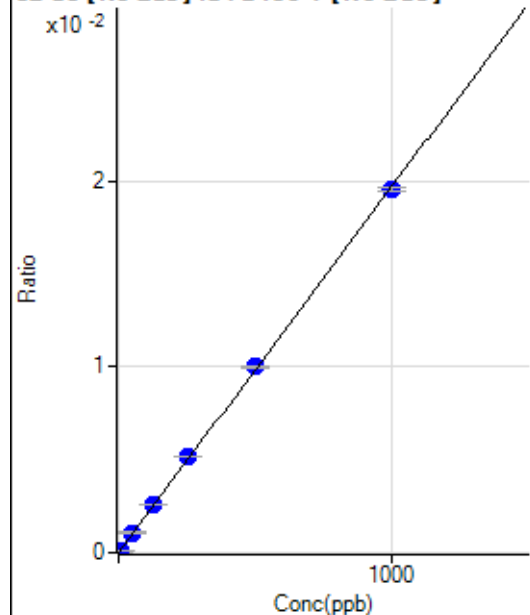
$$y = 2.0059\text{E-}005 * x + 3.7503\text{E-}005$$

$$R = 0.9998$$

$$DL = 2.071$$

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	6.83	0.0000	P	144.
2	☐	0.500					
3	☐	5.000	4.952	273.63	0.0001	P	6.3
4	☐	50.000	54.352	2850.68	0.0011	P	3.7
5	☐	125.000	130.950	6671.76	0.0026	P	0.9
6	☐	250.000	260.825	12447.03	0.0051	P	0.1
7	☐	500.000	508.542	23730.77	0.0100	P	1.3
8	☐	1000.000	992.062	44312.54	0.0195	P	1.0
9	☐			14.56	0.0000	P	138.

$$y = 1.9693\text{E-}005 * x + 2.5102\text{E-}006$$

$$R = 0.9999$$

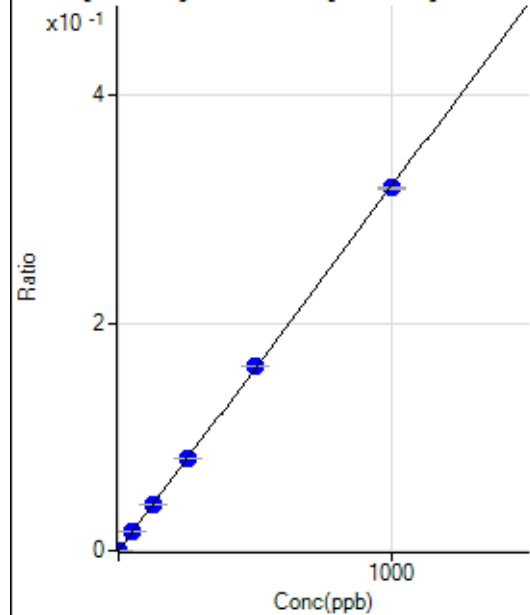
$$DL = 0.5531$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.00		P	14.4
2	☐						
3	☐			81.11		P	15.6
4	☐			64.45		P	26.0
5	☐			72.22		P	9.6
6	☐			52.22		P	13.3
7	☐			67.78		P	10.2
8	☐			60.00		P	14.7
9	☐			75.56		P	34.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.56	0.0000	P	39.1
2	☐	0.100					
3	☐	1.000	1.028	1005.64	0.0004	P	13.1
4	☐	50.000	51.345	43750.89	0.0165	P	0.7
5	☐	125.000	126.521	104729.75	0.0405	P	0.3
6	☐	250.000	253.374	196452.37	0.0811	P	1.3
7	☐	500.000	507.463	384742.11	0.1624	P	0.4
8	☐	1000.000	995.168	722185.92	0.3185	P	0.3
9	☐			2739.27	0.0013	P	11.0

$$y = 3.1997\text{E-}004 * x + 3.8856\text{E-}005$$

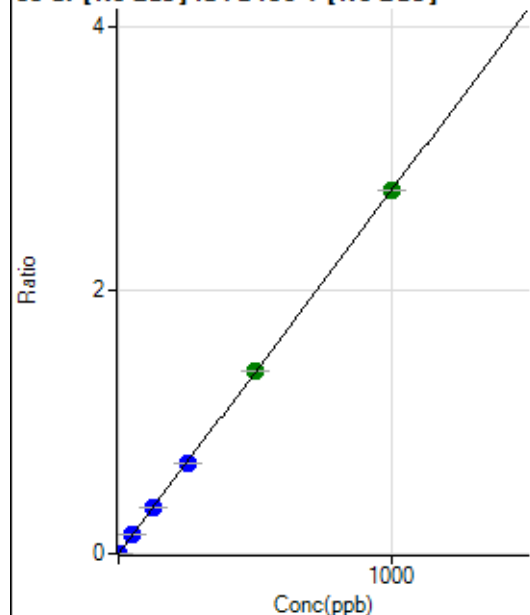
$$R = 1.0000$$

$$DL = 0.1425$$

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	52.78	0.0000	P	59.9
2	☐	0.100					
3	☐	1.000	0.927	7052.03	0.0026	P	3.5
4	☐	50.000	51.052	374630.61	0.1410	P	0.2
5	☐	125.000	126.123	900318.87	0.3483	P	0.4
6	☐	250.000	249.987	1672233.86	0.6904	P	0.5
7	☐	500.000	501.453	3280761.32	1.3849	A	0.2
8	☐	1000.000	999.084	6257388.12	2.7592	A	0.1
9	☐			22924.62	0.0109	P	0.7

$$y = 0.0028 * x + 1.9430E-005$$

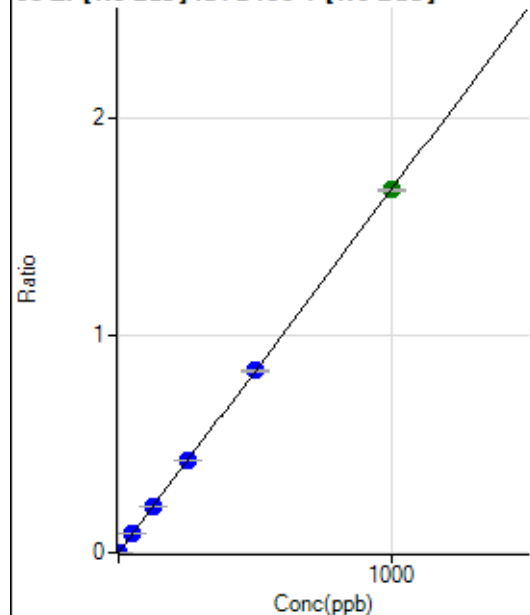
$$R = 1.0000$$

$$DL = 0.01264$$

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	213.90	0.0001	P	16.1
2	☐	0.100					
3	☐	1.000	0.922	4437.00	0.0016	P	6.3
4	☐	50.000	51.511	229270.09	0.0863	P	0.7
5	☐	125.000	126.865	549025.60	0.2124	P	0.6
6	☐	250.000	254.586	1032266.39	0.4262	P	0.5
7	☐	500.000	500.314	1983955.02	0.8375	P	0.5
8	☐	1000.000	998.388	3789826.73	1.6711	A	0.3
9	☐			1000.08	0.0005	P	13.2

$$y = 0.0017 * x + 7.8714E-005$$

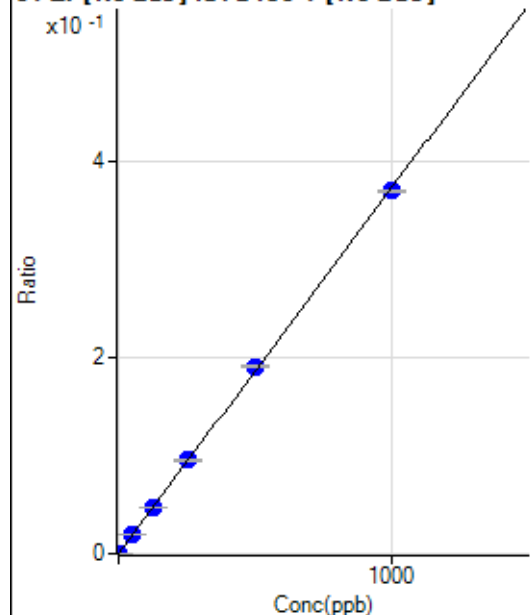
$$R = 1.0000$$

$$DL = 0.02266$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	32.7
2	☐	0.100					
3	☐	1.000	0.974	1030.64	0.0004	P	14.4
4	☐	50.000	50.846	50322.87	0.0189	P	1.2
5	☐	125.000	127.643	122854.31	0.0475	P	1.2
6	☐	250.000	255.571	230469.08	0.0952	P	0.8
7	☐	500.000	511.832	451403.73	0.1905	P	0.5
8	☐	1000.000	992.319	837804.10	0.3694	P	0.7
9	☐			141.67	0.0001	P	14.5

$$y = 3.7226\text{E-}004 * x + 1.4308\text{E-}005$$

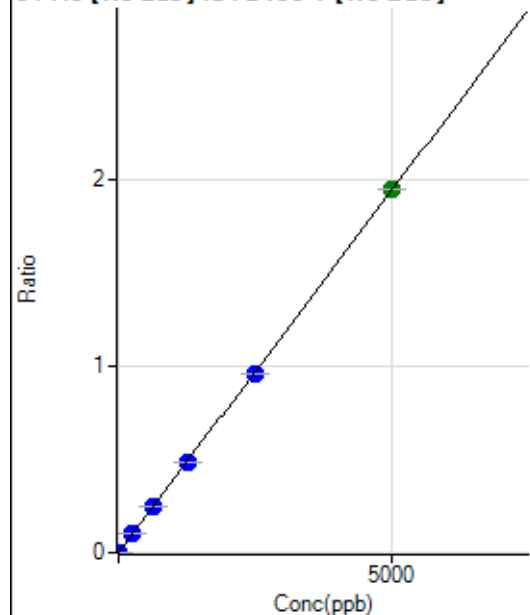
$$R = 0.9999$$

$$DL = 0.03771$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	19.0
2	☐	0.500					
3	☐	5.000	4.890	5262.33	0.0019	P	6.0
4	☐	250.000	254.632	262491.46	0.0988	P	0.6
5	☐	625.000	628.391	630109.27	0.2438	P	0.5
6	☐	1250.000	1250.843	1175297.13	0.4852	P	0.9
7	☐	2500.000	2472.966	2272598.81	0.9593	P	0.3
8	☐	5000.000	5012.651	4409720.80	1.9445	A	0.1
9	☐			1325.13	0.0006	P	7.8

$$y = 3.8791\text{E-}004 * x + 2.7586\text{E-}005$$

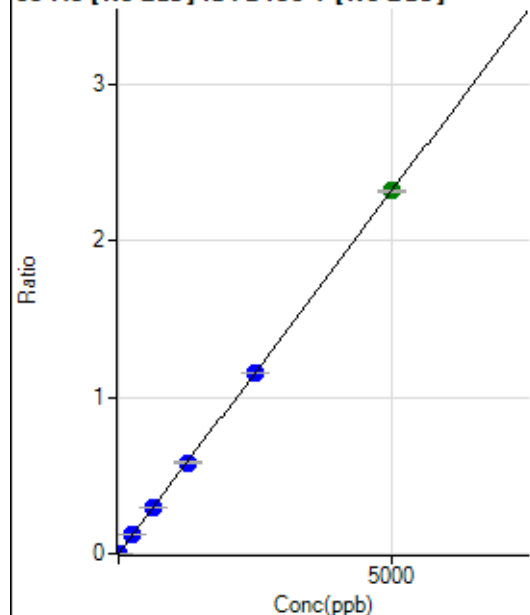
$$R = 1.0000$$

$$DL = 0.04063$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.55	0.0000	P	15.5
2	☐	0.500					
3	☐	5.000	5.118	6521.20	0.0024	P	1.4
4	☐	250.000	259.027	319191.78	0.1201	P	0.3
5	☐	625.000	635.619	761962.46	0.2948	P	0.8
6	☐	1250.000	1258.349	1413542.34	0.5836	P	0.3
7	☐	2500.000	2482.424	2727401.73	1.1513	P	0.1
8	☐	5000.000	5004.922	5263900.34	2.3212	A	0.5
9	☐			1827.96	0.0009	P	4.8

$$y = 4.6378E-004 * x + 1.1236E-005$$

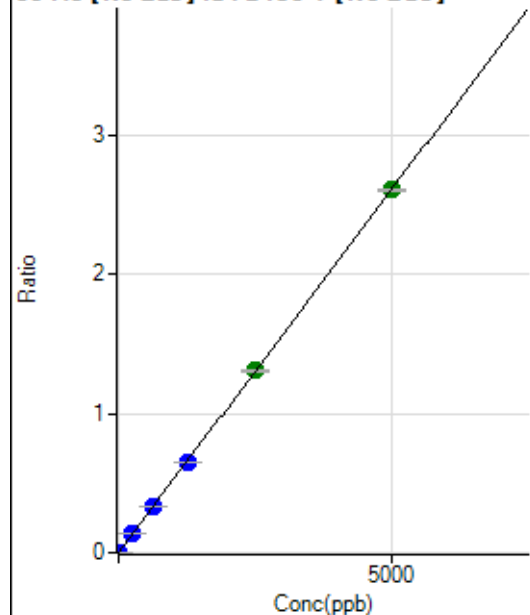
$$R = 1.0000$$

$$DL = 0.01124$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.22	0.0000	P	54.2
2	☐	0.500					
3	☐	5.000	4.801	6893.61	0.0025	P	4.6
4	☐	250.000	255.630	354135.96	0.1333	P	0.7
5	☐	625.000	630.373	849500.72	0.3287	P	0.6
6	☐	1250.000	1244.628	1571764.61	0.6489	P	0.9
7	☐	2500.000	2505.774	3094969.99	1.3065	A	0.2
8	☐	5000.000	4997.503	5908865.54	2.6056	A	0.4
9	☐			2341.96	0.0011	P	5.7

$$y = 5.2138E-004 * x + 1.7392E-005$$

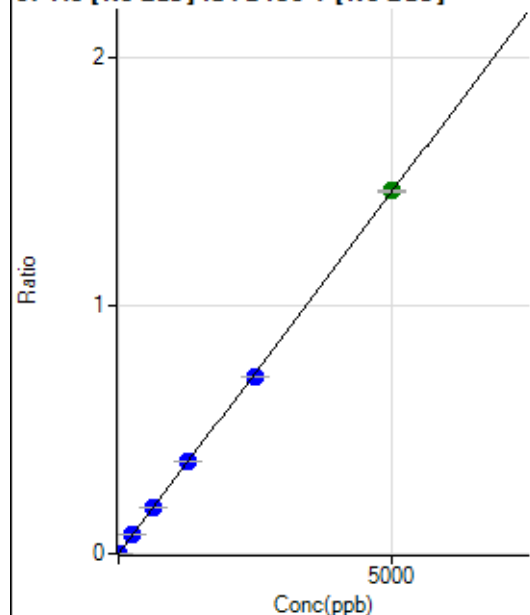
$$R = 1.0000$$

$$DL = 0.05427$$

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	11.11	0.0000	P	114.
2	☐	0.500					
3	☐	5.000	5.296	4239.69	0.0016	P	6.8
4	☐	250.000	257.594	199817.56	0.0752	P	0.7
5	☐	625.000	631.230	476350.08	0.1843	P	0.6
6	☐	1250.000	1265.478	894895.27	0.3695	P	0.3
7	☐	2500.000	2454.010	1697309.95	0.7165	P	0.3
8	☐	5000.000	5017.966	3322554.74	1.4651	A	0.7
9	☐			988.97	0.0005	P	10.2

$$y = 2.9196\text{E-}004 * x + 4.0792\text{E-}006$$

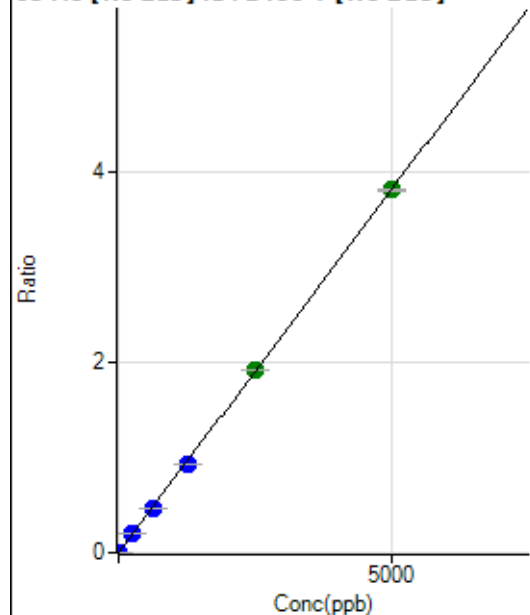
$$R = 0.9999$$

$$DL = 0.04802$$

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	34.7
2	☐	0.500					
3	☐	5.000	4.921	10270.76	0.0038	P	3.1
4	☐	250.000	252.316	510229.44	0.1920	P	0.4
5	☐	625.000	621.264	1222146.03	0.4729	P	0.2
6	☐	1250.000	1226.882	2261700.44	0.9338	P	0.8
7	☐	2500.000	2513.956	4532718.16	1.9134	A	0.1
8	☐	5000.000	4999.153	8629026.41	3.8049	A	0.6
9	☐			2639.24	0.0013	P	8.0

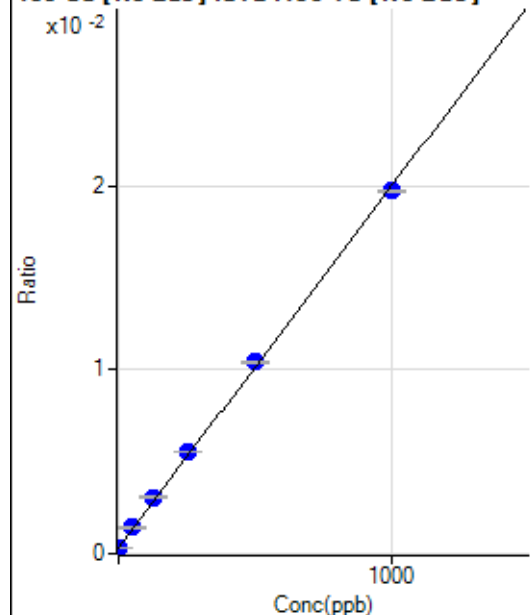
$$y = 7.6110\text{E-}004 * x + 1.0223\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01399$$

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	1130.65	0.0003	P	7.5
2	☐	0.100					
3	☐	1.000	-0.146	1113.98	0.0003	P	4.2
4	☐	50.000	56.552	4953.82	0.0014	P	4.5
5	☐	125.000	139.474	10470.95	0.0031	P	4.7
6	☐	250.000	265.474	18384.82	0.0055	P	1.4
7	☐	500.000	513.518	34651.60	0.0104	P	1.6
8	☐	1000.000	987.237	64327.56	0.0197	P	0.8
9	☐			822.28	0.0003	P	9.9

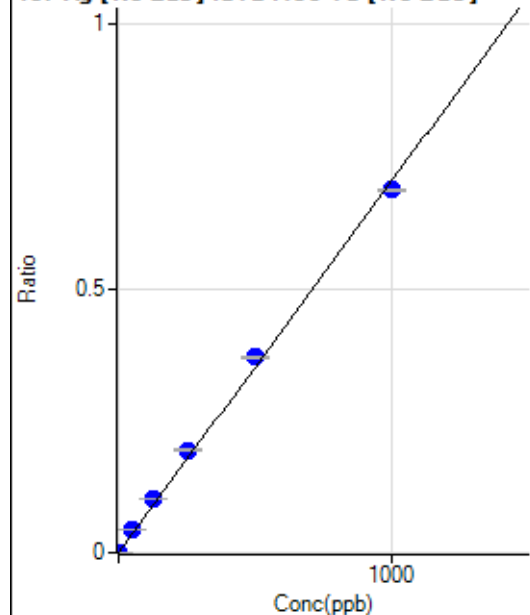
$$y = 1.9661\text{E-}005 * x + 3.2155\text{E-}004$$

$$R = 0.9997$$

$$DL = 3.67$$

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	27.78	0.0000	P	62.1
2	☐	0.100					
3	☐	1.000	1.083	2689.26	0.0008	P	9.5
4	☐	50.000	60.500	147131.57	0.0426	P	1.0
5	☐	125.000	144.959	348579.49	0.1020	P	1.1
6	☐	250.000	275.299	642638.00	0.1937	P	1.3
7	☐	500.000	527.583	1234601.65	0.3712	P	1.1
8	☐	1000.000	976.864	2240666.41	0.6873	P	0.3
9	☐			158.34	0.0001	P	40.2

$$y = 7.0352\text{E-}004 * x + 7.8746\text{E-}006$$

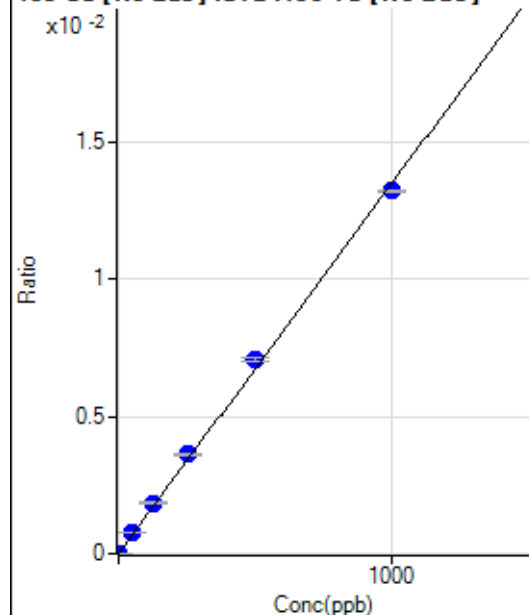
$$R = 0.9990$$

$$DL = 0.02086$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.17	0.0000	P	0.8
2	☐	0.100					
3	☐	1.000	0.706	37.50	0.0000	P	32.4
4	☐	50.000	57.719	2691.98	0.0008	P	5.3
5	☐	125.000	137.612	6341.84	0.0019	P	1.4
6	☐	250.000	268.048	11990.01	0.0036	P	0.9
7	☐	500.000	524.423	23510.06	0.0071	P	2.3
8	☐	1000.000	981.314	43118.29	0.0132	P	0.3
9	☐			11.11	0.0000	P	21.0

$$y = 1.3475\text{E-}005 * x + 1.1862\text{E-}006$$

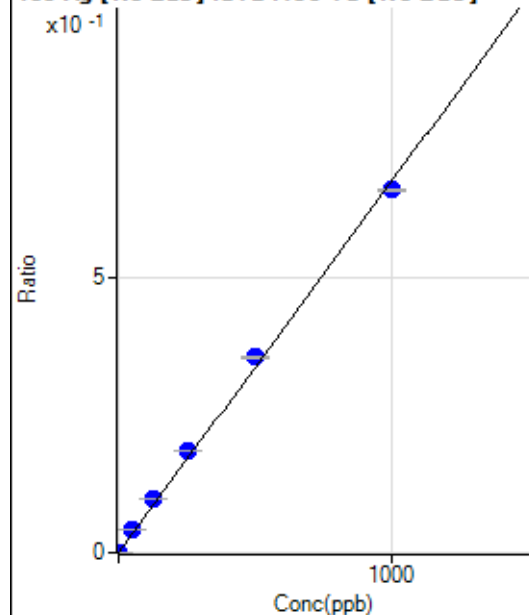
$$R = 0.9993$$

$$DL = 0.002221$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	42.9
2	☐	0.100					
3	☐	1.000	1.117	2650.36	0.0008	P	4.2
4	☐	50.000	59.774	139661.70	0.0404	P	0.6
5	☐	125.000	143.875	332403.48	0.0973	P	1.4
6	☐	250.000	275.132	617073.97	0.1860	P	1.4
7	☐	500.000	526.483	1183750.14	0.3559	P	0.2
8	☐	1000.000	977.627	2154607.71	0.6608	P	0.3
9	☐			105.56	0.0000	P	19.0

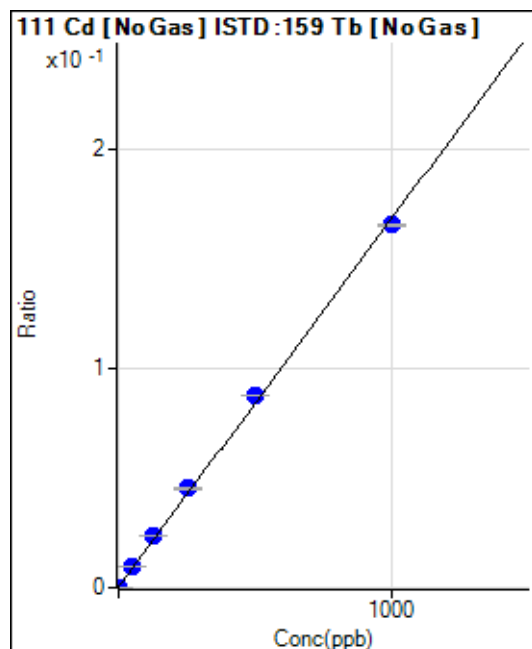
$$y = 6.7596\text{E-}004 * x + 3.1569\text{E-}006$$

$$R = 0.9990$$

$$DL = 0.006011$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	788.54	0.0002	P	7.5
2	☐	0.100					
3	☐	1.000	1.102	1431.35	0.0004	P	2.4
4	☐	50.000	56.116	33377.60	0.0097	P	1.6
5	☐	125.000	139.218	80751.89	0.0236	P	1.7
6	☐	250.000	268.219	150342.40	0.0453	P	0.8
7	☐	500.000	519.472	291195.24	0.0875	P	0.2
8	☐	1000.000	983.626	539816.06	0.1656	P	0.2
9	☐			608.10	0.0002	P	10.6

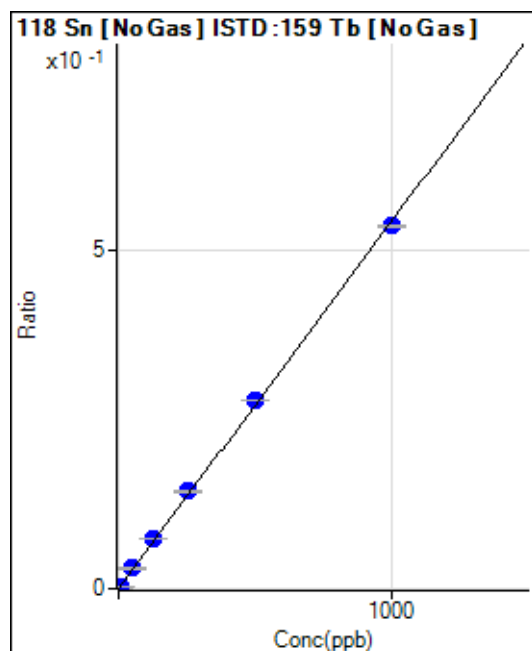
$$y = 1.6810\text{E-}004 * x + 2.2426\text{E-}004$$

$$R = 0.9995$$

$$DL = 0.3006$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	219.46	0.0001	P	29.3
2	☐	0.500					
3	☐	5.000	5.274	10223.52	0.0029	P	2.3
4	☐	50.000	54.940	103306.42	0.0299	P	1.1
5	☐	125.000	135.180	251043.38	0.0735	P	1.1
6	☐	250.000	264.634	476904.05	0.1437	P	1.3
7	☐	500.000	513.432	927366.49	0.2788	P	0.2
8	☐	1000.000	988.105	1749207.48	0.5365	P	0.3
9	☐			633.38	0.0002	P	21.1

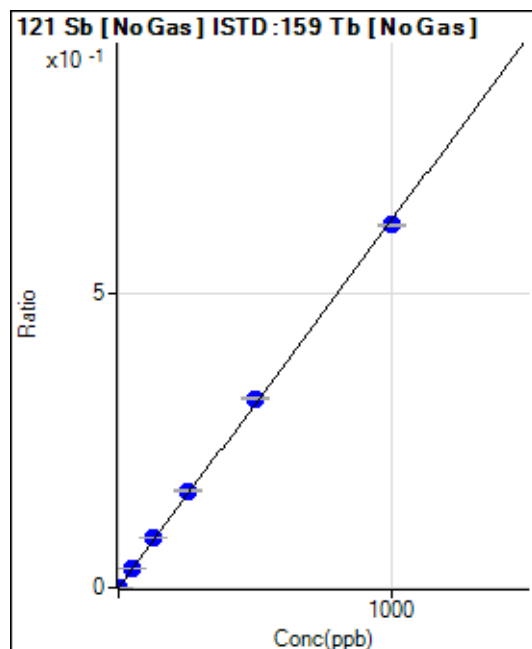
$$y = 5.4290\text{E-}004 * x + 6.2519\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.1012$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	57.4
2	☐	0.200					
3	☐	2.000	2.030	4459.25	0.0013	P	4.5
4	☐	50.000	54.311	117362.37	0.0340	P	0.4
5	☐	125.000	134.493	287358.40	0.0841	P	1.1
6	☐	250.000	263.985	547543.80	0.1650	P	1.2
7	☐	500.000	514.624	1070042.56	0.3217	P	0.6
8	☐	1000.000	987.789	2013174.81	0.6175	P	0.5
9	☐			2486.45	0.0008	P	5.9

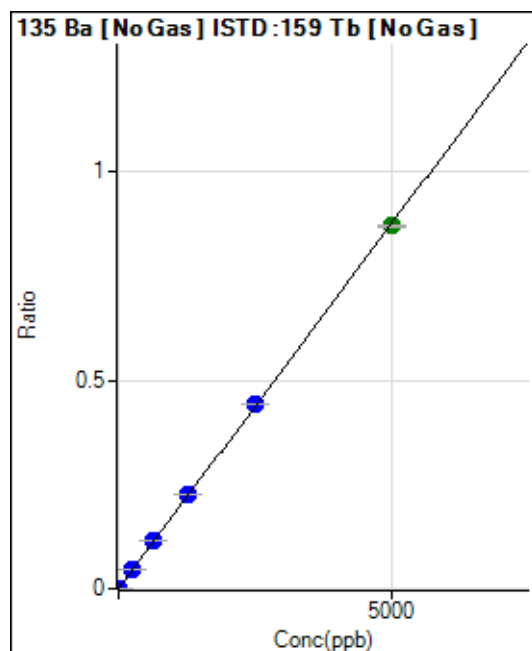
$$y = 6.2510\text{E-}004 * x + 7.0878\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.01951$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	114.
2	☐	1.000					
3	☐	10.000	10.114	6198.87	0.0018	P	1.9
4	☐	250.000	267.760	162022.36	0.0469	P	0.6
5	☐	625.000	655.549	392249.04	0.1148	P	1.0
6	☐	1250.000	1293.866	751556.01	0.2265	P	1.2
7	☐	2500.000	2525.085	1470372.43	0.4421	P	0.7
8	☐	5000.000	4971.784	2837683.27	0.8704	A	0.6
9	☐			208.34	0.0001	P	16.6

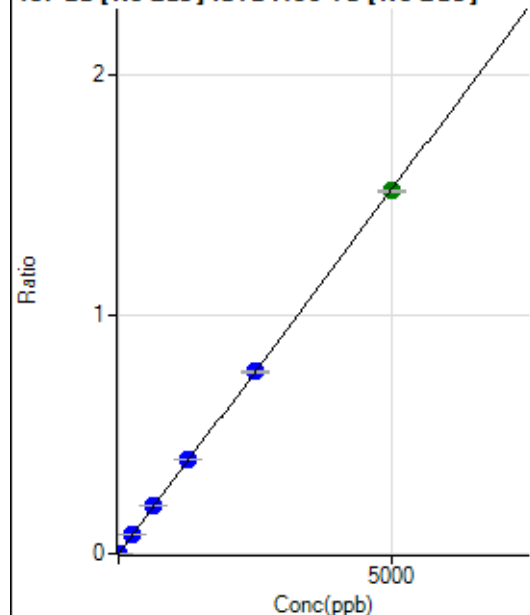
$$y = 1.7506\text{E-}004 * x + 3.1456\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.06178$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	34.1
2	☐	1.000					
3	☐	10.000	10.166	10851.91	0.0031	P	4.5
4	☐	250.000	269.610	283926.98	0.0821	P	0.7
5	☐	625.000	660.546	687853.01	0.2013	P	0.5
6	☐	1250.000	1288.968	1303006.78	0.3927	P	1.2
7	☐	2500.000	2502.208	2535730.31	0.7623	P	0.6
8	☐	5000.000	4983.730	4950158.92	1.5184	A	0.7
9	☐			375.02	0.0001	P	13.6

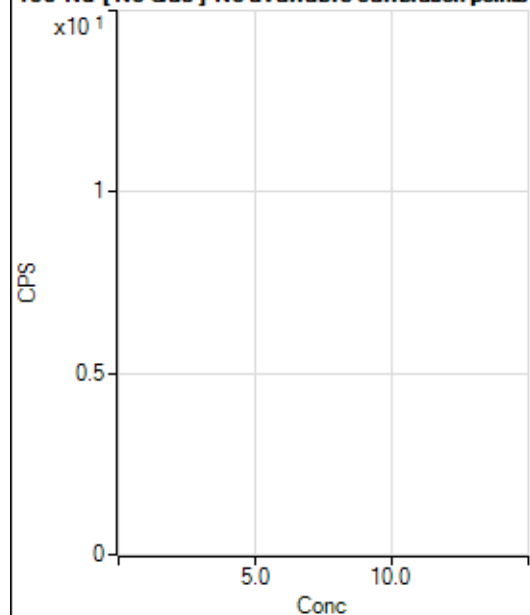
$$y = 3.0467\text{E-}004 * x + 7.1230\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.0239$$

Weight: <None>

Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			0.00		P	
4	☐			13.33		P	100.
5	☐			33.33		P	20.0
6	☐			64.45		P	26.0
7	☐			137.78		P	60.1
8	☐			282.23		P	3.6
9	☐			37.78		P	27.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			3.33		P	100.
6	☐			6.67		P	0.0
7	☐			11.11		P	45.8
8	☐			21.11		P	24.1
9	☐			18.89		P	27.0

156 Dy [No Gas] No available calibration points

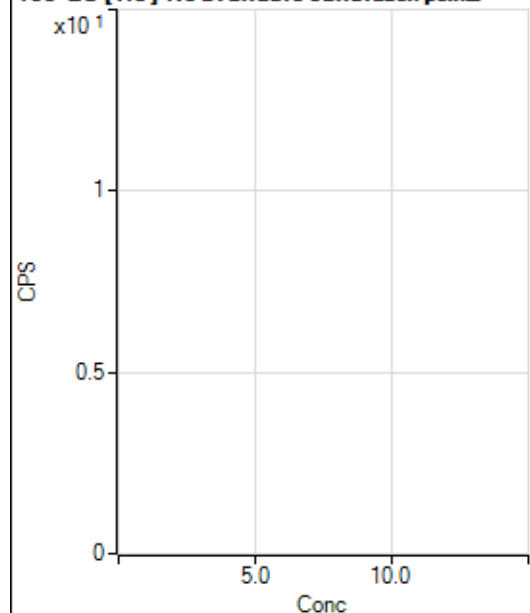
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			5.55		P	86.6
5	☐			8.33		P	100.
6	☐			8.33		P	100.
7	☐			25.00		P	33.3
8	☐			52.78		P	50.8
9	☐			13.89		P	124.

156 Dy [He] No available calibration points

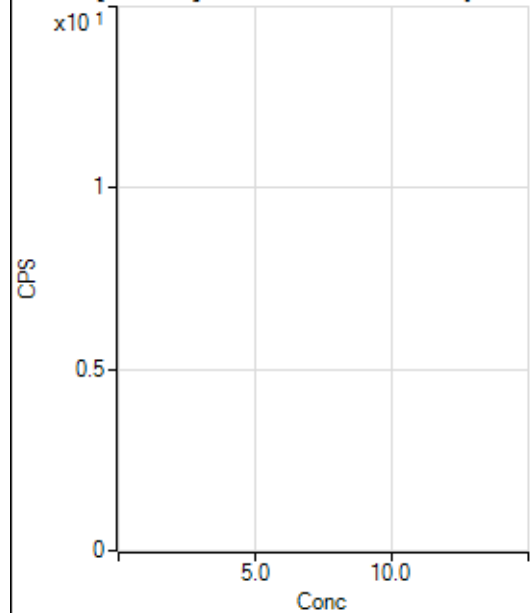
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			5.55		P	124.
5	☐			10.00		P	33.3
6	☐			15.56		P	12.4
7	☐			38.89		P	4.9
8	☐			54.44		P	31.4
9	☐			12.22		P	15.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			13.89		P	69.3
4	☐			5.55		P	86.6
5	☐			16.67		P	86.6
6	☐			0.00		P	
7	☐			25.00		P	57.7
8	☐			13.89		P	34.7
9	☐			33.33		P	43.3

160 Gd [He] No available calibration points

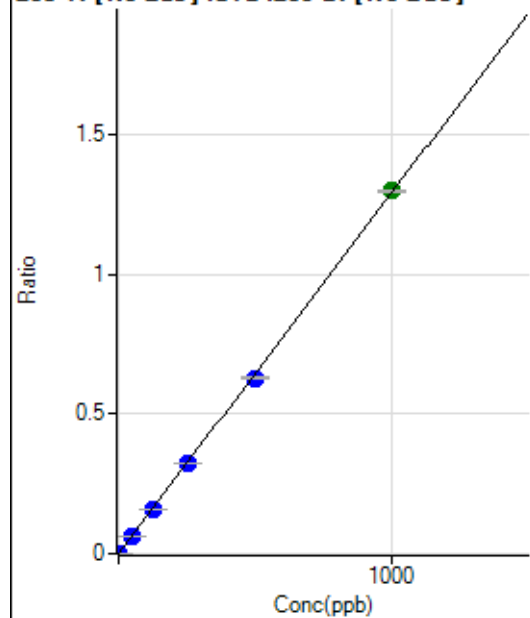
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.67		P	32.8
2	☐						
3	☐			43.33		P	15.4
4	☐			54.44		P	9.4
5	☐			53.33		P	18.8
6	☐			38.89		P	26.2
7	☐			37.78		P	22.2
8	☐			43.33		P	7.7
9	☐			47.78		P	22.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			8.33		P	100.
4	☐			13.89		P	69.3
5	☐			11.11		P	114.
6	☐			11.11		P	43.3
7	☐			22.22		P	21.6
8	☐			16.66		P	86.6
9	☐			22.22		P	43.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			3.33		P	100.
4	☐			8.89		P	108.
5	☐			6.67		P	0.0
6	☐			6.67		P	50.0
7	☐			3.33		P	173.
8	☐			4.44		P	114.
9	☐			11.11		P	62.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	43.5
2	☐	0.100					
3	☐	1.000	0.895	2617.04	0.0012	P	1.7
4	☐	50.000	49.738	142578.80	0.0641	P	0.9
5	☐	125.000	123.300	352521.81	0.1590	P	0.7
6	☐	250.000	249.555	690952.19	0.3218	P	0.2
7	☐	500.000	487.569	1352967.30	0.6286	P	0.8
8	☐	1000.000	1006.553	2665568.92	1.2978	A	0.2
9	☐			361.13	0.0002	P	24.9

$$y = 0.0013 * x + 9.8238E-006$$

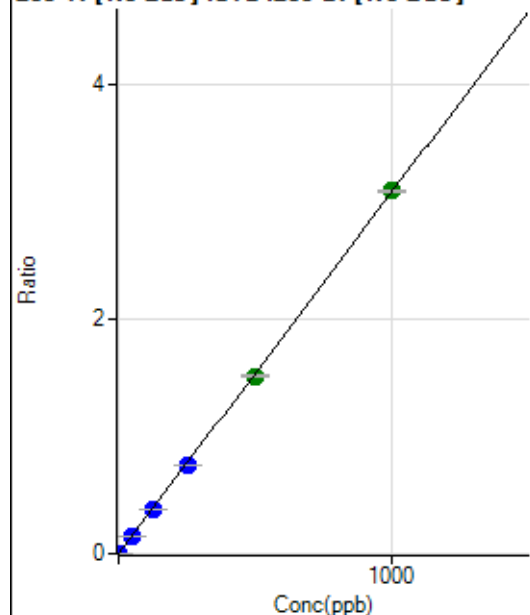
$$R = 0.9999$$

$$DL = 0.009936$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	60.6
2	☐	0.100					
3	☐	1.000	0.911	6376.84	0.0028	P	1.8
4	☐	50.000	49.773	340883.73	0.1533	P	0.6
5	☐	125.000	123.563	844035.24	0.3807	P	0.6
6	☐	250.000	246.866	1633022.86	0.7605	P	0.3
7	☐	500.000	492.122	3262640.74	1.5160	A	0.8
8	☐	1000.000	1004.913	6357790.24	3.0955	A	0.7
9	☐			883.40	0.0005	P	21.5

$$y = 0.0031 * x + 3.0740E-005$$

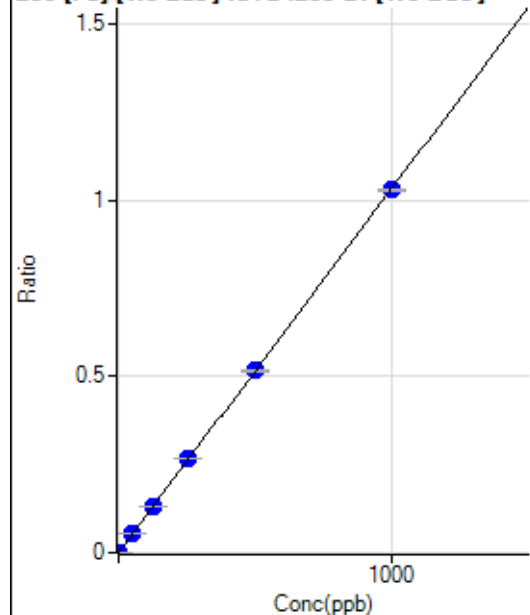
$$R = 0.9999$$

$$DL = 0.01814$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	166.67	0.0001	P	46.3
2	☐	0.100					
3	☐	1.000	0.985	2454.00	0.0011	P	2.8
4	☐	50.000	51.804	119188.87	0.0536	P	1.5
5	☐	125.000	128.014	293555.97	0.1324	P	0.6
6	☐	250.000	257.628	571961.85	0.2664	P	0.4
7	☐	500.000	500.720	1114045.98	0.5176	P	0.9
8	☐	1000.000	997.266	2117271.38	1.0309	P	0.3
9	☐			1566.81	0.0009	P	1.1

$$y = 0.0010 * x + 7.3753E-005$$

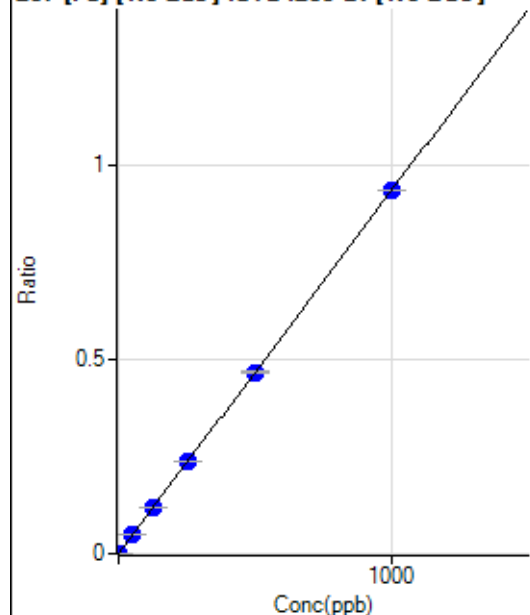
$$R = 1.0000$$

$$DL = 0.09902$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	153.71	0.0001	P	23.5
2	☐	0.100					
3	☐	1.000	0.875	1992.81	0.0009	P	8.3
4	☐	50.000	50.760	105684.77	0.0475	P	0.8
5	☐	125.000	126.069	261607.18	0.1180	P	0.2
6	☐	250.000	253.062	508401.00	0.2368	P	0.4
7	☐	500.000	499.270	1005132.29	0.4670	P	0.6
8	☐	1000.000	999.428	1920047.97	0.9348	P	0.2
9	☐			1435.30	0.0008	P	2.8

$$y = 9.3529\text{E-}004 * x + 6.7939\text{E-}005$$

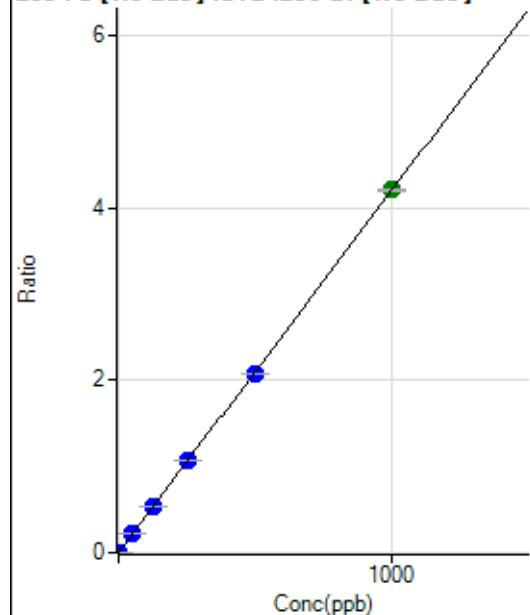
$$R = 1.0000$$

$$DL = 0.05116$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	681.51	0.0003	P	9.7
2	☐	0.100					
3	☐	1.000	0.910	9273.75	0.0041	P	1.5
4	☐	50.000	50.820	475648.74	0.2140	P	0.7
5	☐	125.000	125.625	1171861.17	0.5285	P	0.5
6	☐	250.000	252.570	2281021.80	1.0622	P	0.3
7	☐	500.000	494.225	4472894.74	2.0783	P	0.3
8	☐	1000.000	1002.126	8654700.48	4.2138	A	0.2
9	☐			6284.10	0.0036	P	2.5

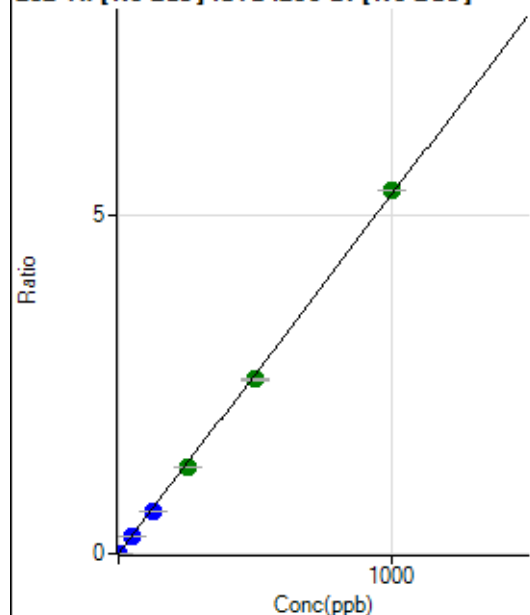
$$y = 0.0042 * x + 3.0121\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.02092$$

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	68.52	0.0000	P	46.2
2	☐	0.100					
3	☐	1.000	0.853	10252.47	0.0046	P	1.5
4	☐	50.000	47.240	558038.08	0.2510	P	0.0
5	☐	125.000	117.011	1378675.58	0.6218	P	0.5
6	☐	250.000	240.775	2747296.47	1.2794	A	0.4
7	☐	500.000	485.590	5553017.37	2.5802	A	0.6
8	☐	1000.000	1010.648	11029561.47	5.3701	A	0.1
9	☐			1216.76	0.0007	P	8.7

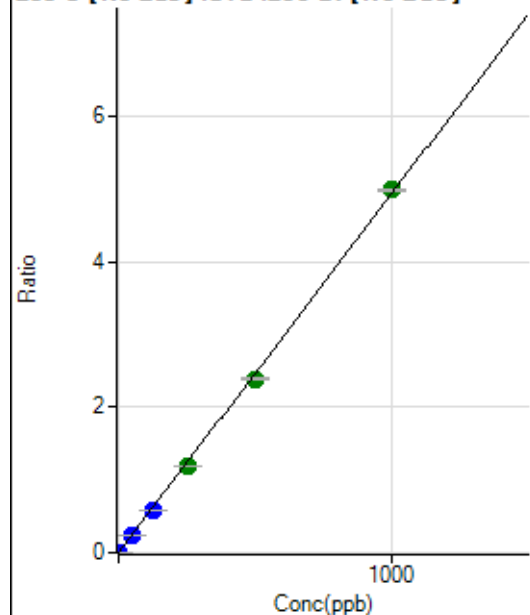
$$y = 0.0053 * x + 3.0224E-005$$

$$R = 0.9998$$

$$DL = 0.007885$$

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	13.89	0.0000	P	124.
2	☐	0.100					
3	☐	1.000	0.913	10132.20	0.0045	P	1.6
4	☐	50.000	47.097	516409.73	0.2323	P	0.2
5	☐	125.000	116.188	1270751.04	0.5731	P	0.5
6	☐	250.000	241.099	2553662.51	1.1892	A	0.1
7	☐	500.000	484.870	5147157.58	2.3916	A	0.4
8	☐	1000.000	1011.037	10242221.15	4.9869	A	0.5
9	☐			350.02	0.0002	P	5.7

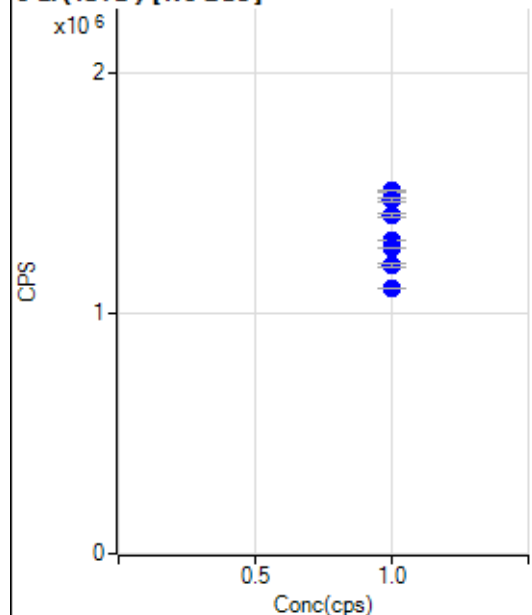
$$y = 0.0049 * x + 6.1073E-006$$

$$R = 0.9998$$

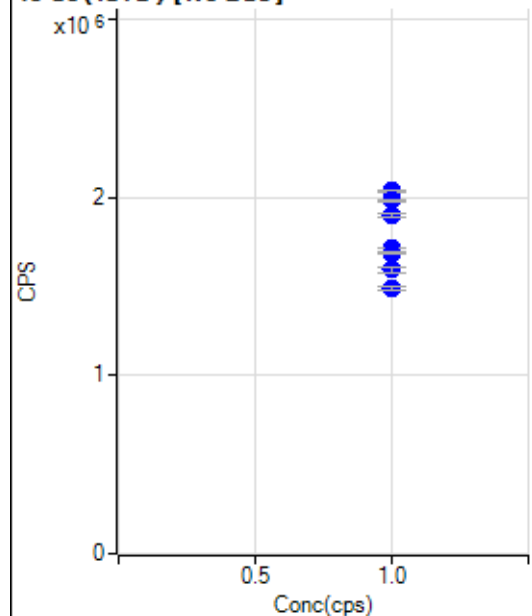
$$DL = 0.004629$$

Weight: <None>

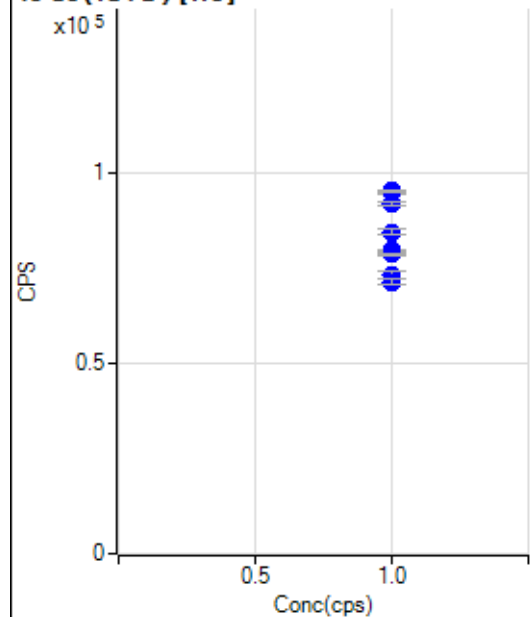
Min Conc: 0

6 Li (ISTD) [No Gas]

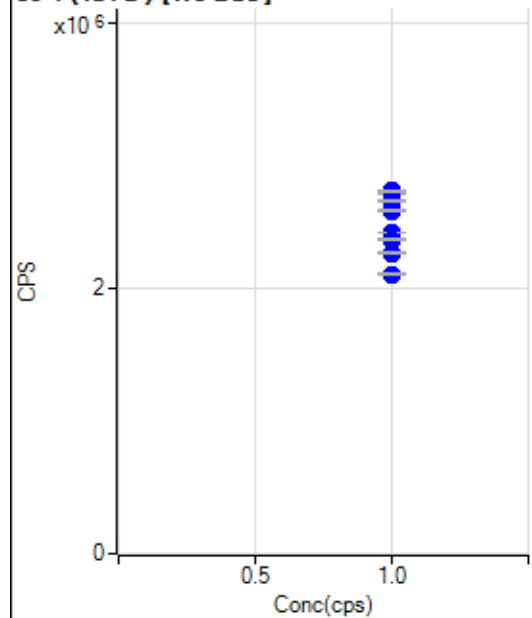
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1481630.46		P	0.1
2	☐	1.000					
3	☐	1.000		1508128.32		P	0.4
4	☐	1.000		1470403.01		P	0.8
5	☐	1.000		1406653.11		P	0.7
6	☐	1.000		1300084.76		P	0.1
7	☐	1.000		1270021.01		P	0.4
8	☐	1.000		1199111.69		P	1.2
9	☐	1.000		1101568.10		P	0.3

45 Sc (ISTD) [No Gas]

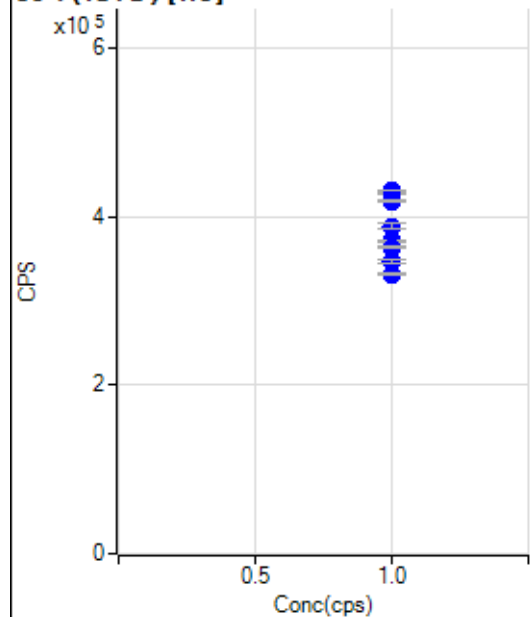
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2034334.66		P	0.1
2	☐	1.000					
3	☐	1.000		2039623.09		P	0.6
4	☐	1.000		1984010.57		P	0.3
5	☐	1.000		1903016.82		P	1.2
6	☐	1.000		1720791.38		P	0.3
7	☐	1.000		1690954.16		P	0.5
8	☐	1.000		1596935.85		P	1.7
9	☐	1.000		1490258.21		P	1.2

45 Sc (ISTD) [He]

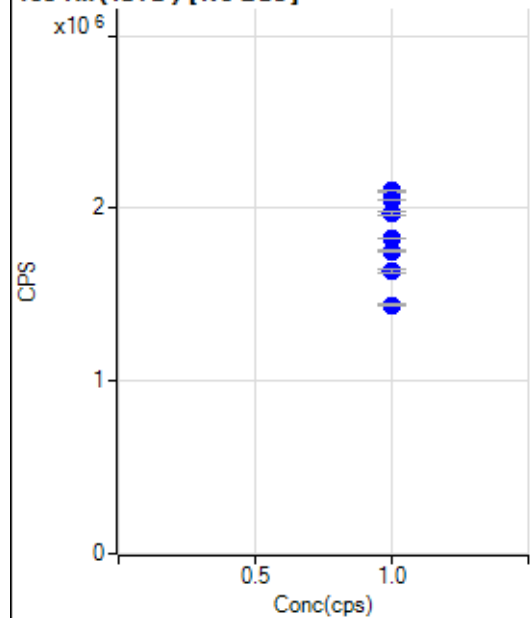
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		94873.16		P	0.3
2	☐	1.000					
3	☐	1.000		95396.68		P	0.3
4	☐	1.000		92138.58		P	1.3
5	☐	1.000		84689.16		P	1.5
6	☐	1.000		79779.75		P	0.4
7	☐	1.000		78709.65		P	0.7
8	☐	1.000		73309.13		P	2.1
9	☐	1.000		71478.25		P	1.9

89 Y (ISTD) [No Gas]

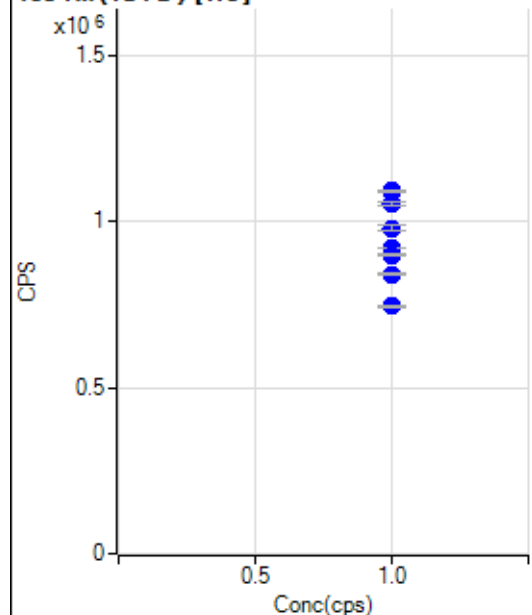
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2718270.55		P	0.3
2	☐	1.000					
3	☐	1.000		2734667.77		P	0.7
4	☐	1.000		2656765.32		P	0.5
5	☐	1.000		2584600.47		P	0.7
6	☐	1.000		2422077.55		P	0.2
7	☐	1.000		2368952.14		P	0.1
8	☐	1.000		2267807.19		P	1.1
9	☐	1.000		2108562.42		P	1.2

89 Y(ISTD) [He]

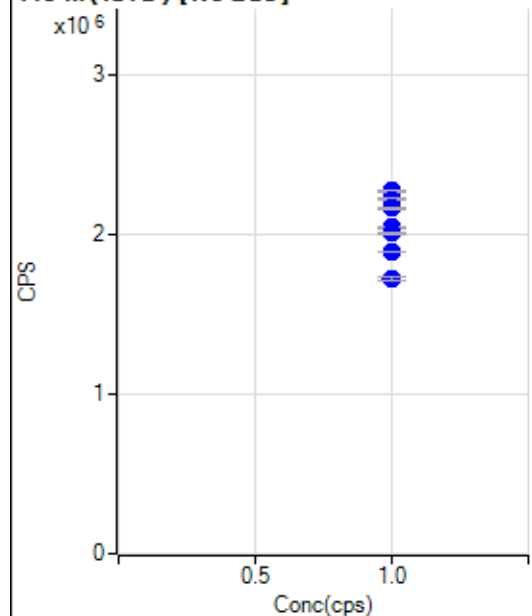
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		427801.43		P	0.6
2	☐	1.000					
3	☐	1.000		430373.84		P	0.1
4	☐	1.000		418339.78		P	1.0
5	☐	1.000		388848.33		P	1.3
6	☐	1.000		371130.86		P	0.5
7	☐	1.000		363357.85		P	0.8
8	☐	1.000		346823.78		P	1.3
9	☐	1.000		330939.45		P	0.8

103 Rh(ISTD) [No Gas]

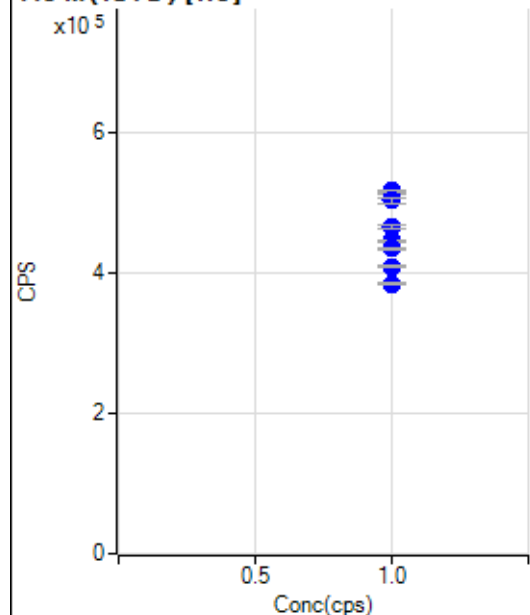
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2100677.07		P	0.5
2	☐	1.000					
3	☐	1.000		2099177.39		P	0.9
4	☐	1.000		2051759.96		P	0.1
5	☐	1.000		1973270.66		P	0.8
6	☐	1.000		1823876.67		P	0.2
7	☐	1.000		1751122.56		P	0.3
8	☐	1.000		1633934.90		P	1.3
9	☐	1.000		1440640.03		P	1.2

103 Rh (ISTD) [He]

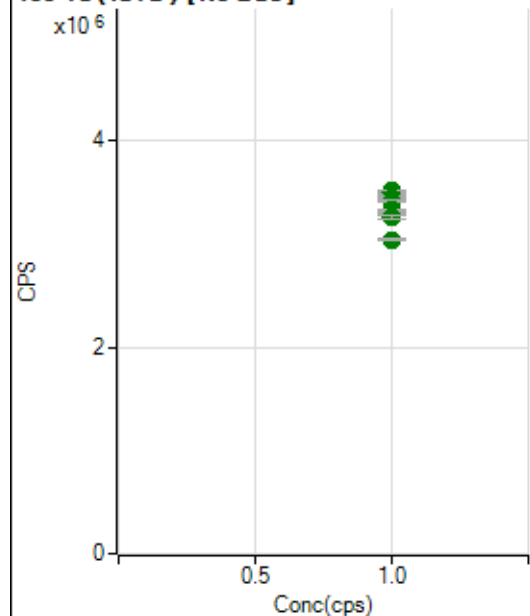
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1089099.84		P	0.4
2	☐	1.000					
3	☐	1.000		1091775.92		P	0.2
4	☐	1.000		1052453.82		P	0.7
5	☐	1.000		980466.48		P	1.4
6	☐	1.000		922419.89		P	0.1
7	☐	1.000		899112.57		P	0.5
8	☐	1.000		841824.75		P	0.8
9	☐	1.000		745574.45		P	0.9

115 In (ISTD) [No Gas]

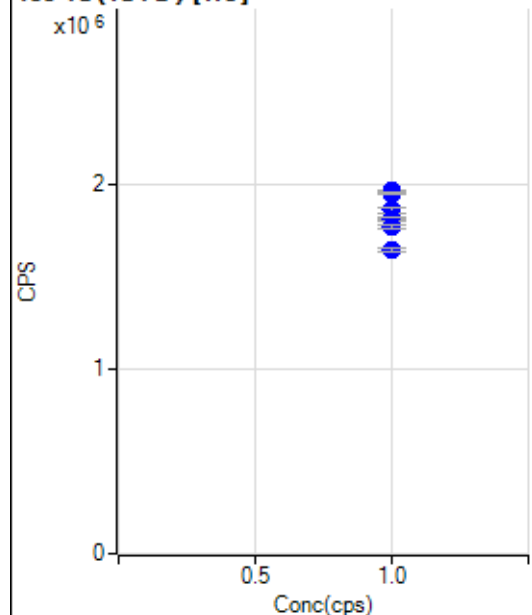
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2274127.99		P	0.6
2	☐	1.000					
3	☐	1.000		2271153.43		P	0.7
4	☐	1.000		2220035.08		P	0.6
5	☐	1.000		2166113.94		P	0.4
6	☐	1.000		2043833.18		P	0.9
7	☐	1.000		2007246.35		P	0.7
8	☐	1.000		1892567.33		P	0.6
9	☐	1.000		1722162.89		P	1.0

115 In (ISTD) [He]

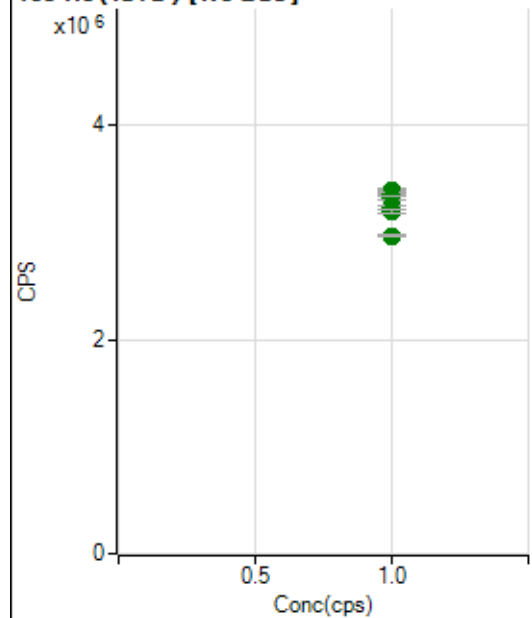
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		513950.81		P	0.6
2	☐	1.000					
3	☐	1.000		517079.75		P	0.5
4	☐	1.000		503122.80		P	1.4
5	☐	1.000		465688.78		P	1.2
6	☐	1.000		445710.23		P	0.4
7	☐	1.000		434808.06		P	0.7
8	☐	1.000		409299.78		P	1.0
9	☐	1.000		384684.68		P	0.8

159 Tb (ISTD) [No Gas]

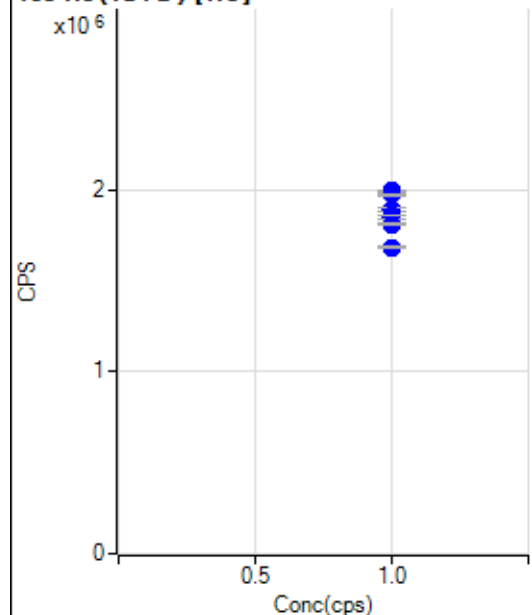
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3515461.27		A	0.8
2	☐	1.000					
3	☐	1.000		3494735.68		A	1.1
4	☐	1.000		3456238.42		A	0.4
5	☐	1.000		3417836.34		A	0.4
6	☐	1.000		3318191.20		A	0.9
7	☐	1.000		3326210.79		A	0.2
8	☐	1.000		3260349.33		A	1.3
9	☐	1.000		3043971.86		A	0.9

159 Tb (ISTD) [He]

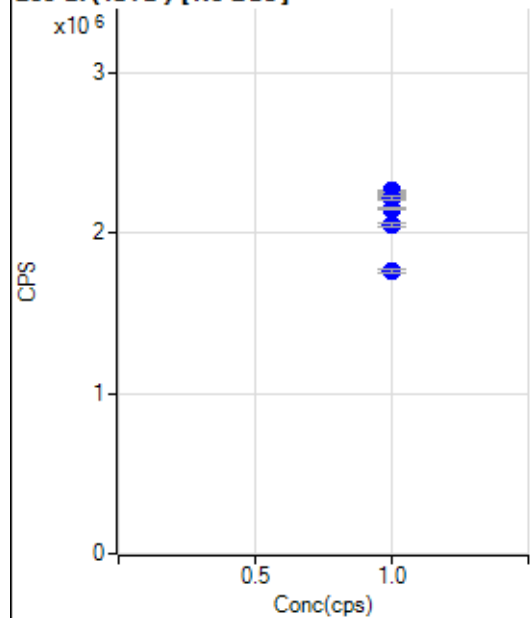
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1970068.70		P	0.5
2	☐	1.000					
3	☐	1.000		1968160.61		P	0.2
4	☐	1.000		1953167.63		P	0.5
5	☐	1.000		1865549.95		P	1.4
6	☐	1.000		1819427.75		P	0.6
7	☐	1.000		1817387.18		P	1.2
8	☐	1.000		1772378.95		P	1.1
9	☐	1.000		1649659.14		P	1.1

165 Ho (ISTD) [No Gas]

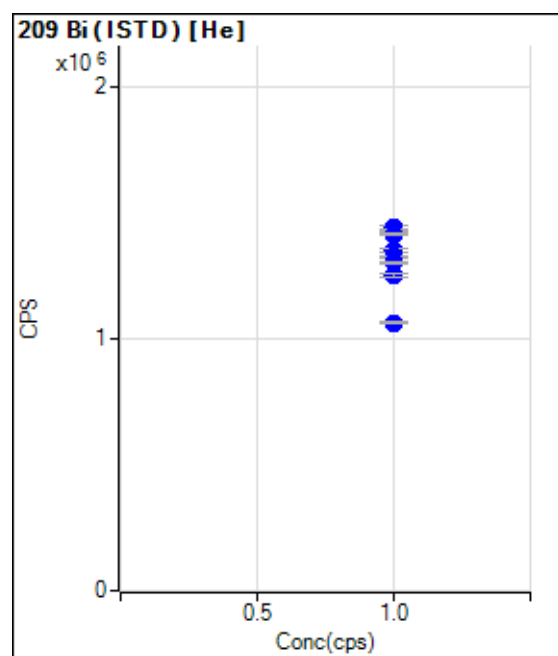
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3391585.41		A	0.9
2	☐	1.000					
3	☐	1.000		3384897.60		A	1.1
4	☐	1.000		3364592.68		A	0.8
5	☐	1.000		3325287.53		A	0.7
6	☐	1.000		3234387.12		A	0.6
7	☐	1.000		3252952.27		A	0.5
8	☐	1.000		3200806.95		A	1.2
9	☐	1.000		2970159.23		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1991348.23		P	0.2
2	☐	1.000					
3	☐	1.000		1990243.04		P	0.2
4	☐	1.000		1969660.44		P	0.6
5	☐	1.000		1889317.05		P	1.1
6	☐	1.000		1858522.84		P	0.2
7	☐	1.000		1851980.08		P	1.1
8	☐	1.000		1808989.97		P	0.9
9	☐	1.000		1682072.63		P	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2263316.84		P	0.6
2	☐	1.000					
3	☐	1.000		2247457.24		P	0.7
4	☐	1.000		2222935.16		P	0.4
5	☐	1.000		2217400.59		P	0.9
6	☐	1.000		2147355.77		P	0.5
7	☐	1.000		2152207.94		P	0.5
8	☐	1.000		2053908.82		P	1.1
9	☐	1.000		1763708.88		P	1.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1438480.36		P	0.9
2	☐	1.000					
3	☐	1.000		1432743.81		P	0.5
4	☐	1.000		1413123.05		P	0.6
5	☐	1.000		1348632.97		P	1.2
6	☐	1.000		1324171.97		P	0.5
7	☐	1.000		1302534.29		P	0.8
8	☐	1.000		1248976.53		P	1.3
9	☐	1.000		1063536.03		P	1.1

US EPA Tune Check Sample Report

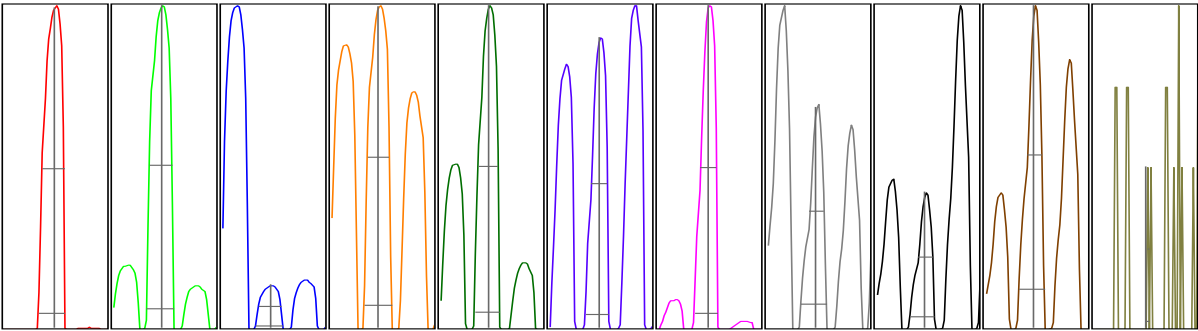
Batch Folder D:\ICP-MS Data\P7062419-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4676	0.71	5.00	
24	109281	0.56	5.00	
25	14701	0.46	5.00	
26	16522	0.31	5.00	
59	21841	0.51	5.00	
113	2769	0.51	5.00	
115	33556	0.60	5.00	
206	9766	0.50	5.00	
207	9238	0.41	5.00	
208	21328	0.19	5.00	
220	0	136.93		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4702	4722	4652	4647	4659
24	109954	109640	109432	108979	108398
25	14785	14739	14715	14640	14627
26	16565	16492	16542	16564	16448
59	21933	21922	21901	21773	21677
113	2783	2773	2752	2756	2780
115	33721	33819	33438	33368	33434
206	9813	9805	9691	9767	9753
207	9288	9268	9220	9204	9211
208	21275	21351	21381	21323	21311
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	7782	9.00	8.9 - 9.1		0.774	0.900	
24	177263	23.95	23.9 - 24.1		0.786	0.900	
25	23829	24.95	24.9 - 25.1		0.786	0.900	
26	27001	25.90	25.9 - 26.1		0.807	0.900	
59	39212	58.95	58.9 - 59.1		0.736	0.900	
113	5692	113.00	112.9 - 113.1		0.683	0.900	
115	69150	115.00	114.9 - 115.1		0.685	0.900	
206	21016	205.95	205.9 - 206.1		0.736	0.900	
207	19326	206.95	206.9 - 207.1		0.708	0.900	
208	45668	207.95	207.9 - 208.1		0.730	0.900	
220	0	220.05	-		0.095		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.0	V	Deflect	13.8	V
Extract 2	-80.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-45	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5510	0.46	
89	10851	0.28	
205	8928	0.49	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5539	5502	5526	5474	5506
89	10860	10850	10842	10894	10811
205	8989	8913	8940	8928	8868

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	7.3	V	Deflect	1.8	V
Extract 2	-85.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-45	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 : LB103602 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 14:15:42 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.74	-0.25	-0.49	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.05	0.07	-0.12	0.00	N/A	ppb
Barium	135-1	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.21	-0.05	0.26	0.00	N/A	ppb
Boron	11-1	-0.03	-0.01	0.04	0.00	N/A	ppb
Cadmium	111-1	-0.06	0.12	-0.05	0.00	N/A	ppb
Cadmium	106-1	-0.77	1.41	-0.64	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	0.28	-1.36	1.09	0.00	N/A	ppb
Calcium	44-1	0.91	-0.74	-0.16	0.00	N/A	ppb
Chromium	52-2	0.01	0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.04	-0.02	-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	-0.10	0.06	0.05	0.00	N/A	ppb
Iron	57-2	1.00	-0.66	-0.34	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	0.04	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.44	0.13	-0.57	0.00	N/A	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:15:42	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.02	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Phosphorus	31-2	-29.56	-15.87	-25.08	-23.50		ppb
Potassium	39-2	-0.84	2.65	-1.80	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	-0.79	0.30	0.49	0.00	N/A	ppb
Selenium	82-1	-0.18	-0.01	0.19	0.00	N/A	ppb
Silicon	28-1	-0.22	0.45	-0.22	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.01	0.00	N/A	ppb
Sodium	23-2	-0.78	0.38	0.40	0.00	N/A	ppb
Strontium	86-1	0.02	0.03	-0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	98.70	12.24	125.14	78.69	75.04	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.01	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.03	0.00	-0.03	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:15:42	DataFile Name :	003CALB.d

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

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:23:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.12	20.68	18.33	19.04	7.48	ppb
Antimony	121-1	2.07	2.10	1.92	2.03	4.57	ppb
Arsenic	75-1	1.42	0.98	1.42	1.28	19.78	ppb
Barium	135-1	10.13	10.30	9.91	10.11	1.93	ppb
Barium	137-1	9.67	10.57	10.26	10.17	4.50	ppb
Beryllium	9-1	1.01	1.01	1.02	1.01	0.54	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	22.98	23.28	21.18	22.48	5.06	ppb
Boron	11-1	22.93	23.57	22.38	22.96	2.59	ppb
Cadmium	111-1	1.10	1.16	1.04	1.10	5.36	ppb
Cadmium	106-1	-0.89	0.00	0.45	-0.15		ppb
Cadmium	108-1	0.45	0.96	0.71	0.71	36.45	ppb
Calcium	43-1	488.93	465.48	458.62	471.01	3.37	ppb
Calcium	44-1	476.18	483.32	480.30	479.93	0.75	ppb
Chromium	52-2	1.96	1.80	1.81	1.86	4.85	ppb
Cobalt	59-2	1.03	0.97	1.09	1.03	5.48	ppb
Copper	63-2	2.19	2.24	2.09	2.17	3.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	55.22	53.15	55.41	54.59	2.30	ppb
Iron	57-2	53.05	55.66	57.88	55.53	4.36	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.96	1.01	0.99	2.99	ppb
Lead	207-1	0.82	0.97	0.84	0.88	9.02	ppb
Lead	208-1	0.90	0.93	0.90	0.91	1.59	ppb
Lithium	6-1				102		%
Magnesium	24-2	529.93	529.35	514.04	524.44	1.72	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:23:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.08	1.03	1.05	2.40	ppb
Molybdenum	94-1	5.22	4.65	4.80	4.89	6.13	ppb
Molybdenum	95-1	5.14	5.04	5.17	5.12	1.41	ppb
Molybdenum	96-1	5.03	4.80	4.58	4.80	4.67	ppb
Molybdenum	97-1	4.89	5.42	5.58	5.30	6.86	ppb
Molybdenum	98-1	4.85	5.09	4.82	4.92	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.95	1.00	0.96	4.13	ppb
Phosphorus	31-2	16.09	47.56	6.85	23.50	90.81	ppb
Potassium	39-2	501.38	505.54	521.62	509.51	2.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	7.76	9.07	7.75	8.20	9.25	ppb
Selenium	78-2	3.92	6.29	5.41	5.21	23.04	ppb
Selenium	82-1	4.86	5.31	4.69	4.95	6.47	ppb
Silicon	28-1	8.06	8.60	8.32	8.32	3.25	ppb
Silver	109-1	1.16	1.12	1.07	1.12	4.27	ppb
Silver	107-1	1.19	1.08	0.98	1.08	9.59	ppb
Sodium	23-2	494.18	490.45	493.75	492.79	0.41	ppb
Strontium	86-1	1.13	1.10	0.85	1.03	14.64	ppb
Strontium	88-1	0.92	0.90	0.96	0.93	3.50	ppb
Sulfur	34-1	-16.27	-61.86	-157.94	-78.69		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.90	0.91	0.88	0.90	1.76	ppb
Thallium	205-1	0.90	0.93	0.91	0.91	1.82	ppb
Thorium	232-1	0.86	0.86	0.84	0.85	1.54	ppb
Tin	118-1	5.33	5.13	5.36	5.27	2.33	ppb
Titanium	47-1	5.12	4.65	5.22	5.00	6.02	ppb
Uranium	238-1	0.91	0.90	0.93	0.91	1.60	ppb
Vanadium	51-2	5.14	4.94	5.23	5.10	2.88	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:23:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.88	2.08	1.88	1.95	5.82	ppb
Zirconium	90-1	0.99	0.91	0.87	0.92	6.58	ppb
Zirconium	91-1	0.86	0.93	1.14	0.97	15.01	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:27:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1092.24	1101.22	1111.48	1101.65	0.87	ppb
Antimony	121-1	54.05	54.42	54.46	54.31	0.42	ppb
Arsenic	75-1	54.90	52.40	53.66	53.65	2.33	ppb
Barium	135-1	265.98	269.16	268.14	267.76	0.61	ppb
Barium	137-1	271.17	269.96	267.71	269.61	0.65	ppb
Beryllium	9-1	53.32	54.09	53.78	53.73	0.72	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	49.95	49.70	52.91	50.86	3.51	ppb
Boron	11-1	49.70	48.75	51.22	49.89	2.49	ppb
Cadmium	111-1	57.11	55.90	55.34	56.12	1.61	ppb
Cadmium	106-1	58.09	52.82	58.75	56.55	5.74	ppb
Cadmium	108-1	56.36	55.54	61.25	57.72	5.34	ppb
Calcium	43-1	5109.42	5288.61	5059.44	5152.49	2.34	ppb
Calcium	44-1	5110.31	5082.22	5140.04	5110.86	0.57	ppb
Chromium	52-2	52.10	52.10	51.91	52.04	0.21	ppb
Cobalt	59-2	52.78	52.33	53.58	52.90	1.20	ppb
Copper	63-2	109.73	110.60	111.17	110.50	0.66	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				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	2704.52	2701.59	2735.89	2714.00	0.70	ppb
Iron	57-2	2783.13	2744.65	2764.99	2764.25	0.70	ppb
Krypton	83-1						cps
Lead	206-1	50.96	51.98	52.48	51.80	1.49	ppb
Lead	207-1	50.32	50.80	51.15	50.76	0.82	ppb
Lead	208-1	50.46	50.85	51.16	50.82	0.69	ppb
Lithium	6-1				99		%
Magnesium	24-2	5407.50	5381.30	5503.92	5430.91	1.19	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:27:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.86	101.63	104.57	102.69	1.59	ppb
Molybdenum	94-1	255.08	253.00	255.81	254.63	0.57	ppb
Molybdenum	95-1	258.09	259.68	259.30	259.03	0.32	ppb
Molybdenum	96-1	257.41	253.87	255.61	255.63	0.69	ppb
Molybdenum	97-1	259.40	255.59	257.79	257.59	0.74	ppb
Molybdenum	98-1	251.23	253.27	252.45	252.32	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.87	55.88	55.00	54.92	1.84	ppb
Phosphorus	31-2	998.44	1096.27	952.56	1015.76	7.23	ppb
Potassium	39-2	2772.41	2738.13	2781.48	2764.01	0.83	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	56.34	52.68	64.10	57.71	10.11	ppb
Selenium	78-2	53.28	49.65	55.25	52.73	5.39	ppb
Selenium	82-1	55.70	55.30	52.05	54.35	3.68	ppb
Silicon	28-1	54.93	54.97	57.56	55.82	2.70	ppb
Silver	109-1	60.10	59.81	59.42	59.77	0.57	ppb
Silver	107-1	60.90	59.79	60.81	60.50	1.02	ppb
Sodium	23-2	5250.73	5224.11	5380.72	5285.19	1.59	ppb
Strontium	86-1	51.51	51.58	50.94	51.34	0.68	ppb
Strontium	88-1	51.14	50.97	51.05	51.05	0.17	ppb
Sulfur	34-1	1022.31	903.76	921.35	949.14	6.74	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	49.82	50.15	49.24	49.74	0.92	ppb
Thallium	205-1	49.44	49.87	50.01	49.77	0.59	ppb
Thorium	232-1	47.25	47.22	47.25	47.24	0.04	ppb
Tin	118-1	55.62	54.79	54.42	54.94	1.12	ppb
Titanium	47-1	259.66	257.87	252.99	256.84	1.35	ppb
Uranium	238-1	47.09	47.19	47.01	47.10	0.19	ppb
Vanadium	51-2	51.85	51.46	51.67	51.66	0.38	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:27:14	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	106.58	107.52	108.56	107.55	0.92	ppb
Zirconium	90-1	51.92	51.43	51.19	51.51	0.72	ppb
Zirconium	91-1	50.70	50.33	51.51	50.85	1.19	ppb

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 14:31:10 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2779.08	2779.16	2766.16	2774.80	0.27	ppb
Antimony	121-1	136.24	133.40	133.84	134.49	1.14	ppb
Arsenic	75-1	132.02	126.85	129.82	129.56	2.00	ppb
Barium	135-1	659.93	658.51	648.21	655.55	0.98	ppb
Barium	137-1	662.02	662.92	656.70	660.55	0.51	ppb
Beryllium	9-1	132.98	133.05	132.37	132.80	0.28	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	122.53	128.25	124.78	125.19	2.30	ppb
Boron	11-1	123.93	124.71	124.34	124.32	0.31	ppb
Cadmium	111-1	139.95	141.17	136.54	139.22	1.72	ppb
Cadmium	106-1	146.29	140.33	131.80	139.47	5.22	ppb
Cadmium	108-1	139.89	136.73	136.22	137.61	1.44	ppb
Calcium	43-1	12902.73	13070.80	12921.41	12964.98	0.71	ppb
Calcium	44-1	12516.94	12485.72	12582.44	12528.36	0.39	ppb
Chromium	52-2	130.41	129.14	130.81	130.12	0.67	ppb
Cobalt	59-2	133.45	131.38	133.05	132.63	0.83	ppb
Copper	63-2	272.51	271.48	275.05	273.02	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	6701.88	6594.42	6685.72	6660.67	0.87	ppb
Iron	57-2	6937.00	6809.28	7030.54	6925.61	1.60	ppb
Krypton	83-1						cps
Lead	206-1	128.94	127.64	127.46	128.01	0.63	ppb
Lead	207-1	125.88	125.98	126.35	126.07	0.20	ppb
Lead	208-1	126.33	125.14	125.40	125.63	0.50	ppb
Lithium	6-1				95		%
Magnesium	24-2	13576.31	13485.75	13611.95	13558.00	0.48	ppb

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 14:31:10 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	257.39	260.33	261.96	259.89	0.89	ppb
Molybdenum	94-1	631.70	628.36	625.11	628.39	0.52	ppb
Molybdenum	95-1	640.63	636.33	629.90	635.62	0.85	ppb
Molybdenum	96-1	634.64	626.50	629.97	630.37	0.65	ppb
Molybdenum	97-1	629.47	635.45	628.76	631.23	0.58	ppb
Molybdenum	98-1	622.33	621.07	620.39	621.26	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.76	132.20	136.88	135.61	2.21	ppb
Phosphorus	31-2	2499.17	2602.01	2481.90	2527.69	2.57	ppb
Potassium	39-2	7040.18	6919.11	6946.07	6968.45	0.91	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	133.74	136.25	128.17	132.72	3.12	ppb
Selenium	78-2	134.54	133.18	131.28	133.00	1.23	ppb
Selenium	82-1	132.30	130.22	130.32	130.95	0.90	ppb
Silicon	28-1	138.24	138.55	142.47	139.75	1.69	ppb
Silver	109-1	145.81	143.93	141.88	143.88	1.37	ppb
Silver	107-1	146.45	145.03	143.39	144.96	1.06	ppb
Sodium	23-2	13308.97	13132.69	13226.50	13222.72	0.67	ppb
Strontium	86-1	126.77	126.02	126.77	126.52	0.34	ppb
Strontium	88-1	125.60	126.68	126.09	126.12	0.43	ppb
Sulfur	34-1	2527.34	2441.14	2490.44	2486.30	1.74	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	124.21	122.69	123.00	123.30	0.65	ppb
Thallium	205-1	124.43	122.92	123.33	123.56	0.63	ppb
Thorium	232-1	117.67	116.66	116.71	117.01	0.49	ppb
Tin	118-1	136.65	135.20	133.69	135.18	1.10	ppb
Titanium	47-1	635.44	633.92	639.26	636.21	0.43	ppb
Uranium	238-1	116.79	115.65	116.13	116.19	0.49	ppb
Vanadium	51-2	129.09	128.49	129.81	129.13	0.51	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:31:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	270.38	263.95	265.16	266.50	1.28	ppb
Zirconium	90-1	127.69	126.53	126.38	126.87	0.56	ppb
Zirconium	91-1	128.81	128.17	125.94	127.64	1.18	ppb

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 14:35:05 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5527.73	5537.05	5568.11	5544.30	0.38	ppb
Antimony	121-1	266.90	260.84	264.21	263.98	1.15	ppb
Arsenic	75-1	261.80	258.77	254.21	258.26	1.48	ppb
Barium	135-1	1308.97	1277.91	1294.71	1293.87	1.20	ppb
Barium	137-1	1304.27	1273.96	1288.68	1288.97	1.18	ppb
Beryllium	9-1	264.42	263.17	264.39	263.99	0.27	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	247.38	246.33	251.48	248.40	1.09	ppb
Boron	11-1	248.03	251.40	254.91	251.45	1.37	ppb
Cadmium	111-1	270.84	266.78	267.03	268.22	0.85	ppb
Cadmium	106-1	269.54	261.70	265.18	265.47	1.48	ppb
Cadmium	108-1	265.31	268.99	269.85	268.05	0.90	ppb
Calcium	43-1	26152.74	26075.41	26034.63	26087.59	0.23	ppb
Calcium	44-1	25829.70	25784.68	25807.56	25807.31	0.09	ppb
Chromium	52-2	257.19	258.97	259.46	258.54	0.46	ppb
Cobalt	59-2	259.91	262.25	261.51	261.22	0.46	ppb
Copper	63-2	528.61	539.60	537.99	535.40	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	13191.68	13261.26	13224.11	13225.68	0.26	ppb
Iron	57-2	13788.46	13762.46	13716.67	13755.86	0.26	ppb
Krypton	83-1						cps
Lead	206-1	258.68	257.03	257.17	257.63	0.36	ppb
Lead	207-1	252.48	254.24	252.47	253.06	0.40	ppb
Lead	208-1	251.85	253.08	252.77	252.57	0.25	ppb
Lithium	6-1				88		%
Magnesium	24-2	26438.28	26366.00	26638.04	26480.77	0.53	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:35:05	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	507.10	509.74	516.63	511.15	0.96	ppb
Molybdenum	94-1	1256.58	1237.79	1258.16	1250.84	0.91	ppb
Molybdenum	95-1	1260.55	1253.37	1261.13	1258.35	0.34	ppb
Molybdenum	96-1	1246.61	1231.95	1255.33	1244.63	0.95	ppb
Molybdenum	97-1	1262.27	1264.63	1269.54	1265.48	0.29	ppb
Molybdenum	98-1	1230.15	1216.31	1234.19	1226.88	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.08	275.17	266.94	267.40	2.83	ppb
Phosphorus	31-2	4989.97	4989.54	5076.40	5018.64	1.00	ppb
Potassium	39-2	13617.62	13617.11	13717.44	13650.73	0.42	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	77-2	255.08	260.29	254.40	256.59	1.26	ppb
Selenium	78-2	270.38	249.86	270.79	263.68	4.54	ppb
Selenium	82-1	260.42	261.04	261.01	260.83	0.13	ppb
Silicon	28-1	280.31	280.25	283.63	281.39	0.69	ppb
Silver	109-1	278.92	271.33	275.14	275.13	1.38	ppb
Silver	107-1	279.08	271.92	274.90	275.30	1.31	ppb
Sodium	23-2	26440.22	26172.01	26387.42	26333.22	0.54	ppb
Strontium	86-1	250.95	251.97	257.21	253.37	1.33	ppb
Strontium	88-1	250.38	248.57	251.01	249.99	0.51	ppb
Sulfur	34-1	5086.13	4985.59	4954.92	5008.88	1.37	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	249.12	250.21	249.33	249.55	0.23	ppb
Thallium	205-1	246.16	246.80	247.64	246.87	0.30	ppb
Thorium	232-1	240.34	240.20	241.79	240.78	0.37	ppb
Tin	118-1	266.88	260.54	266.48	264.63	1.34	ppb
Titanium	47-1	1293.26	1283.36	1291.67	1289.43	0.41	ppb
Uranium	238-1	240.68	241.27	241.34	241.10	0.15	ppb
Vanadium	51-2	256.83	254.89	254.60	255.44	0.48	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:35:05	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	525.87	528.92	536.17	530.32	1.00	ppb
Zirconium	90-1	254.10	253.59	256.07	254.59	0.51	ppb
Zirconium	91-1	257.99	253.95	254.77	255.57	0.84	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:38:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10924.69	10760.24	10706.59	10797.17	1.05	ppb
Antimony	121-1	514.44	511.82	517.61	514.62	0.56	ppb
Arsenic	75-1	512.06	509.04	510.47	510.53	0.30	ppb
Barium	135-1	2521.38	2510.58	2543.30	2525.09	0.66	ppb
Barium	137-1	2488.40	2502.21	2516.02	2502.21	0.55	ppb
Beryllium	9-1	513.97	512.73	512.65	513.12	0.14	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	504.25	514.06	506.18	508.16	1.02	ppb
Boron	11-1	502.70	511.31	508.06	507.35	0.86	ppb
Cadmium	111-1	520.42	518.22	519.78	519.47	0.22	ppb
Cadmium	106-1	520.48	515.77	504.30	513.52	1.62	ppb
Cadmium	108-1	514.94	520.59	537.73	524.42	2.26	ppb
Calcium	43-1	51407.22	52083.93	51960.95	51817.36	0.70	ppb
Calcium	44-1	51261.88	50439.44	51202.56	50967.96	0.90	ppb
Chromium	52-2	505.71	498.79	501.73	502.08	0.69	ppb
Cobalt	59-2	506.50	502.76	507.15	505.47	0.47	ppb
Copper	63-2	1022.50	1018.32	1017.58	1019.46	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				85		%
Iron	56-2	25971.24	25560.65	25629.45	25720.45	0.85	ppb
Iron	57-2	26757.32	26392.20	26472.58	26540.70	0.72	ppb
Krypton	83-1						cps
Lead	206-1	501.57	496.05	504.54	500.72	0.86	ppb
Lead	207-1	502.10	499.51	496.20	499.27	0.59	ppb
Lead	208-1	495.38	492.75	494.55	494.22	0.27	ppb
Lithium	6-1				86		%
Magnesium	24-2	52272.06	51413.69	51770.80	51818.85	0.83	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:38:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.57	993.68	1007.35	999.53	0.70	ppb
Molybdenum	94-1	2482.62	2469.03	2467.25	2472.97	0.34	ppb
Molybdenum	95-1	2486.33	2481.54	2479.41	2482.42	0.14	ppb
Molybdenum	96-1	2512.87	2502.65	2501.80	2505.77	0.25	ppb
Molybdenum	97-1	2463.20	2449.12	2449.71	2454.01	0.32	ppb
Molybdenum	98-1	2515.22	2514.15	2512.50	2513.96	0.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.47	504.75	497.15	502.13	0.86	ppb
Phosphorus	31-2	9728.90	9918.87	9967.58	9871.79	1.28	ppb
Potassium	39-2	26755.89	26574.43	26556.12	26628.81	0.41	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				83		%
Scandium	45-2				83		%
Selenium	77-2	512.67	554.93	464.72	510.77	8.84	ppb
Selenium	78-2	514.51	513.86	504.41	510.92	1.11	ppb
Selenium	82-1	514.09	501.31	510.22	508.54	1.29	ppb
Silicon	28-1	548.46	548.48	556.11	551.02	0.80	ppb
Silver	109-1	527.83	525.96	525.66	526.48	0.22	ppb
Silver	107-1	520.85	529.49	532.40	527.58	1.14	ppb
Sodium	23-2	52484.07	51844.49	52245.87	52191.47	0.62	ppb
Strontium	86-1	508.13	505.14	509.12	507.46	0.41	ppb
Strontium	88-1	502.74	501.04	500.59	501.45	0.23	ppb
Sulfur	34-1	10066.02	9659.99	9749.78	9825.26	2.17	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	491.50	483.75	487.45	487.57	0.80	ppb
Thallium	205-1	495.55	488.13	492.69	492.12	0.76	ppb
Thorium	232-1	488.76	484.11	483.90	485.59	0.57	ppb
Tin	118-1	512.92	512.64	514.74	513.43	0.22	ppb
Titanium	47-1	2519.47	2522.00	2522.29	2521.26	0.06	ppb
Uranium	238-1	487.21	483.35	484.05	484.87	0.42	ppb
Vanadium	51-2	501.76	497.63	500.32	499.90	0.42	ppb
Yttrium	89-1				87		%
Yttrium	89-2				85		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:38:59	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1014.40	1007.09	1017.65	1013.05	0.53	ppb
Zirconium	90-1	498.16	500.03	502.75	500.31	0.46	ppb
Zirconium	91-1	509.84	510.87	514.78	511.83	0.51	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:42:49	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21584.08	21610.11	21176.60	21456.93	1.13	ppb
Antimony	121-1	988.51	982.82	992.04	987.79	0.47	ppb
Arsenic	75-1	983.09	998.30	994.37	991.92	0.80	ppb
Barium	135-1	4963.49	4948.44	5003.42	4971.78	0.57	ppb
Barium	137-1	4946.17	4991.61	5013.41	4983.73	0.69	ppb
Beryllium	9-1	990.35	991.03	984.97	988.78	0.34	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	993.01	1001.32	994.62	996.32	0.44	ppb
Boron	11-1	991.31	1000.60	996.40	996.10	0.47	ppb
Cadmium	111-1	984.97	985.10	980.81	983.63	0.25	ppb
Cadmium	106-1	977.54	993.46	990.70	987.24	0.86	ppb
Cadmium	108-1	984.22	979.00	980.73	981.31	0.27	ppb
Calcium	43-1	102209.13	102794.02	103101.71	102701.62	0.44	ppb
Calcium	44-1	101218.69	102136.59	102047.97	101801.08	0.50	ppb
Chromium	52-2	1001.40	1002.67	984.18	996.08	1.04	ppb
Cobalt	59-2	1001.24	999.71	979.13	993.36	1.24	ppb
Copper	63-2	1986.54	1995.05	1952.45	1978.02	1.14	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				91		%
Indium	115-1				83		%
Indium	115-2				80		%
Iron	56-2	51922.39	51733.84	50581.67	51412.64	1.41	ppb
Iron	57-2	52976.01	53419.51	51621.10	52672.21	1.78	ppb
Krypton	83-1						cps
Lead	206-1	997.09	999.88	994.83	997.27	0.25	ppb
Lead	207-1	999.43	1001.14	997.72	999.43	0.17	ppb
Lead	208-1	1002.50	1004.12	999.76	1002.13	0.22	ppb
Lithium	6-1				81		%
Magnesium	24-2	105361.01	104294.36	102092.85	103916.08	1.60	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:42:49	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2006.23	2016.18	1965.81	1996.07	1.34	ppb
Molybdenum	94-1	5004.64	5017.95	5015.36	5012.65	0.14	ppb
Molybdenum	95-1	4986.42	5032.45	4995.90	5004.92	0.49	ppb
Molybdenum	96-1	4979.39	5021.62	4991.50	4997.50	0.44	ppb
Molybdenum	97-1	5041.55	5031.91	4980.44	5017.97	0.65	ppb
Molybdenum	98-1	5029.30	4995.75	4972.41	4999.15	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.09	1004.75	978.21	993.02	1.36	ppb
Phosphorus	31-2	20199.87	20379.82	19585.91	20055.20	2.08	ppb
Potassium	39-2	52892.54	53080.52	51792.70	52588.59	1.32	ppb
Rhodium	103-1				78		%
Rhodium	103-2				77		%
Scandium	45-1				78		%
Scandium	45-2				77		%
Selenium	77-2	980.07	968.04	1026.69	991.60	3.12	ppb
Selenium	78-2	1009.70	973.56	986.69	989.98	1.85	ppb
Selenium	82-1	996.57	999.18	980.43	992.06	1.02	ppb
Silicon	28-1	954.94	969.43	969.21	964.53	0.86	ppb
Silver	109-1	979.46	978.65	974.77	977.63	0.26	ppb
Silver	107-1	975.65	980.23	974.71	976.86	0.30	ppb
Sodium	23-2	106252.03	105708.53	103193.29	105051.28	1.55	ppb
Strontium	86-1	991.44	997.83	996.24	995.17	0.33	ppb
Strontium	88-1	999.11	999.98	998.16	999.08	0.09	ppb
Sulfur	34-1	19923.21	20251.91	20093.09	20089.40	0.82	ppb
Terbium	159-1				93		%
Terbium	159-2				90		%
Thallium	203-1	1008.74	1006.96	1003.96	1006.55	0.24	ppb
Thallium	205-1	1000.79	1012.45	1001.51	1004.91	0.65	ppb
Thorium	232-1	1010.18	1012.15	1009.61	1010.65	0.13	ppb
Tin	118-1	988.62	990.56	985.14	988.10	0.28	ppb
Titanium	47-1	4991.17	4970.94	4971.22	4977.77	0.23	ppb
Uranium	238-1	1005.43	1011.72	1015.96	1011.04	0.52	ppb
Vanadium	51-2	1009.94	1003.38	980.94	998.09	1.52	ppb
Yttrium	89-1				83		%
Yttrium	89-2				81		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:42:49	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1996.29	2009.01	1945.06	1983.46	1.71	ppb
Zirconium	90-1	999.58	1000.88	994.70	998.39	0.33	ppb
Zirconium	91-1	1000.16	989.20	987.60	992.32	0.69	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:46:39	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100808.35	98426.00	99547.04	99593.80	1.20	ppb
Antimony	121-1	1.26	1.25	1.39	1.30	5.98	ppb
Arsenic	75-1	1.54	1.68	1.00	1.41	25.54	ppb
Barium	135-1	0.45	0.33	0.34	0.37	17.40	ppb
Barium	137-1	0.40	0.32	0.42	0.38	14.43	ppb
Beryllium	9-1	0.29	0.20	0.23	0.24	17.77	ppb
Bismuth	209-1				78		%
Bismuth	209-2				74		%
Boron	10-1	61.36	55.52	50.09	55.66	10.12	ppb
Boron	11-1	60.17	56.37	50.42	55.65	8.83	ppb
Cadmium	111-1	-0.20	-0.23	0.00	-0.15		ppb
Cadmium	106-1	-3.39	-3.40	-1.04	-2.61		ppb
Cadmium	108-1	0.21	0.22	0.12	0.18	31.17	ppb
Calcium	43-1	494886.19	499424.77	503320.35	499210.44	0.85	ppb
Calcium	44-1	495394.11	498891.56	504216.81	499500.82	0.89	ppb
Chromium	52-2	3.95	3.67	3.75	3.79	3.85	ppb
Cobalt	59-2	11.32	11.17	11.34	11.27	0.83	ppb
Copper	63-2	25.75	24.68	24.98	25.13	2.19	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				88		%
Holmium	165-2				84		%
Indium	115-1				76		%
Indium	115-2				75		%
Iron	56-2	252576.42	247066.14	249147.65	249596.74	1.11	ppb
Iron	57-2	251920.49	246653.29	249113.71	249229.16	1.06	ppb
Krypton	83-1						cps
Lead	206-1	0.78	0.80	0.78	0.79	1.24	ppb
Lead	207-1	0.77	0.81	0.81	0.80	3.09	ppb
Lead	208-1	0.77	0.76	0.80	0.78	2.74	ppb
Lithium	6-1				74		%
Magnesium	24-2	504323.76	492904.96	499561.51	498930.08	1.15	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:46:39	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.18	6.80	6.98	6.99	2.68	ppb
Molybdenum	94-1	1.50	1.69	1.46	1.55	8.12	ppb
Molybdenum	95-1	1.77	1.94	1.82	1.84	4.82	ppb
Molybdenum	96-1	2.22	1.98	2.09	2.10	5.80	ppb
Molybdenum	97-1	1.77	1.55	1.45	1.59	10.24	ppb
Molybdenum	98-1	1.72	1.48	1.70	1.63	8.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.38	16.52	16.68	17.19	6.00	ppb
Phosphorus	31-2	6.38	10.55	-19.13	-0.74		ppb
Potassium	39-2	252037.05	246345.36	249341.32	249241.25	1.14	ppb
Rhodium	103-1				69		%
Rhodium	103-2				68		%
Scandium	45-1				73		%
Scandium	45-2				75		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.23	-0.48	-0.20	0.18	506.75	ppb
Selenium	82-1	-0.17	0.77	0.07	0.22	218.23	ppb
Silicon	28-1	50.00	49.21	51.37	50.19	2.18	ppb
Silver	109-1	0.06	0.05	0.04	0.05	20.91	ppb
Silver	107-1	0.10	0.04	0.05	0.06	47.39	ppb
Sodium	23-2	505802.17	493669.53	496577.37	498683.02	1.27	ppb
Strontium	86-1	4.45	3.63	3.74	3.94	11.35	ppb
Strontium	88-1	3.92	3.91	3.96	3.93	0.66	ppb
Sulfur	34-1	47.47	90.57	338.40	158.81	98.87	ppb
Terbium	159-1				87		%
Terbium	159-2				84		%
Thallium	203-1	0.13	0.20	0.13	0.15	26.13	ppb
Thallium	205-1	0.19	0.15	0.12	0.15	22.94	ppb
Thorium	232-1	0.13	0.11	0.13	0.12	9.10	ppb
Tin	118-1	0.20	0.36	0.24	0.27	30.14	ppb
Titanium	47-1	1.23	1.61	1.78	1.54	18.03	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	5.83	ppb
Vanadium	51-2	0.11	0.12	0.11	0.11	4.90	ppb
Yttrium	89-1				78		%
Yttrium	89-2				77		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:46:39	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.96	14.60	15.25	14.60	4.45	ppb
Zirconium	90-1	0.28	0.23	0.20	0.24	15.87	ppb
Zirconium	91-1	0.15	0.16	0.11	0.14	18.48	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:54:00	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	539.77	522.95	528.24	530.32	1.62	ppb
Antimony	121-1	203.29	199.74	198.21	200.41	1.30	ppb
Arsenic	75-1	196.25	202.78	200.05	199.69	1.64	ppb
Barium	135-1	102.46	100.41	99.49	100.79	1.51	ppb
Barium	137-1	103.01	101.38	100.84	101.74	1.11	ppb
Beryllium	9-1	99.27	99.80	99.64	99.57	0.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	10.57	10.66	10.06	10.43	3.13	ppb
Boron	11-1	10.93	10.00	9.91	10.28	5.48	ppb
Cadmium	111-1	104.58	104.01	102.61	103.73	0.98	ppb
Cadmium	106-1	83.02	78.89	80.24	80.72	2.61	ppb
Cadmium	108-1	110.52	105.94	103.59	106.68	3.30	ppb
Calcium	43-1	2047.04	2064.19	2034.16	2048.47	0.74	ppb
Calcium	44-1	2034.52	2034.14	2041.09	2036.59	0.19	ppb
Chromium	52-2	103.41	103.15	101.80	102.79	0.84	ppb
Cobalt	59-2	101.42	102.27	102.11	101.93	0.44	ppb
Copper	63-2	107.92	107.76	107.51	107.73	0.19	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				97		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	1093.11	1105.12	1092.30	1096.84	0.65	ppb
Iron	57-2	1106.59	1114.43	1106.10	1109.04	0.42	ppb
Krypton	83-1						cps
Lead	206-1	202.61	202.10	202.72	202.48	0.16	ppb
Lead	207-1	192.37	191.95	193.40	192.57	0.39	ppb
Lead	208-1	195.43	194.99	196.11	195.51	0.29	ppb
Lithium	6-1				91		%
Magnesium	24-2	1294.84	1286.32	1310.91	1297.36	0.96	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:54:00	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.72	101.55	99.25	100.17	1.22	ppb
Molybdenum	94-1	1635.86	1648.54	1647.02	1643.80	0.42	ppb
Molybdenum	95-1	2368.69	2459.09	2398.73	2408.84	1.91	ppb
Molybdenum	96-1	2329.16	2346.89	2341.80	2339.28	0.39	ppb
Molybdenum	97-1	2375.41	2374.60	2358.89	2369.63	0.39	ppb
Molybdenum	98-1	2448.13	2450.54	2454.92	2451.20	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.41	107.87	106.46	106.91	0.78	ppb
Phosphorus	31-2	-32.86	-6.29	-17.08	-18.74		ppb
Potassium	39-2	2101.89	2126.16	2109.36	2112.47	0.59	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	77-2	204.42	201.50	198.58	201.50	1.45	ppb
Selenium	78-2	192.44	212.60	209.70	204.92	5.32	ppb
Selenium	82-1	202.25	204.47	204.17	203.63	0.59	ppb
Silicon	28-1	5.92	7.22	8.11	7.08	15.57	ppb
Silver	109-1	91.49	91.85	90.99	91.45	0.47	ppb
Silver	107-1	92.24	90.15	91.44	91.28	1.16	ppb
Sodium	23-2	2141.15	2127.75	2146.86	2138.59	0.46	ppb
Strontium	86-1	2.48	2.55	2.26	2.43	6.24	ppb
Strontium	88-1	2.34	2.27	2.39	2.33	2.62	ppb
Sulfur	34-1	-843.02	-875.28	-1030.85	-916.38		ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	193.64	196.44	193.88	194.66	0.80	ppb
Thallium	205-1	196.04	192.56	194.64	194.42	0.90	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	2.05	ppb
Tin	118-1	0.12	0.11	0.11	0.11	8.29	ppb
Titanium	47-1	2439.22	2445.10	2443.14	2442.48	0.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	57.27	ppb
Vanadium	51-2	99.78	97.02	96.78	97.86	1.71	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:54:00	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	210.10	211.03	211.43	210.85	0.32	ppb
Zirconium	90-1	0.09	0.12	0.10	0.10	12.52	ppb
Zirconium	91-1	0.30	0.24	0.31	0.28	13.67	ppb

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 14:57:37 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.39	0.87	1.16	1.14	22.59	ppb
Antimony	121-1	0.23	0.18	0.17	0.19	17.04	ppb
Arsenic	75-1	0.14	0.03	-0.11	0.02	605.12	ppb
Barium	135-1	0.02	0.00	-0.02	0.00	2825.04	ppb
Barium	137-1	-0.01	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.08	0.03	0.04	0.05	49.98	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	8.08	7.29	6.91	7.42	8.02	ppb
Boron	11-1	7.65	8.02	6.97	7.55	7.02	ppb
Cadmium	111-1	0.08	-0.17	-0.11	-0.06		ppb
Cadmium	106-1	0.91	-2.22	-1.37	-0.90		ppb
Cadmium	108-1	0.09	-0.09	0.00	0.00	2882.24	ppb
Calcium	43-1	3.83	3.03	-1.57	1.76	165.63	ppb
Calcium	44-1	1.15	2.75	1.31	1.74	50.66	ppb
Chromium	52-2	-0.09	-0.04	0.01	-0.04		ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	-0.05	-0.07	-0.04	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	1.34	1.45	1.51	1.43	6.03	ppb
Iron	57-2	-0.51	-0.84	-1.20	-0.85		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00		ppb
Lead	207-1	0.00	-0.01	-0.02	-0.01		ppb
Lead	208-1	0.00	-0.01	0.00	0.00		ppb
Lithium	6-1				92		%
Magnesium	24-2	2.37	3.21	2.13	2.57	22.15	ppb

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 14:57:37 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.01	0.01	0.00	269.89	ppb
Molybdenum	94-1	0.43	0.32	0.32	0.36	17.40	ppb
Molybdenum	95-1	0.67	0.57	0.51	0.58	14.15	ppb
Molybdenum	96-1	0.44	0.53	0.38	0.45	16.67	ppb
Molybdenum	97-1	0.48	0.50	0.40	0.46	11.04	ppb
Molybdenum	98-1	0.59	0.54	0.39	0.50	20.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.06	-0.06	-0.04		ppb
Phosphorus	31-2	-18.27	-22.95	-27.90	-23.04		ppb
Potassium	39-2	0.70	2.25	-1.65	0.43	456.61	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.48	0.00	-0.22	0.09	396.96	ppb
Selenium	82-1	0.18	-0.10	0.70	0.26	156.92	ppb
Silicon	28-1	0.35	0.97	0.44	0.58	57.54	ppb
Silver	109-1	0.02	0.01	0.01	0.01	46.73	ppb
Silver	107-1	0.03	0.02	0.02	0.02	37.79	ppb
Sodium	23-2	20.89	21.17	21.96	21.34	2.61	ppb
Strontium	86-1	0.04	-0.01	-0.02	0.01	426.87	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-748.14	-695.97	-641.27	-695.13		ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	0.06	0.05	0.03	0.05	29.64	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	10.71	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	19.53	ppb
Tin	118-1	0.00	0.01	0.00	0.01	94.88	ppb
Titanium	47-1	0.29	0.19	0.13	0.20	41.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:57:37	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	-0.04	0.03	0.00	5231.83	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.02	0.06	0.00	0.01	336.62	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:01:14	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93567.21	95285.47	93233.47	94028.71	1.17	ppb
Antimony	121-1	1.22	1.28	1.26	1.25	2.59	ppb
Arsenic	75-1	1.29	2.26	2.00	1.85	27.17	ppb
Barium	135-1	1.14	1.58	1.34	1.35	16.19	ppb
Barium	137-1	1.54	1.54	1.39	1.49	5.99	ppb
Beryllium	9-1	0.34	0.27	0.28	0.30	13.56	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	8.65	8.01	7.73	8.13	5.79	ppb
Boron	11-1	7.48	7.47	7.59	7.52	0.89	ppb
Cadmium	111-1	0.28	0.44	0.15	0.29	51.27	ppb
Cadmium	106-1	-5.27	-3.60	-3.89	-4.25		ppb
Cadmium	108-1	18.56	17.01	18.37	17.98	4.71	ppb
Calcium	43-1	101140.84	99574.71	99610.52	100108.69	0.89	ppb
Calcium	44-1	100598.55	100334.85	99776.77	100236.72	0.42	ppb
Chromium	52-2	19.56	20.40	19.19	19.72	3.15	ppb
Cobalt	59-2	1.17	1.27	1.30	1.25	5.54	ppb
Copper	63-2	6.87	6.63	6.14	6.55	5.69	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				94		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				83		%
Iron	56-2	100476.16	102468.62	100328.44	101091.07	1.18	ppb
Iron	57-2	100741.10	102413.76	100558.05	101237.64	1.01	ppb
Krypton	83-1						cps
Lead	206-1	5.04	4.84	5.03	4.97	2.27	ppb
Lead	207-1	4.14	4.28	4.25	4.22	1.77	ppb
Lead	208-1	4.47	4.44	4.50	4.47	0.75	ppb
Lithium	6-1				82		%
Magnesium	24-2	101657.39	103994.77	101409.72	102353.96	1.39	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:01:14	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.03	8.00	7.86	7.96	1.10	ppb
Molybdenum	94-1	1304.50	1284.13	1300.02	1296.22	0.83	ppb
Molybdenum	95-1	1899.84	1878.65	1896.77	1891.75	0.61	ppb
Molybdenum	96-1	1812.79	1787.55	1810.07	1803.47	0.77	ppb
Molybdenum	97-1	1904.79	1888.99	1913.57	1902.45	0.65	ppb
Molybdenum	98-1	1924.41	1895.40	1933.84	1917.88	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.42	5.89	5.60	5.64	4.21	ppb
Phosphorus	31-2	93492.18	96218.72	93429.32	94380.07	1.69	ppb
Potassium	39-2	101850.44	103215.48	101373.35	102146.43	0.94	ppb
Rhodium	103-1				78		%
Rhodium	103-2				80		%
Scandium	45-1				80		%
Scandium	45-2				81		%
Selenium	77-2	0.00	0.00	1.52	0.51	173.21	ppb
Selenium	78-2	-0.59	-0.34	-0.86	-0.60		ppb
Selenium	82-1	0.21	-0.33	0.53	0.14	315.42	ppb
Silicon	28-1	22.97	22.50	23.47	22.98	2.12	ppb
Silver	109-1	0.04	0.08	0.07	0.06	35.21	ppb
Silver	107-1	0.06	0.07	0.04	0.06	21.46	ppb
Sodium	23-2	101196.91	103378.58	101051.89	101875.79	1.28	ppb
Strontium	86-1	33.61	32.17	34.17	33.32	3.10	ppb
Strontium	88-1	33.82	33.64	33.50	33.66	0.48	ppb
Sulfur	34-1	97631.30	97208.25	97171.07	97336.88	0.26	ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	0.17	0.13	0.20	0.17	22.24	ppb
Thallium	205-1	0.13	0.15	0.16	0.14	9.53	ppb
Thorium	232-1	0.01	0.01	0.02	0.02	39.76	ppb
Tin	118-1	0.14	0.18	0.13	0.15	20.08	ppb
Titanium	47-1	2036.94	2014.26	2002.72	2017.97	0.86	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	19.25	ppb
Vanadium	51-2	0.11	0.11	0.13	0.12	9.47	ppb
Yttrium	89-1				85		%
Yttrium	89-2				85		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:01:14	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.57	10.96	11.58	11.04	4.64	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	27.28	ppb
Zirconium	91-1	0.03	0.00	0.02	0.02	90.15	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:04:49	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93349.73	95287.00	93743.47	94126.73	1.09	ppb
Antimony	121-1	21.24	21.58	21.42	21.41	0.80	ppb
Arsenic	75-1	21.23	20.91	21.63	21.26	1.69	ppb
Barium	135-1	21.64	21.38	21.77	21.59	0.92	ppb
Barium	137-1	22.71	22.20	21.80	22.24	2.06	ppb
Beryllium	9-1	21.03	20.18	20.39	20.54	2.13	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	60.67	60.72	61.30	60.90	0.58	ppb
Boron	11-1	59.19	58.55	59.66	59.13	0.94	ppb
Cadmium	111-1	20.74	20.33	20.37	20.48	1.10	ppb
Cadmium	106-1	23.33	22.87	23.90	23.37	2.21	ppb
Cadmium	108-1	38.15	37.63	40.77	38.85	4.33	ppb
Calcium	43-1	101699.25	99756.16	100012.36	100489.26	1.05	ppb
Calcium	44-1	100963.16	100418.76	100430.43	100604.12	0.31	ppb
Chromium	52-2	39.25	39.85	38.30	39.13	2.00	ppb
Cobalt	59-2	20.55	21.04	20.95	20.84	1.25	ppb
Copper	63-2	26.79	27.87	28.15	27.60	2.60	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				97		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	99378.84	101296.10	100109.17	100261.37	0.97	ppb
Iron	57-2	99081.96	102123.08	99926.07	100377.04	1.56	ppb
Krypton	83-1						cps
Lead	206-1	26.36	25.63	26.71	26.23	2.09	ppb
Lead	207-1	23.92	23.91	23.69	23.84	0.54	ppb
Lead	208-1	24.79	24.40	24.83	24.67	0.98	ppb
Lithium	6-1				85		%
Magnesium	24-2	99684.08	101952.12	100985.25	100873.82	1.13	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:04:49	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.68	27.58	27.96	27.74	0.72	ppb
Molybdenum	94-1	1403.32	1390.27	1413.77	1402.45	0.84	ppb
Molybdenum	95-1	1928.60	1941.29	1951.57	1940.49	0.59	ppb
Molybdenum	96-1	1848.96	1844.52	1855.88	1849.78	0.31	ppb
Molybdenum	97-1	1946.78	1932.91	1962.31	1947.34	0.76	ppb
Molybdenum	98-1	1959.77	1969.12	2000.24	1976.37	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.34	24.66	24.30	24.43	0.82	ppb
Phosphorus	31-2	92924.92	96142.57	93873.35	94313.61	1.75	ppb
Potassium	39-2	101409.62	102660.32	101939.21	102003.05	0.62	ppb
Rhodium	103-1				81		%
Rhodium	103-2				81		%
Scandium	45-1				83		%
Scandium	45-2				84		%
Selenium	77-2	14.93	15.02	8.96	12.97	26.80	ppb
Selenium	78-2	21.40	17.06	24.11	20.86	17.06	ppb
Selenium	82-1	17.50	18.93	20.32	18.92	7.47	ppb
Silicon	28-1	71.78	70.93	70.50	71.07	0.92	ppb
Silver	109-1	19.92	19.88	18.87	19.56	3.05	ppb
Silver	107-1	19.84	19.47	19.47	19.59	1.08	ppb
Sodium	23-2	100556.83	102254.40	100993.81	101268.34	0.87	ppb
Strontium	86-1	96.39	94.18	96.59	95.72	1.40	ppb
Strontium	88-1	95.61	95.00	96.43	95.68	0.75	ppb
Sulfur	34-1	98430.05	96729.60	96369.40	97176.35	1.13	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	20.59	20.22	20.41	20.41	0.90	ppb
Thallium	205-1	20.96	20.72	20.81	20.83	0.59	ppb
Thorium	232-1	0.18	0.20	0.16	0.18	9.14	ppb
Tin	118-1	53.03	53.54	51.96	52.84	1.53	ppb
Titanium	47-1	2085.40	2067.08	2047.61	2066.70	0.91	ppb
Uranium	238-1	56.20	55.34	55.35	55.63	0.89	ppb
Vanadium	51-2	19.18	20.58	19.68	19.81	3.59	ppb
Yttrium	89-1				88		%
Yttrium	89-2				87		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:04:49	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.55	31.22	29.92	30.56	2.13	ppb
Zirconium	90-1	52.73	52.51	53.02	52.75	0.48	ppb
Zirconium	91-1	52.96	53.08	53.80	53.28	0.85	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:08:25	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50931.33	51701.50	50923.52	51185.45	0.87	ppb
Antimony	121-1	484.11	474.41	479.66	479.39	1.01	ppb
Arsenic	75-1	504.55	512.56	508.30	508.47	0.79	ppb
Barium	135-1	2432.72	2414.76	2421.80	2423.09	0.37	ppb
Barium	137-1	2398.59	2364.61	2394.75	2385.98	0.78	ppb
Beryllium	9-1	488.07	481.02	485.18	484.76	0.73	ppb
Bismuth	209-1				89		%
Bismuth	209-2				83		%
Boron	10-1	487.57	481.40	489.38	486.12	0.86	ppb
Boron	11-1	478.98	480.31	492.99	484.09	1.60	ppb
Cadmium	111-1	549.35	543.43	547.35	546.71	0.55	ppb
Cadmium	106-1	531.95	520.20	519.70	523.95	1.32	ppb
Cadmium	108-1	540.28	531.43	536.40	536.04	0.83	ppb
Calcium	43-1	237529.91	242253.77	238843.16	239542.28	1.02	ppb
Calcium	44-1	240321.14	242024.47	241723.51	241356.37	0.38	ppb
Chromium	52-2	487.92	493.40	485.67	488.99	0.81	ppb
Cobalt	59-2	487.25	489.84	481.73	486.28	0.85	ppb
Copper	63-2	1093.25	1110.85	1090.04	1098.05	1.02	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				96		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				82		%
Iron	56-2	120997.33	122309.90	119603.76	120970.33	1.12	ppb
Iron	57-2	123638.23	125977.17	124084.01	124566.47	1.00	ppb
Krypton	83-1						cps
Lead	206-1	499.20	498.21	504.23	500.55	0.65	ppb
Lead	207-1	493.09	496.07	498.38	495.85	0.54	ppb
Lead	208-1	490.83	491.23	496.76	492.94	0.67	ppb
Lithium	6-1				83		%
Magnesium	24-2	245941.27	247826.51	244537.09	246101.62	0.67	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:08:25	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	973.64	984.54	966.49	974.89	0.93	ppb
Molybdenum	94-1	2415.00	2391.53	2415.16	2407.23	0.56	ppb
Molybdenum	95-1	2423.49	2425.85	2416.80	2422.04	0.19	ppb
Molybdenum	96-1	2444.31	2473.22	2484.01	2467.18	0.83	ppb
Molybdenum	97-1	2415.06	2400.86	2389.11	2401.68	0.54	ppb
Molybdenum	98-1	2457.74	2473.76	2453.30	2461.60	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.27	480.64	476.98	476.30	0.99	ppb
Phosphorus	31-2	9577.92	9907.91	9648.47	9711.43	1.79	ppb
Potassium	39-2	125782.05	126924.25	124281.75	125662.68	1.05	ppb
Rhodium	103-1				78		%
Rhodium	103-2				78		%
Scandium	45-1				82		%
Scandium	45-2				82		%
Selenium	77-2	477.06	476.47	485.42	479.65	1.04	ppb
Selenium	78-2	505.78	490.27	509.60	501.88	2.04	ppb
Selenium	82-1	503.65	498.92	505.16	502.58	0.65	ppb
Silicon	28-1	486.92	502.69	501.86	497.16	1.79	ppb
Silver	109-1	549.88	539.99	544.17	544.68	0.91	ppb
Silver	107-1	555.70	541.18	549.08	548.65	1.32	ppb
Sodium	23-2	245969.96	250224.53	245985.75	247393.41	0.99	ppb
Strontium	86-1	493.33	495.20	491.37	493.30	0.39	ppb
Strontium	88-1	492.14	490.96	491.16	491.42	0.13	ppb
Sulfur	34-1	9058.35	9442.31	9419.55	9306.74	2.31	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	483.73	491.49	493.32	489.52	1.04	ppb
Thallium	205-1	490.74	494.05	503.60	496.13	1.35	ppb
Thorium	232-1	506.90	504.95	507.87	506.57	0.29	ppb
Tin	118-1	488.44	486.23	483.14	485.93	0.55	ppb
Titanium	47-1	2458.15	2480.11	2452.35	2463.54	0.59	ppb
Uranium	238-1	506.26	507.71	510.15	508.04	0.39	ppb
Vanadium	51-2	489.94	497.88	496.13	494.65	0.84	ppb
Yttrium	89-1				86		%
Yttrium	89-2				85		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:08:25	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1050.53	1064.41	1044.21	1053.05	0.98	ppb
Zirconium	90-1	493.23	490.65	491.95	491.94	0.26	ppb
Zirconium	91-1	499.06	497.62	502.11	499.60	0.46	ppb

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : CCB25 Instrumnet Name : P7
 Client Sample ID : CCB25 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 15:17:27 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	1.05	0.53	0.53	96.10	ppb
Antimony	121-1	0.12	0.14	0.15	0.13	11.60	ppb
Arsenic	75-1	0.18	0.26	-0.01	0.14	98.52	ppb
Barium	135-1	0.01	0.04	0.05	0.03	64.99	ppb
Barium	137-1	0.00	0.02	0.00	0.01	166.24	ppb
Beryllium	9-1	0.09	0.07	0.07	0.08	19.52	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	7.66	7.24	5.64	6.84	15.56	ppb
Boron	11-1	7.78	7.57	6.75	7.37	7.40	ppb
Cadmium	111-1	-0.17	-0.10	-0.10	-0.12		ppb
Cadmium	106-1	-2.60	-1.64	-1.57	-1.94		ppb
Cadmium	108-1	-0.09	-0.09	0.00	-0.06		ppb
Calcium	43-1	-3.64	-1.82	-1.85	-2.43		ppb
Calcium	44-1	1.27	0.03	0.89	0.73	86.59	ppb
Chromium	52-2	-0.04	0.08	-0.01	0.01	536.14	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	40.24	ppb
Copper	63-2	0.05	0.10	0.01	0.05	85.71	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				99		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	0.60	0.55	0.72	0.62	14.07	ppb
Iron	57-2	-0.58	-1.97	0.78	-0.59		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	32.24	ppb
Lead	207-1	0.00	0.04	0.02	0.02	110.14	ppb
Lead	208-1	0.03	0.03	0.02	0.03	23.56	ppb
Lithium	6-1				94		%
Magnesium	24-2	1.16	1.15	1.55	1.29	18.06	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:17:27	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.02	0.02	17.25	ppb
Molybdenum	94-1	0.20	0.14	0.07	0.14	47.42	ppb
Molybdenum	95-1	0.12	0.11	0.10	0.11	8.52	ppb
Molybdenum	96-1	0.16	0.18	0.13	0.16	13.89	ppb
Molybdenum	97-1	0.16	0.24	0.16	0.19	24.26	ppb
Molybdenum	98-1	0.23	0.14	0.10	0.16	42.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.04	0.01	193.42	ppb
Phosphorus	31-2	-0.07	-5.04	-5.21	-3.44		ppb
Potassium	39-2	-1.54	4.02	3.93	2.14	148.96	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.59	0.62	-0.09	0.37	106.73	ppb
Selenium	82-1	0.37	-0.08	0.05	0.11	206.13	ppb
Silicon	28-1	-0.90	-0.19	-0.47	-0.52		ppb
Silver	109-1	0.02	0.01	0.02	0.02	52.82	ppb
Silver	107-1	0.01	0.02	0.02	0.01	13.69	ppb
Sodium	23-2	22.60	22.35	21.32	22.09	3.09	ppb
Strontium	86-1	-0.01	0.08	-0.02	0.02	355.27	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	24.03	-98.28	-35.32	-36.52		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.04	0.03	0.04	7.75	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	9.47	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	2.49	ppb
Tin	118-1	0.03	0.04	0.09	0.05	63.39	ppb
Titanium	47-1	0.00	0.00	0.00	0.00		ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.79	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	34.44	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:17:27	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.23	-0.04	-0.15	-0.14		ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	105.32	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : PB120766BL Instrumnet Name : P7
 Client Sample ID : PBW766 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 15:21:39 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.26	0.02	0.10	141.19	ppb
Antimony	121-1	0.02	0.05	0.04	0.04	45.94	ppb
Arsenic	75-1	0.18	-0.08	-0.03	0.02	593.63	ppb
Barium	135-1	0.00	0.04	-0.02	0.00	628.25	ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.01	0.04	0.07	0.04	68.79	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	3.56	5.35	4.96	4.62	20.26	ppb
Boron	11-1	3.76	3.89	3.99	3.88	2.96	ppb
Cadmium	111-1	-0.05	-0.20	-0.38	-0.21		ppb
Cadmium	106-1	-0.76	-2.38	-4.81	-2.65		ppb
Cadmium	108-1	0.00	0.17	-0.09	0.03	466.06	ppb
Calcium	43-1	-5.42	-5.42	-5.41	-5.42		ppb
Calcium	44-1	-0.52	-0.97	-0.37	-0.62		ppb
Chromium	52-2	0.05	-0.02	0.01	0.01	304.04	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.01	0.11	0.06	87.81	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				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	0.08	0.10	0.24	0.14	61.09	ppb
Iron	57-2	0.76	0.38	-0.59	0.18	380.17	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.02	-0.02	-0.01		ppb
Lead	207-1	0.00	-0.02	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				97		%
Magnesium	24-2	0.29	-0.05	0.31	0.18	108.17	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120766BL	Instrumnet Name :	P7
Client Sample ID :	PBW766	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:21:39	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	0.00	0.00		ppb
Molybdenum	94-1	0.07	0.03	0.11	0.07	60.29	ppb
Molybdenum	95-1	0.08	0.02	0.00	0.04	115.44	ppb
Molybdenum	96-1	0.04	0.06	0.03	0.04	25.75	ppb
Molybdenum	97-1	0.04	0.03	0.05	0.04	27.94	ppb
Molybdenum	98-1	0.06	0.03	0.03	0.04	44.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.03	-0.02	-0.01		ppb
Phosphorus	31-2	-24.43	-10.70	-28.97	-21.36		ppb
Potassium	39-2	-2.30	-4.58	-1.33	-2.74		ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.33	0.97	0.61	0.42	159.80	ppb
Selenium	82-1	0.35	0.23	0.49	0.36	36.47	ppb
Silicon	28-1	-0.54	-1.27	-1.30	-1.03		ppb
Silver	109-1	0.01	0.00	0.02	0.01	69.71	ppb
Silver	107-1	0.01	0.01	0.01	0.01	49.55	ppb
Sodium	23-2	15.65	15.50	14.75	15.30	3.14	ppb
Strontium	86-1	0.01	0.10	0.06	0.05	88.65	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-360.20	-346.63	-340.03	-348.95		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.02	0.04	0.03	52.95	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.92	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	6.15	ppb
Tin	118-1	-0.01	0.00	-0.02	-0.01		ppb
Titanium	47-1	0.03	0.03	-0.02	0.01	231.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	68.10	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	86.61	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120766BL	Instrumnet Name :	P7
Client Sample ID :	PBW766	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:21:39	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.04	-0.05	0.19	0.03	394.76	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	3187.71	ppb
Zirconium	91-1	0.02	0.05	0.04	0.04	44.56	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120766BS	Instrumnet Name :	P7
Client Sample ID :	LCS766	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:25:15	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.72	41.55	42.86	42.71	2.55	ppb
Antimony	121-1	3.98	3.70	3.67	3.79	4.54	ppb
Arsenic	75-1	0.95	2.17	1.50	1.54	39.83	ppb
Barium	135-1	20.11	19.70	19.77	19.86	1.10	ppb
Barium	137-1	20.35	19.60	19.83	19.93	1.93	ppb
Beryllium	9-1	1.97	2.00	2.06	2.01	2.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	45.82	45.44	47.35	46.20	2.19	ppb
Boron	11-1	47.53	46.81	47.38	47.24	0.81	ppb
Cadmium	111-1	2.01	2.06	1.89	1.99	4.34	ppb
Cadmium	106-1	1.96	3.10	1.38	2.15	40.91	ppb
Cadmium	108-1	1.85	1.73	1.46	1.68	11.63	ppb
Calcium	43-1	896.73	909.07	952.78	919.53	3.20	ppb
Calcium	44-1	929.43	953.17	947.62	943.41	1.32	ppb
Chromium	52-2	3.80	3.91	3.96	3.89	2.02	ppb
Cobalt	59-2	1.93	1.99	1.99	1.97	1.90	ppb
Copper	63-2	4.05	3.78	4.09	3.97	4.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	454.14	459.29	458.15	457.19	0.59	ppb
Iron	57-2	456.31	468.90	450.30	458.50	2.07	ppb
Krypton	83-1						cps
Lead	206-1	1.80	1.98	1.97	1.92	5.31	ppb
Lead	207-1	1.85	1.88	1.70	1.81	5.54	ppb
Lead	208-1	1.81	1.86	1.84	1.83	1.29	ppb
Lithium	6-1				98		%
Magnesium	24-2	1010.69	1029.20	1058.13	1032.67	2.32	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120766BS	Instrumnet Name :	P7
Client Sample ID :	LCS766	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:25:15	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.96	2.01	2.27	2.08	7.94	ppb
Molybdenum	94-1	8.88	9.54	9.52	9.32	4.05	ppb
Molybdenum	95-1	10.55	10.14	9.98	10.22	2.86	ppb
Molybdenum	96-1	9.75	9.61	9.63	9.66	0.81	ppb
Molybdenum	97-1	9.29	9.70	9.79	9.59	2.75	ppb
Molybdenum	98-1	9.85	9.86	9.51	9.74	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	2.11	1.97	2.05	3.46	ppb
Phosphorus	31-2	91.16	92.18	59.60	80.98	22.88	ppb
Potassium	39-2	1016.46	1004.93	1009.06	1010.15	0.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	9.19	10.48	11.70	10.46	12.01	ppb
Selenium	78-2	9.24	10.73	9.34	9.77	8.53	ppb
Selenium	82-1	10.62	10.12	10.54	10.43	2.59	ppb
Silicon	28-1	15.85	15.48	16.48	15.94	3.16	ppb
Silver	109-1	2.33	2.25	2.32	2.30	2.03	ppb
Silver	107-1	2.52	2.22	2.32	2.35	6.41	ppb
Sodium	23-2	979.53	980.25	995.95	985.24	0.94	ppb
Strontium	86-1	1.84	1.83	1.98	1.88	4.24	ppb
Strontium	88-1	1.92	1.83	1.93	1.89	2.90	ppb
Sulfur	34-1	-68.43	-90.52	-175.24	-111.40		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1.75	1.88	1.98	1.87	6.31	ppb
Thallium	205-1	1.79	1.87	1.82	1.83	2.35	ppb
Thorium	232-1	1.72	1.71	1.68	1.70	1.35	ppb
Tin	118-1	10.10	10.09	9.82	10.00	1.58	ppb
Titanium	47-1	10.27	9.59	10.08	9.98	3.48	ppb
Uranium	238-1	1.75	1.81	1.72	1.76	2.73	ppb
Vanadium	51-2	9.88	9.99	10.18	10.02	1.51	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120766BS	Instrumnet Name :	P7
Client Sample ID :	LCS766	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:25:15	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.12	4.26	4.24	4.20	1.82	ppb
Zirconium	90-1	1.90	1.86	1.89	1.88	1.07	ppb
Zirconium	91-1	1.88	1.76	1.85	1.83	3.34	ppb

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : PB120836BL Instrumnet Name : P7
 Client Sample ID : PBW836 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 15:28:51 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.80	0.52	0.52	0.61	26.08	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	48.99	ppb
Arsenic	75-1	-0.07	0.20	-0.07	0.02	947.40	ppb
Barium	135-1	0.00	-0.02	0.00	-0.01		ppb
Barium	137-1	-0.02	-0.01	0.01	-0.01		ppb
Beryllium	9-1	0.05	0.03	0.03	0.03	37.81	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	4.95	4.85	6.05	5.28	12.55	ppb
Boron	11-1	4.88	4.65	4.89	4.81	2.80	ppb
Cadmium	111-1	-0.03	-0.12	-0.21	-0.12		ppb
Cadmium	106-1	-0.54	-1.57	-2.49	-1.53		ppb
Cadmium	108-1	0.18	-0.09	0.18	0.09	173.25	ppb
Calcium	43-1	0.42	2.20	-4.56	-0.65		ppb
Calcium	44-1	1.39	1.41	1.52	1.44	4.84	ppb
Chromium	52-2	0.02	0.01	-0.06	-0.01		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.01	0.03	0.01	0.02	61.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	0.36	0.28	0.19	0.28	29.65	ppb
Iron	57-2	2.19	-1.30	-0.95	-0.02		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	31.85	ppb
Lead	207-1	0.01	0.02	0.02	0.02	32.81	ppb
Lead	208-1	0.02	0.01	0.02	0.02	53.73	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.52	-0.03	0.08	0.19	154.71	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120836BL	Instrumnet Name :	P7
Client Sample ID :	PBW836	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:28:51	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.04	0.02	122.68	ppb
Molybdenum	94-1	0.03	0.02	0.02	0.02	40.08	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	244.29	ppb
Molybdenum	96-1	-0.02	0.03	0.00	0.01	364.63	ppb
Molybdenum	97-1	0.02	0.04	0.01	0.02	75.26	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.02	34.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.01	0.02	0.00		ppb
Phosphorus	31-2	-28.94	-29.23	-14.94	-24.37		ppb
Potassium	39-2	5.61	2.87	8.47	5.65	49.60	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.98	0.77	-0.13	-0.11		ppb
Selenium	82-1	1.02	-0.16	0.66	0.51	119.83	ppb
Silicon	28-1	-0.78	-0.86	0.01	-0.54		ppb
Silver	109-1	0.01	0.01	0.02	0.01	62.51	ppb
Silver	107-1	0.00	0.00	0.01	0.00	155.18	ppb
Sodium	23-2	10.02	8.86	6.59	8.49	20.59	ppb
Strontium	86-1	0.04	0.04	0.00	0.03	98.72	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	201.65	ppb
Sulfur	34-1	238.00	244.91	365.43	282.78	25.34	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.04	0.02	0.03	37.75	ppb
Thallium	205-1	0.02	0.03	0.01	0.02	43.60	ppb
Thorium	232-1	0.01	0.01	0.00	0.00	29.34	ppb
Tin	118-1	-0.05	-0.03	-0.04	-0.04		ppb
Titanium	47-1	0.05	0.03	0.03	0.04	25.98	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1.07	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120836BL	Instrumnet Name :	P7
Client Sample ID :	PBW836	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:28:51	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	0.15	0.01	0.07	97.58	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	94.38	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120836BS	Instrumnet Name :	P7
Client Sample ID :	LCS836	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:32:27	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.75	48.53	45.24	45.17	7.51	ppb
Antimony	121-1	4.00	3.93	3.70	3.88	4.08	ppb
Arsenic	75-1	2.01	1.40	2.49	1.97	27.80	ppb
Barium	135-1	20.38	20.02	20.08	20.16	0.94	ppb
Barium	137-1	20.43	20.76	20.21	20.47	1.37	ppb
Beryllium	9-1	1.89	2.00	1.91	1.93	3.13	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	49.85	47.34	49.53	48.91	2.80	ppb
Boron	11-1	47.64	47.44	49.74	48.28	2.64	ppb
Cadmium	111-1	2.34	2.01	2.03	2.13	8.72	ppb
Cadmium	106-1	3.60	-0.62	1.27	1.42	149.30	ppb
Cadmium	108-1	2.28	2.74	1.74	2.25	22.24	ppb
Calcium	43-1	1005.60	946.69	912.86	955.05	4.91	ppb
Calcium	44-1	975.78	982.27	965.11	974.39	0.89	ppb
Chromium	52-2	3.96	4.06	3.92	3.98	1.83	ppb
Cobalt	59-2	1.83	2.00	2.08	1.97	6.54	ppb
Copper	63-2	4.21	4.03	4.13	4.12	2.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	484.62	490.56	485.79	486.99	0.65	ppb
Iron	57-2	499.77	484.23	495.78	493.26	1.64	ppb
Krypton	83-1						cps
Lead	206-1	1.99	1.82	1.98	1.93	5.10	ppb
Lead	207-1	1.81	1.85	1.76	1.81	2.49	ppb
Lead	208-1	1.88	1.84	1.83	1.85	1.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	1034.49	1061.20	1071.95	1055.88	1.83	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120836BS	Instrumnet Name :	P7
Client Sample ID :	LCS836	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:32:27	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.18	1.86	2.01	2.02	7.87	ppb
Molybdenum	94-1	10.06	9.55	9.84	9.82	2.62	ppb
Molybdenum	95-1	9.72	10.07	10.62	10.14	4.48	ppb
Molybdenum	96-1	9.80	10.39	9.77	9.99	3.51	ppb
Molybdenum	97-1	10.19	10.35	10.41	10.32	1.09	ppb
Molybdenum	98-1	10.10	10.31	10.17	10.19	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.00	2.18	2.39	2.19	9.04	ppb
Phosphorus	31-2	71.98	76.87	95.15	81.33	15.01	ppb
Potassium	39-2	1009.08	1019.64	1014.04	1014.25	0.52	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	7.84	11.64	10.45	9.97	19.49	ppb
Selenium	78-2	8.74	13.35	9.82	10.64	22.65	ppb
Selenium	82-1	12.26	10.83	11.02	11.37	6.82	ppb
Silicon	28-1	16.50	17.73	16.49	16.91	4.23	ppb
Silver	109-1	2.32	2.43	2.17	2.31	5.64	ppb
Silver	107-1	2.41	2.35	2.25	2.34	3.64	ppb
Sodium	23-2	998.58	993.33	1009.33	1000.41	0.82	ppb
Strontium	86-1	1.97	2.18	2.03	2.06	5.11	ppb
Strontium	88-1	1.88	1.92	1.97	1.92	2.35	ppb
Sulfur	34-1	151.86	283.84	-55.83	126.63	135.23	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	1.91	1.72	1.79	1.81	5.38	ppb
Thallium	205-1	1.78	1.76	1.77	1.77	0.62	ppb
Thorium	232-1	1.68	1.75	1.67	1.70	2.52	ppb
Tin	118-1	10.59	10.30	10.54	10.48	1.49	ppb
Titanium	47-1	10.09	9.44	9.66	9.73	3.41	ppb
Uranium	238-1	1.86	1.80	1.80	1.82	1.80	ppb
Vanadium	51-2	10.15	10.09	10.39	10.21	1.56	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120836BS	Instrumnet Name :	P7
Client Sample ID :	LCS836	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:32:27	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.88	4.05	5.15	4.36	15.82	ppb
Zirconium	90-1	2.00	1.92	1.96	1.96	2.03	ppb
Zirconium	91-1	1.79	1.85	1.75	1.80	2.92	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3275-22	Instrumnet Name :	P7
Client Sample ID :	MBE5A4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:36:04	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.94	8.08	5.42	7.48	24.49	ppb
Antimony	121-1	0.06	0.05	0.04	0.05	14.65	ppb
Arsenic	75-1	3.35	3.97	3.99	3.77	9.73	ppb
Barium	135-1	247.40	243.99	240.99	244.13	1.31	ppb
Barium	137-1	244.02	240.15	239.87	241.35	0.96	ppb
Beryllium	9-1	0.00	0.02	0.03	0.01	91.50	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	245.65	258.50	261.29	255.15	3.27	ppb
Boron	11-1	246.35	253.04	259.60	253.00	2.62	ppb
Cadmium	111-1	0.06	-0.29	-0.12	-0.12		ppb
Cadmium	106-1	-0.04	-3.73	-1.69	-1.82		ppb
Cadmium	108-1	-0.01	0.07	-0.01	0.02	267.32	ppb
Calcium	43-1	54828.05	55413.97	54725.64	54989.22	0.68	ppb
Calcium	44-1	54756.99	54916.37	55272.21	54981.86	0.48	ppb
Chromium	52-2	-0.01	-0.03	0.00	-0.01		ppb
Cobalt	59-2	0.08	0.10	0.11	0.10	12.83	ppb
Copper	63-2	5.03	5.03	5.36	5.14	3.71	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				112		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	12.63	11.60	11.53	11.92	5.18	ppb
Iron	57-2	194.51	198.42	203.32	198.75	2.22	ppb
Krypton	83-1						cps
Lead	206-1	2.92	2.80	2.88	2.86	2.14	ppb
Lead	207-1	2.78	2.60	2.90	2.76	5.51	ppb
Lead	208-1	2.83	2.66	2.82	2.77	3.58	ppb
Lithium	6-1				106		%
Magnesium	24-2	20511.61	20865.58	20969.41	20782.20	1.15	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3275-22	Instrumnet Name :	P7
Client Sample ID :	MBE5A4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:36:04	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.31	9.35	9.49	9.39	0.99	ppb
Molybdenum	94-1	0.21	0.33	0.25	0.26	23.10	ppb
Molybdenum	95-1	0.30	0.36	0.34	0.33	9.37	ppb
Molybdenum	96-1	0.34	0.33	0.29	0.32	7.45	ppb
Molybdenum	97-1	0.28	0.39	0.45	0.37	23.30	ppb
Molybdenum	98-1	0.34	0.29	0.27	0.30	12.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.32	1.56	1.95	1.61	19.72	ppb
Phosphorus	31-2	28.88	25.25	-1.94	17.40	96.84	ppb
Potassium	39-2	1501.79	1526.96	1513.99	1514.25	0.83	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.39	0.23	-0.19	-0.12		ppb
Selenium	82-1	-0.44	0.35	0.03	-0.02		ppb
Silicon	28-1	8518.28	8479.59	8628.80	8542.22	0.91	ppb
Silver	109-1	0.02	0.00	0.00	0.01	212.00	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.64	ppb
Sodium	23-2	12148.72	12421.53	12374.60	12314.95	1.18	ppb
Strontium	86-1	1055.75	1037.30	1037.79	1043.61	1.01	ppb
Strontium	88-1	1059.88	1065.99	1061.12	1062.33	0.30	ppb
Sulfur	34-1	7988.01	7897.30	8037.38	7974.23	0.89	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.01	0.03	0.03	65.48	ppb
Thallium	205-1	0.05	0.02	0.04	0.04	32.66	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	196.65	ppb
Tin	118-1	-0.04	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.94	0.91	0.90	0.92	2.45	ppb
Uranium	238-1	2.01	1.91	1.85	1.92	4.15	ppb
Vanadium	51-2	6.63	6.77	6.75	6.72	1.06	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3275-22	Instrumnet Name :	P7
Client Sample ID :	MBE5A4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:36:04	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.54	22.94	24.27	23.25	3.91	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	50.28	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	3.81	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:39:41	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2523.50	2498.80	2527.80	2516.70	0.62	ppb
Antimony	121-1	8.26	8.34	8.53	8.37	1.66	ppb
Arsenic	75-1	371.38	376.75	377.11	375.08	0.86	ppb
Barium	135-1	975.47	958.63	967.38	967.16	0.87	ppb
Barium	137-1	963.86	955.01	960.93	959.94	0.47	ppb
Beryllium	9-1	2.07	2.09	2.02	2.06	1.56	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	17.64	17.36	12.85	15.95	16.85	ppb
Boron	11-1	15.45	15.32	15.25	15.34	0.67	ppb
Cadmium	111-1	3.66	3.67	3.43	3.59	3.85	ppb
Cadmium	106-1	-0.23	0.81	1.70	0.76	126.85	ppb
Cadmium	108-1	4.04	3.55	2.98	3.52	15.11	ppb
Calcium	43-1	2996.08	2895.22	2861.18	2917.49	2.40	ppb
Calcium	44-1	2908.45	2884.75	2927.46	2906.89	0.74	ppb
Chromium	52-2	1.65	1.66	1.72	1.68	2.43	ppb
Cobalt	59-2	21.21	21.43	21.69	21.44	1.14	ppb
Copper	63-2	423.67	420.38	425.59	423.21	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	26385.60	26064.95	26279.85	26243.47	0.62	ppb
Iron	57-2	25950.62	25806.71	26378.13	26045.15	1.14	ppb
Krypton	83-1						cps
Lead	206-1	196.38	195.05	192.17	194.54	1.11	ppb
Lead	207-1	181.24	181.39	182.84	181.82	0.49	ppb
Lead	208-1	187.22	186.73	185.50	186.48	0.48	ppb
Lithium	6-1				90		%
Magnesium	24-2	534.71	525.45	533.97	531.38	0.97	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:39:41	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8818.04	8682.38	8771.61	8757.34	0.79	ppb
Molybdenum	94-1	4.16	4.33	4.12	4.20	2.70	ppb
Molybdenum	95-1	5.40	5.66	5.39	5.48	2.78	ppb
Molybdenum	96-1	5.62	5.14	5.75	5.50	5.78	ppb
Molybdenum	97-1	5.93	5.70	5.65	5.76	2.66	ppb
Molybdenum	98-1	5.55	5.52	5.58	5.55	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.49	11.18	11.94	11.54	3.31	ppb
Phosphorus	31-2	1099.60	1155.49	1080.24	1111.77	3.51	ppb
Potassium	39-2	1037.94	1036.43	1002.45	1025.60	1.96	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	77-2	3.92	5.16	6.41	5.16	24.09	ppb
Selenium	78-2	1.81	2.62	1.74	2.06	23.71	ppb
Selenium	82-1	0.68	-0.03	0.08	0.24	157.36	ppb
Silicon	28-1	1931.24	1959.70	1957.53	1949.49	0.81	ppb
Silver	109-1	24.18	23.58	24.44	24.07	1.84	ppb
Silver	107-1	24.14	23.63	23.56	23.78	1.35	ppb
Sodium	23-2	77.19	74.55	78.22	76.65	2.47	ppb
Strontium	86-1	90.62	89.13	89.60	89.78	0.85	ppb
Strontium	88-1	90.66	89.72	90.29	90.22	0.52	ppb
Sulfur	34-1	121.91	5.65	207.70	111.75	90.74	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	2.89	3.11	3.12	3.04	4.29	ppb
Thallium	205-1	2.99	3.18	2.97	3.05	3.80	ppb
Thorium	232-1	13.38	13.37	13.33	13.36	0.20	ppb
Tin	118-1	0.38	0.35	0.43	0.39	10.18	ppb
Titanium	47-1	30.57	31.63	29.98	30.73	2.71	ppb
Uranium	238-1	11.01	10.99	10.94	10.98	0.31	ppb
Vanadium	51-2	26.66	26.60	26.81	26.69	0.41	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:39:41	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	209.77	205.42	209.26	208.15	1.14	ppb
Zirconium	90-1	0.21	0.24	0.23	0.23	5.02	ppb
Zirconium	91-1	0.44	0.42	0.36	0.41	10.56	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	2
Date & Time Acquired ::	2019-06-24 15:43:17	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1259.97	1287.83	1282.38	1276.72	1.16	ppb
Antimony	121-1	4.51	4.41	4.11	4.34	4.69	ppb
Arsenic	75-1	204.83	208.59	192.36	201.93	4.21	ppb
Barium	135-1	505.91	514.60	473.99	498.17	4.29	ppb
Barium	137-1	497.98	516.07	470.45	494.83	4.64	ppb
Beryllium	9-1	1.13	1.10	1.18	1.13	3.66	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	7.97	8.82	7.66	8.15	7.41	ppb
Boron	11-1	8.13	7.81	7.23	7.72	5.88	ppb
Cadmium	111-1	1.82	2.12	1.51	1.82	16.70	ppb
Cadmium	106-1	0.70	4.19	0.37	1.75	120.76	ppb
Cadmium	108-1	2.31	2.26	2.18	2.25	2.84	ppb
Calcium	43-1	1492.40	1494.57	1427.73	1471.57	2.58	ppb
Calcium	44-1	1517.29	1509.50	1456.18	1494.33	2.23	ppb
Chromium	52-2	0.71	0.88	0.95	0.85	14.26	ppb
Cobalt	59-2	11.13	11.11	11.18	11.14	0.31	ppb
Copper	63-2	214.75	215.80	215.60	215.38	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	13309.44	13402.86	13176.36	13296.22	0.86	ppb
Iron	57-2	13350.31	13422.17	13281.53	13351.34	0.53	ppb
Krypton	83-1						cps
Lead	206-1	99.16	102.66	95.35	99.06	3.69	ppb
Lead	207-1	93.68	95.16	88.82	92.55	3.58	ppb
Lead	208-1	95.96	97.95	92.18	95.37	3.07	ppb
Lithium	6-1				96		%
Magnesium	24-2	264.38	265.30	272.32	267.33	1.62	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	2
Date & Time Acquired ::	2019-06-24 15:43:17	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4401.59	4439.27	4391.48	4410.78	0.57	ppb
Molybdenum	94-1	1.99	2.38	2.05	2.14	9.91	ppb
Molybdenum	95-1	2.94	3.30	2.89	3.04	7.43	ppb
Molybdenum	96-1	2.89	3.02	2.81	2.91	3.56	ppb
Molybdenum	97-1	2.89	3.01	2.82	2.91	3.43	ppb
Molybdenum	98-1	2.75	2.92	2.75	2.81	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.26	6.14	5.86	5.76	7.81	ppb
Phosphorus	31-2	561.32	587.04	711.63	620.00	12.97	ppb
Potassium	39-2	523.62	524.53	515.03	521.06	1.01	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	5.09	9.04	3.82	5.98	45.44	ppb
Selenium	78-2	1.72	0.06	1.30	1.02	84.29	ppb
Selenium	82-1	-0.06	0.41	0.60	0.32	108.67	ppb
Silicon	28-1	982.90	1006.64	946.77	978.77	3.08	ppb
Silver	109-1	12.89	12.80	12.08	12.59	3.50	ppb
Silver	107-1	12.82	12.72	12.07	12.54	3.26	ppb
Sodium	23-2	55.47	57.67	56.22	56.45	1.99	ppb
Strontium	86-1	48.56	49.96	44.81	47.77	5.58	ppb
Strontium	88-1	47.67	48.95	45.08	47.23	4.18	ppb
Sulfur	34-1	-559.60	-401.20	-1005.73	-655.51		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	1.43	1.65	1.51	1.53	7.41	ppb
Thallium	205-1	1.67	1.63	1.49	1.60	6.03	ppb
Thorium	232-1	6.72	6.82	6.50	6.68	2.47	ppb
Tin	118-1	0.25	0.24	0.23	0.24	4.06	ppb
Titanium	47-1	15.03	16.58	15.05	15.55	5.71	ppb
Uranium	238-1	5.62	5.73	5.31	5.56	3.94	ppb
Vanadium	51-2	14.09	13.84	13.69	13.87	1.47	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	2
Date & Time Acquired ::	2019-06-24 15:43:17	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	104.10	105.06	105.11	104.76	0.54	ppb
Zirconium	90-1	0.14	0.12	0.11	0.12	11.15	ppb
Zirconium	91-1	0.24	0.15	0.20	0.20	23.85	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19DL2X10	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	10
Date & Time Acquired ::	2019-06-24 15:46:54	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	245.74	250.89	251.02	249.22	1.21	ppb
Antimony	121-1	0.84	0.87	0.85	0.85	2.03	ppb
Arsenic	75-1	40.67	42.51	40.82	41.33	2.47	ppb
Barium	135-1	98.55	99.43	97.18	98.38	1.15	ppb
Barium	137-1	98.68	97.98	98.82	98.49	0.46	ppb
Beryllium	9-1	0.15	0.25	0.25	0.21	26.41	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	4.37	5.37	4.26	4.67	13.16	ppb
Boron	11-1	4.12	3.43	3.43	3.66	10.87	ppb
Cadmium	111-1	0.29	0.20	0.08	0.19	53.31	ppb
Cadmium	106-1	-1.35	-0.81	-2.12	-1.42		ppb
Cadmium	108-1	0.17	0.44	0.52	0.38	48.76	ppb
Calcium	43-1	291.85	297.33	267.70	285.63	5.52	ppb
Calcium	44-1	293.33	298.93	291.44	294.57	1.32	ppb
Chromium	52-2	0.17	0.20	0.17	0.18	11.07	ppb
Cobalt	59-2	2.14	2.16	2.06	2.12	2.38	ppb
Copper	63-2	42.00	43.09	43.00	42.70	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	2618.61	2614.81	2612.37	2615.26	0.12	ppb
Iron	57-2	2658.73	2728.54	2618.72	2668.66	2.08	ppb
Krypton	83-1						cps
Lead	206-1	19.67	19.64	19.63	19.65	0.09	ppb
Lead	207-1	18.20	18.44	18.20	18.28	0.76	ppb
Lead	208-1	18.87	18.92	19.00	18.93	0.34	ppb
Lithium	6-1				98		%
Magnesium	24-2	50.83	51.61	47.61	50.02	4.23	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19DL2X10	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	10
Date & Time Acquired ::	2019-06-24 15:46:54	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	886.06	885.59	878.22	883.29	0.50	ppb
Molybdenum	94-1	0.50	0.37	0.50	0.46	16.70	ppb
Molybdenum	95-1	0.69	0.62	0.57	0.63	9.08	ppb
Molybdenum	96-1	0.49	0.67	0.68	0.61	17.81	ppb
Molybdenum	97-1	0.51	0.66	0.64	0.60	13.33	ppb
Molybdenum	98-1	0.57	0.60	0.60	0.59	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.04	1.22	1.12	8.45	ppb
Phosphorus	31-2	54.46	108.21	75.65	79.44	34.08	ppb
Potassium	39-2	109.51	105.36	97.47	104.11	5.87	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	0.00	2.57	0.00	0.86	173.21	ppb
Selenium	78-2	-0.35	0.05	-0.15	-0.15		ppb
Selenium	82-1	0.58	0.06	0.18	0.27	98.23	ppb
Silicon	28-1	194.63	197.91	196.44	196.33	0.84	ppb
Silver	109-1	2.53	2.40	2.51	2.48	2.78	ppb
Silver	107-1	2.31	2.56	2.56	2.48	5.85	ppb
Sodium	23-2	23.20	26.93	23.05	24.39	9.02	ppb
Strontium	86-1	9.54	9.66	9.40	9.53	1.40	ppb
Strontium	88-1	9.58	9.68	9.61	9.63	0.51	ppb
Sulfur	34-1	-1428.38	-1412.62	-1181.40	-1340.80		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.31	0.28	0.32	0.30	8.08	ppb
Thallium	205-1	0.29	0.32	0.35	0.32	8.51	ppb
Thorium	232-1	1.34	1.28	1.32	1.31	2.45	ppb
Tin	118-1	0.03	0.08	0.05	0.05	47.77	ppb
Titanium	47-1	3.29	2.55	2.64	2.83	14.20	ppb
Uranium	238-1	1.10	1.10	1.08	1.09	0.77	ppb
Vanadium	51-2	2.85	2.75	2.48	2.69	7.25	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19DL2X10	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	10
Date & Time Acquired ::	2019-06-24 15:46:54	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	20.68	21.04	19.71	20.48	3.36	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	20.90	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	27.25	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:51:59	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50704.81	50786.46	51311.61	50934.29	0.65	ppb
Antimony	121-1	473.31	475.53	471.98	473.60	0.38	ppb
Arsenic	75-1	500.73	505.41	494.01	500.05	1.15	ppb
Barium	135-1	2420.11	2371.91	2362.89	2384.97	1.29	ppb
Barium	137-1	2397.76	2373.12	2347.26	2372.71	1.06	ppb
Beryllium	9-1	481.27	484.37	484.19	483.28	0.36	ppb
Bismuth	209-1				86		%
Bismuth	209-2				80		%
Boron	10-1	465.44	491.70	488.02	481.72	2.95	ppb
Boron	11-1	471.47	478.46	484.00	477.98	1.31	ppb
Cadmium	111-1	525.69	514.70	512.23	517.54	1.38	ppb
Cadmium	106-1	523.22	504.87	495.13	507.74	2.81	ppb
Cadmium	108-1	519.38	513.24	501.28	511.30	1.80	ppb
Calcium	43-1	237782.21	236528.65	241255.24	238522.03	1.03	ppb
Calcium	44-1	243623.77	240480.85	246072.98	243392.53	1.15	ppb
Chromium	52-2	485.69	479.55	492.74	485.99	1.36	ppb
Cobalt	59-2	478.91	474.68	483.04	478.88	0.87	ppb
Copper	63-2	1035.96	1032.17	1049.35	1039.16	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				94		%
Holmium	165-2				89		%
Indium	115-1				82		%
Indium	115-2				79		%
Iron	56-2	121566.10	120780.26	122261.92	121536.10	0.61	ppb
Iron	57-2	120418.68	120093.74	122067.19	120859.87	0.88	ppb
Krypton	83-1						cps
Lead	206-1	501.25	504.13	501.61	502.33	0.31	ppb
Lead	207-1	501.51	500.45	499.75	500.57	0.18	ppb
Lead	208-1	496.70	495.88	493.67	495.42	0.32	ppb
Lithium	6-1				83		%
Magnesium	24-2	247192.30	246705.95	251100.33	248332.86	0.97	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:51:59	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	955.05	956.02	975.93	962.33	1.22	ppb
Molybdenum	94-1	2450.72	2422.86	2415.90	2429.83	0.76	ppb
Molybdenum	95-1	2430.57	2423.68	2429.08	2427.78	0.15	ppb
Molybdenum	96-1	2483.54	2494.67	2496.81	2491.67	0.29	ppb
Molybdenum	97-1	2416.01	2417.92	2397.07	2410.33	0.48	ppb
Molybdenum	98-1	2495.51	2511.00	2521.31	2509.27	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.77	471.97	471.87	471.54	0.14	ppb
Phosphorus	31-2	9813.48	9311.83	9592.03	9572.45	2.63	ppb
Potassium	39-2	126855.93	126352.44	127172.68	126793.68	0.33	ppb
Rhodium	103-1				76		%
Rhodium	103-2				75		%
Scandium	45-1				81		%
Scandium	45-2				80		%
Selenium	77-2	489.99	490.27	527.61	502.62	4.30	ppb
Selenium	78-2	487.13	484.53	507.91	493.19	2.60	ppb
Selenium	82-1	484.44	488.94	489.22	487.53	0.55	ppb
Silicon	28-1	492.39	499.90	509.15	500.48	1.68	ppb
Silver	109-1	526.71	521.73	515.55	521.33	1.07	ppb
Silver	107-1	526.31	521.79	516.53	521.54	0.94	ppb
Sodium	23-2	250803.24	248974.78	251547.08	250441.70	0.53	ppb
Strontium	86-1	496.18	489.34	496.49	494.00	0.82	ppb
Strontium	88-1	499.22	498.67	503.16	500.35	0.49	ppb
Sulfur	34-1	9922.01	9809.39	9898.82	9876.74	0.60	ppb
Terbium	159-1				93		%
Terbium	159-2				88		%
Thallium	203-1	491.37	494.10	490.85	492.11	0.35	ppb
Thallium	205-1	504.53	506.22	508.92	506.56	0.44	ppb
Thorium	232-1	514.34	512.78	515.89	514.34	0.30	ppb
Tin	118-1	482.81	474.39	477.00	478.06	0.90	ppb
Titanium	47-1	2496.81	2429.47	2493.37	2473.22	1.53	ppb
Uranium	238-1	514.13	520.42	516.96	517.17	0.61	ppb
Vanadium	51-2	489.88	486.98	496.16	491.01	0.96	ppb
Yttrium	89-1				83		%
Yttrium	89-2				82		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:51:59	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	995.52	990.73	1010.94	999.06	1.06	ppb
Zirconium	90-1	493.02	493.58	492.31	492.97	0.13	ppb
Zirconium	91-1	503.67	501.46	504.09	503.07	0.28	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:55:34	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.92	2.70	1.66	2.09	25.95	ppb
Antimony	121-1	0.27	0.29	0.40	0.32	21.43	ppb
Arsenic	75-1	0.07	-0.04	0.13	0.06	149.94	ppb
Barium	135-1	0.16	0.14	0.14	0.15	11.05	ppb
Barium	137-1	0.19	0.13	0.16	0.16	20.16	ppb
Beryllium	9-1	0.08	0.15	0.12	0.12	32.30	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	19.44	20.37	17.96	19.25	6.32	ppb
Boron	11-1	20.58	18.12	18.70	19.13	6.71	ppb
Cadmium	111-1	-0.17	0.07	-0.11	-0.07		ppb
Cadmium	106-1	-2.71	0.20	-2.08	-1.53		ppb
Cadmium	108-1	0.09	0.28	-0.09	0.09	193.41	ppb
Calcium	43-1	11.20	2.10	8.65	7.32	64.11	ppb
Calcium	44-1	17.59	14.36	11.95	14.63	19.36	ppb
Chromium	52-2	0.04	0.03	0.00	0.02	96.28	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	27.55	ppb
Copper	63-2	0.18	0.12	0.11	0.14	29.49	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				93		%
Iron	56-2	6.07	5.70	4.98	5.58	9.90	ppb
Iron	57-2	5.62	4.13	11.07	6.94	52.61	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.02	0.04	36.80	ppb
Lead	207-1	0.04	0.04	0.04	0.04	9.01	ppb
Lead	208-1	0.04	0.04	0.02	0.03	27.28	ppb
Lithium	6-1				91		%
Magnesium	24-2	12.35	7.67	7.10	9.04	31.82	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:55:34	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.03	0.04	20.98	ppb
Molybdenum	94-1	0.51	0.40	0.40	0.44	13.99	ppb
Molybdenum	95-1	0.66	0.45	0.53	0.55	19.89	ppb
Molybdenum	96-1	0.49	0.47	0.40	0.46	10.32	ppb
Molybdenum	97-1	0.44	0.43	0.53	0.47	12.01	ppb
Molybdenum	98-1	0.47	0.54	0.43	0.48	11.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.05	-0.03		ppb
Phosphorus	31-2	-18.34	-23.48	-8.22	-16.68		ppb
Potassium	39-2	10.55	5.31	7.79	7.89	33.23	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	1.38	0.46	173.21	ppb
Selenium	78-2	0.25	-0.94	0.43	-0.09		ppb
Selenium	82-1	0.35	0.22	0.23	0.26	27.32	ppb
Silicon	28-1	1.18	0.93	0.99	1.03	12.41	ppb
Silver	109-1	0.08	0.05	0.06	0.06	27.21	ppb
Silver	107-1	0.04	0.08	0.07	0.06	29.16	ppb
Sodium	23-2	55.26	51.88	48.60	51.91	6.42	ppb
Strontium	86-1	0.00	0.10	0.04	0.05	103.79	ppb
Strontium	88-1	0.03	0.02	0.03	0.03	17.45	ppb
Sulfur	34-1	-175.73	-205.85	-83.66	-155.08		ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.12	0.10	0.10	0.11	14.58	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	6.74	ppb
Thorium	232-1	0.09	0.08	0.08	0.08	4.65	ppb
Tin	118-1	0.09	0.07	0.14	0.10	36.96	ppb
Titanium	47-1	0.30	0.21	0.15	0.22	33.49	ppb
Uranium	238-1	0.04	0.04	0.02	0.03	31.92	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	24.83	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:55:34	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.21	-0.08	0.10	0.08	185.33	ppb
Zirconium	90-1	0.06	0.06	0.03	0.05	31.80	ppb
Zirconium	91-1	0.05	0.03	0.07	0.05	36.49	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:59:10	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.22	22.20	25.21	22.54	11.16	ppb
Antimony	121-1	1.97	1.99	2.02	1.99	1.12	ppb
Arsenic	75-1	0.65	1.18	0.86	0.90	29.61	ppb
Barium	135-1	10.71	9.62	9.93	10.09	5.57	ppb
Barium	137-1	9.96	10.56	9.61	10.04	4.77	ppb
Beryllium	9-1	0.99	0.98	0.98	0.98	0.81	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	29.34	31.12	30.41	30.29	2.96	ppb
Boron	11-1	29.36	29.87	30.34	29.86	1.65	ppb
Cadmium	111-1	1.13	0.92	0.99	1.01	10.35	ppb
Cadmium	106-1	1.31	-1.38	-0.97	-0.35		ppb
Cadmium	108-1	0.98	1.18	0.82	0.99	18.17	ppb
Calcium	43-1	457.35	476.48	504.13	479.32	4.91	ppb
Calcium	44-1	489.17	480.64	471.95	480.59	1.79	ppb
Chromium	52-2	1.77	2.02	1.96	1.92	6.73	ppb
Cobalt	59-2	0.85	1.00	0.95	0.93	8.29	ppb
Copper	63-2	1.92	2.12	2.02	2.02	5.03	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				98		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	56.56	56.40	55.41	56.13	1.11	ppb
Iron	57-2	51.66	56.27	64.04	57.32	10.92	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.99	0.99	0.98	2.27	ppb
Lead	207-1	0.98	0.92	0.90	0.93	4.15	ppb
Lead	208-1	0.95	0.95	0.96	0.95	0.52	ppb
Lithium	6-1				95		%
Magnesium	24-2	539.99	564.92	526.25	543.72	3.61	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:59:10	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.12	1.04	1.16	1.11	5.43	ppb
Molybdenum	94-1	4.79	5.06	4.98	4.94	2.83	ppb
Molybdenum	95-1	5.02	5.01	4.94	4.99	0.81	ppb
Molybdenum	96-1	4.74	5.17	4.84	4.92	4.59	ppb
Molybdenum	97-1	5.35	5.00	5.19	5.18	3.38	ppb
Molybdenum	98-1	5.13	4.99	4.89	5.00	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.07	0.96	1.02	5.45	ppb
Phosphorus	31-2	5.60	35.48	35.02	25.37	67.49	ppb
Potassium	39-2	525.92	529.39	524.29	526.53	0.49	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	6.90	5.53	4.11	5.52	25.31	ppb
Selenium	78-2	6.37	2.03	5.17	4.52	49.55	ppb
Selenium	82-1	5.91	6.28	4.94	5.71	12.09	ppb
Silicon	28-1	7.24	7.52	7.79	7.52	3.68	ppb
Silver	109-1	1.21	1.26	1.29	1.25	3.37	ppb
Silver	107-1	1.22	1.13	1.18	1.18	4.00	ppb
Sodium	23-2	529.40	539.66	526.87	531.98	1.27	ppb
Strontium	86-1	1.03	0.85	1.06	0.98	11.93	ppb
Strontium	88-1	0.93	0.96	0.98	0.96	2.53	ppb
Sulfur	34-1	-172.88	-150.90	-317.43	-213.74		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	1.00	1.01	0.87	0.96	7.76	ppb
Thallium	205-1	0.96	1.00	0.99	0.98	1.84	ppb
Thorium	232-1	0.91	0.89	0.86	0.89	2.94	ppb
Tin	118-1	4.91	5.15	5.08	5.05	2.42	ppb
Titanium	47-1	5.04	5.34	5.11	5.16	3.04	ppb
Uranium	238-1	0.92	0.93	0.92	0.92	0.86	ppb
Vanadium	51-2	5.41	5.21	5.22	5.28	2.12	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:59:10	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.19	1.86	2.22	2.09	9.31	ppb
Zirconium	90-1	1.02	0.96	0.97	0.98	2.99	ppb
Zirconium	91-1	0.94	1.04	0.94	0.97	6.09	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-01	Instrumnet Name :	P7
Client Sample ID :	MBE5B0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:02:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.06	4.98	6.24	5.43	12.96	ppb
Antimony	121-1	0.10	0.09	0.14	0.11	23.15	ppb
Arsenic	75-1	4.82	4.76	5.07	4.88	3.36	ppb
Barium	135-1	68.66	65.84	67.25	67.25	2.09	ppb
Barium	137-1	69.71	67.11	67.67	68.16	2.01	ppb
Beryllium	9-1	0.03	0.01	0.00	0.02	84.46	ppb
Bismuth	209-1				121		%
Bismuth	209-2				108		%
Boron	10-1	139.97	139.35	147.63	142.32	3.24	ppb
Boron	11-1	142.28	141.02	146.43	143.24	1.98	ppb
Cadmium	111-1	-0.21	-0.14	-0.11	-0.15		ppb
Cadmium	106-1	-3.16	-2.83	-1.99	-2.66		ppb
Cadmium	108-1	-0.02	-0.09	-0.02	-0.04		ppb
Calcium	43-1	52551.99	50803.69	51245.16	51533.61	1.76	ppb
Calcium	44-1	52551.06	51392.48	52675.79	52206.45	1.36	ppb
Chromium	52-2	0.15	0.04	0.06	0.08	72.02	ppb
Cobalt	59-2	0.12	0.11	0.09	0.11	14.58	ppb
Copper	63-2	1.28	1.46	1.38	1.37	6.51	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				124		%
Holmium	165-2				111		%
Indium	115-1				116		%
Indium	115-2				107		%
Iron	56-2	4.22	5.56	4.77	4.85	13.94	ppb
Iron	57-2	180.31	192.80	183.51	185.54	3.50	ppb
Krypton	83-1						cps
Lead	206-1	1.86	1.74	1.77	1.79	3.36	ppb
Lead	207-1	1.67	1.56	1.60	1.61	3.65	ppb
Lead	208-1	1.74	1.61	1.70	1.68	4.02	ppb
Lithium	6-1				117		%
Magnesium	24-2	25661.97	25389.51	25832.20	25627.90	0.87	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-01	Instrumnet Name :	P7
Client Sample ID :	MBE5B0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:02:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	38.51	38.51	38.30	38.44	0.31	ppb
Molybdenum	94-1	0.78	0.83	0.97	0.86	11.33	ppb
Molybdenum	95-1	1.25	1.09	1.09	1.14	8.06	ppb
Molybdenum	96-1	1.15	0.97	1.09	1.07	8.51	ppb
Molybdenum	97-1	1.11	1.25	1.02	1.13	10.44	ppb
Molybdenum	98-1	1.13	1.16	1.16	1.15	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.29	0.22	0.29	22.68	ppb
Phosphorus	31-2	-0.12	3.47	-21.70	-6.12		ppb
Potassium	39-2	1970.90	1950.04	2008.57	1976.50	1.50	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.45	-0.08	-0.06	-0.20		ppb
Selenium	82-1	0.94	0.81	0.15	0.63	67.10	ppb
Silicon	28-1	9285.90	9100.26	9136.80	9174.32	1.07	ppb
Silver	109-1	0.04	0.07	0.07	0.06	28.64	ppb
Silver	107-1	0.07	0.08	0.07	0.07	8.69	ppb
Sodium	23-2	15922.49	15793.36	16343.10	16019.65	1.79	ppb
Strontium	86-1	520.89	503.96	507.90	510.91	1.73	ppb
Strontium	88-1	530.91	512.57	524.82	522.77	1.79	ppb
Sulfur	34-1	11089.52	10460.36	10713.09	10754.32	2.94	ppb
Terbium	159-1				124		%
Terbium	159-2				111		%
Thallium	203-1	0.12	0.09	0.10	0.11	14.58	ppb
Thallium	205-1	0.14	0.08	0.08	0.10	38.01	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	302.46	ppb
Tin	118-1	0.05	0.05	0.10	0.07	40.21	ppb
Titanium	47-1	0.72	0.85	0.98	0.85	15.55	ppb
Uranium	238-1	2.08	2.05	2.08	2.07	0.95	ppb
Vanadium	51-2	10.84	10.42	10.48	10.58	2.12	ppb
Yttrium	89-1				118		%
Yttrium	89-2				107		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-01	Instrumnet Name :	P7
Client Sample ID :	MBE5B0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:02:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	49.25	48.77	51.10	49.71	2.47	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	97.56	ppb
Zirconium	91-1	0.02	0.04	-0.02	0.01	191.62	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-02	Instrumnet Name :	P7
Client Sample ID :	MBE5A9	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:06:22	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.79	5.28	7.78	5.95	27.01	ppb
Antimony	121-1	0.07	0.09	0.09	0.08	8.30	ppb
Arsenic	75-1	8.43	9.95	10.10	9.49	9.77	ppb
Barium	135-1	156.42	156.02	154.92	155.79	0.50	ppb
Barium	137-1	158.70	156.69	157.64	157.68	0.64	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	48.64	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	10-1	264.77	280.66	277.55	274.33	3.07	ppb
Boron	11-1	265.93	274.33	278.69	272.99	2.38	ppb
Cadmium	111-1	-0.05	-0.24	-0.08	-0.12		ppb
Cadmium	106-1	-1.21	-3.75	-1.62	-2.20		ppb
Cadmium	108-1	0.13	-0.01	0.22	0.11	103.67	ppb
Calcium	43-1	54997.19	55448.56	55015.43	55153.72	0.46	ppb
Calcium	44-1	55087.54	55996.81	56352.88	55812.41	1.17	ppb
Chromium	52-2	0.03	0.02	0.09	0.05	78.01	ppb
Cobalt	59-2	0.06	0.08	0.07	0.07	19.33	ppb
Copper	63-2	10.18	9.80	10.44	10.14	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				117		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	19.12	18.54	19.63	19.10	2.86	ppb
Iron	57-2	199.24	205.46	213.93	206.21	3.57	ppb
Krypton	83-1						cps
Lead	206-1	6.77	6.48	6.67	6.64	2.21	ppb
Lead	207-1	6.02	6.25	6.20	6.15	1.98	ppb
Lead	208-1	6.35	6.30	6.31	6.32	0.44	ppb
Lithium	6-1				108		%
Magnesium	24-2	20268.10	20088.07	20641.65	20332.61	1.39	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-02	Instrumnet Name :	P7
Client Sample ID :	MBE5A9	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:06:22	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.85	7.79	7.94	7.86	0.97	ppb
Molybdenum	94-1	0.26	0.33	0.28	0.29	12.51	ppb
Molybdenum	95-1	0.33	0.28	0.30	0.31	8.02	ppb
Molybdenum	96-1	0.42	0.33	0.34	0.37	13.90	ppb
Molybdenum	97-1	0.31	0.53	0.32	0.39	31.16	ppb
Molybdenum	98-1	0.29	0.37	0.36	0.34	13.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.47	1.59	1.63	1.56	5.39	ppb
Phosphorus	31-2	41.81	15.02	43.03	33.29	47.55	ppb
Potassium	39-2	1404.80	1419.99	1421.72	1415.51	0.66	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	0.00	1.26	1.26	0.84	86.60	ppb
Selenium	78-2	0.21	0.42	-0.20	0.14	222.66	ppb
Selenium	82-1	-0.11	0.11	0.43	0.14	188.82	ppb
Silicon	28-1	9082.30	9212.42	9235.72	9176.82	0.90	ppb
Silver	109-1	0.12	0.17	0.16	0.15	17.54	ppb
Silver	107-1	0.11	0.13	0.20	0.14	34.20	ppb
Sodium	23-2	12723.05	12661.08	12817.32	12733.82	0.62	ppb
Strontium	86-1	1074.00	1074.44	1056.01	1068.15	0.98	ppb
Strontium	88-1	1105.73	1113.35	1101.30	1106.79	0.55	ppb
Sulfur	34-1	8526.88	8672.63	8638.77	8612.76	0.89	ppb
Terbium	159-1				117		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.04	0.04	0.04	10.79	ppb
Thallium	205-1	0.05	0.03	0.03	0.04	39.44	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.05	0.01	0.02	0.00		ppb
Titanium	47-1	1.22	0.81	1.04	1.02	20.36	ppb
Uranium	238-1	2.02	1.97	1.94	1.98	1.92	ppb
Vanadium	51-2	6.86	6.96	7.12	6.98	1.86	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-02	Instrumnet Name :	P7
Client Sample ID :	MBE5A9	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:06:22	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	41.01	41.25	41.27	41.18	0.35	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	175.21	ppb
Zirconium	91-1	0.01	0.01	0.04	0.02	117.73	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-03	Instrumnet Name :	P7
Client Sample ID :	MBE5J9	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:09:58	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.52	2.18	3.86	3.52	34.38	ppb
Antimony	121-1	0.05	0.07	0.09	0.07	25.33	ppb
Arsenic	75-1	8.53	8.55	9.68	8.92	7.37	ppb
Barium	135-1	923.21	929.34	919.10	923.88	0.56	ppb
Barium	137-1	926.88	934.12	914.17	925.06	1.09	ppb
Beryllium	9-1	0.02	0.05	0.00	0.02	106.89	ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Boron	10-1	86.52	88.78	86.66	87.32	1.45	ppb
Boron	11-1	85.14	89.60	89.49	88.07	2.89	ppb
Cadmium	111-1	-0.08	-0.13	0.00	-0.07		ppb
Cadmium	106-1	-1.33	-2.10	-0.63	-1.36		ppb
Cadmium	108-1	-0.09	-0.01	0.14	0.01	875.83	ppb
Calcium	43-1	176066.94	178608.49	178404.83	177693.42	0.79	ppb
Calcium	44-1	179617.07	182224.69	184803.57	182215.11	1.42	ppb
Chromium	52-2	-0.06	-0.08	-0.07	-0.07		ppb
Cobalt	59-2	0.12	0.14	0.08	0.12	26.75	ppb
Copper	63-2	4.67	4.94	5.13	4.91	4.71	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				118		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	3.38	3.40	2.27	3.02	21.40	ppb
Iron	57-2	611.38	608.53	621.41	613.77	1.10	ppb
Krypton	83-1						cps
Lead	206-1	3.89	3.81	3.93	3.88	1.55	ppb
Lead	207-1	3.49	3.70	3.62	3.60	2.92	ppb
Lead	208-1	3.69	3.77	3.78	3.75	1.25	ppb
Lithium	6-1				109		%
Magnesium	24-2	19349.06	19522.18	19467.07	19446.10	0.45	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-03	Instrumnet Name :	P7
Client Sample ID :	MBE5J9	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:09:58	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.93	11.49	11.01	11.14	2.75	ppb
Molybdenum	94-1	0.03	-0.01	0.04	0.02	149.89	ppb
Molybdenum	95-1	0.06	0.02	0.05	0.04	50.06	ppb
Molybdenum	96-1	0.04	0.00	0.03	0.02	99.74	ppb
Molybdenum	97-1	0.03	0.01	0.08	0.04	98.29	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	16.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.27	0.35	0.33	15.57	ppb
Phosphorus	31-2	23.54	38.17	24.32	28.68	28.71	ppb
Potassium	39-2	1615.24	1606.92	1610.85	1611.00	0.26	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	0.00	1.26	0.00	0.42	173.21	ppb
Selenium	78-2	-0.43	-1.03	0.00	-0.49		ppb
Selenium	82-1	1.38	1.56	1.20	1.38	13.16	ppb
Silicon	28-1	10487.73	10825.56	10802.17	10705.15	1.76	ppb
Silver	109-1	0.11	0.16	0.16	0.15	19.53	ppb
Silver	107-1	0.12	0.16	0.17	0.15	17.09	ppb
Sodium	23-2	18637.88	18713.09	18591.18	18647.38	0.33	ppb
Strontium	86-1	336.31	341.50	339.10	338.97	0.77	ppb
Strontium	88-1	342.53	350.24	346.26	346.35	1.11	ppb
Sulfur	34-1	5911.04	6175.35	6325.49	6137.30	3.42	ppb
Terbium	159-1				117		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.02	0.03	0.03	24.76	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	2.81	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.05	0.00	0.02	0.02	113.34	ppb
Titanium	47-1	0.87	1.26	0.89	1.01	21.82	ppb
Uranium	238-1	3.80	3.87	3.72	3.79	1.97	ppb
Vanadium	51-2	3.97	4.09	4.16	4.07	2.41	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-03	Instrumnet Name :	P7
Client Sample ID :	MBE5J9	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:09:58	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.99	15.25	15.01	15.08	0.98	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	33.37	ppb
Zirconium	91-1	0.00	0.03	-0.02	0.00	640.75	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-04	Instrumnet Name :	P7
Client Sample ID :	MBE5K0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:13:34	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.58	3.07	4.69	3.78	21.94	ppb
Antimony	121-1	0.04	0.06	0.10	0.06	46.39	ppb
Arsenic	75-1	14.88	14.20	15.48	14.85	4.31	ppb
Barium	135-1	224.05	220.31	218.57	220.98	1.27	ppb
Barium	137-1	222.22	220.44	219.68	220.78	0.59	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	22.64	ppb
Bismuth	209-1				110		%
Bismuth	209-2				101		%
Boron	10-1	1123.78	1136.63	1169.81	1143.41	2.08	ppb
Boron	11-1	1119.44	1132.27	1151.65	1134.45	1.43	ppb
Cadmium	111-1	-0.29	-0.09	-0.12	-0.17		ppb
Cadmium	106-1	-3.96	-1.24	-1.58	-2.26		ppb
Cadmium	108-1	0.07	0.07	-0.09	0.02	551.24	ppb
Calcium	43-1	65616.16	65209.54	65079.22	65301.64	0.43	ppb
Calcium	44-1	65725.00	65940.62	65867.37	65844.33	0.17	ppb
Chromium	52-2	2.47	2.48	2.49	2.48	0.49	ppb
Cobalt	59-2	0.05	0.03	0.03	0.04	38.76	ppb
Copper	63-2	4.05	4.13	4.01	4.06	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	1.51	1.21	0.72	1.15	34.86	ppb
Iron	57-2	219.15	220.82	221.96	220.64	0.64	ppb
Krypton	83-1						cps
Lead	206-1	1.86	1.93	1.94	1.91	2.30	ppb
Lead	207-1	1.76	1.78	1.74	1.76	1.08	ppb
Lead	208-1	1.81	1.81	1.85	1.82	1.19	ppb
Lithium	6-1				102		%
Magnesium	24-2	23789.21	23648.05	23597.12	23678.12	0.42	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-04	Instrumnet Name :	P7
Client Sample ID :	MBE5K0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:13:34	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.85	4.77	4.72	4.78	1.29	ppb
Molybdenum	94-1	0.65	0.54	0.56	0.59	9.45	ppb
Molybdenum	95-1	0.75	0.82	0.96	0.84	12.62	ppb
Molybdenum	96-1	0.78	0.78	0.80	0.79	1.99	ppb
Molybdenum	97-1	0.74	0.81	0.76	0.77	4.76	ppb
Molybdenum	98-1	0.73	0.73	0.80	0.76	5.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.08	0.07	0.09	25.83	ppb
Phosphorus	31-2	18.49	8.88	5.04	10.80	64.12	ppb
Potassium	39-2	1498.19	1475.18	1538.82	1504.07	2.14	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	0.00	1.32	0.00	0.44	173.21	ppb
Selenium	78-2	0.96	-0.34	-0.33	0.10	769.22	ppb
Selenium	82-1	1.30	0.69	0.21	0.74	74.19	ppb
Silicon	28-1	9319.82	9360.43	9298.89	9326.38	0.34	ppb
Silver	109-1	0.12	0.10	0.16	0.12	23.34	ppb
Silver	107-1	0.10	0.10	0.15	0.12	23.02	ppb
Sodium	23-2	14004.06	13842.09	13895.00	13913.72	0.59	ppb
Strontium	86-1	591.88	578.88	587.17	585.98	1.12	ppb
Strontium	88-1	599.93	601.06	601.79	600.93	0.16	ppb
Sulfur	34-1	6246.73	6300.19	6214.53	6253.82	0.69	ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.02	0.01	0.01	72.90	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	25.24	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.03	-0.01	-0.03	-0.02		ppb
Titanium	47-1	0.69	0.81	0.95	0.81	15.80	ppb
Uranium	238-1	3.19	3.23	3.22	3.21	0.67	ppb
Vanadium	51-2	4.95	4.76	4.71	4.81	2.59	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-04	Instrumnet Name :	P7
Client Sample ID :	MBE5K0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:13:34	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	38.09	35.68	35.30	36.36	4.16	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	61.89	ppb
Zirconium	91-1	0.01	0.01	-0.03	0.00		ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-05	Instrumnet Name :	P7
Client Sample ID :	MBE5K1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:17:10	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.30	2.69	3.45	3.82	35.15	ppb
Antimony	121-1	0.08	0.10	0.11	0.10	15.85	ppb
Arsenic	75-1	14.95	16.27	18.13	16.45	9.71	ppb
Barium	135-1	63.29	61.68	64.33	63.10	2.12	ppb
Barium	137-1	64.82	62.94	63.78	63.85	1.48	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	109.62	ppb
Bismuth	209-1				110		%
Bismuth	209-2				99		%
Boron	10-1	556.49	560.41	578.01	564.97	2.03	ppb
Boron	11-1	545.17	553.02	571.95	556.71	2.47	ppb
Cadmium	111-1	-0.32	-0.27	-0.17	-0.26		ppb
Cadmium	106-1	-4.17	-3.48	-2.18	-3.28		ppb
Cadmium	108-1	-0.09	-0.09	-0.09	-0.09		ppb
Calcium	43-1	54870.27	55159.93	55253.16	55094.45	0.36	ppb
Calcium	44-1	54788.21	55377.28	55737.75	55301.08	0.87	ppb
Chromium	52-2	1.18	1.22	1.37	1.25	7.83	ppb
Cobalt	59-2	0.05	0.05	0.03	0.04	32.53	ppb
Copper	63-2	1.36	1.32	1.52	1.40	7.66	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				112		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	4.58	4.93	4.64	4.72	3.94	ppb
Iron	57-2	205.38	190.68	190.57	195.54	4.36	ppb
Krypton	83-1						cps
Lead	206-1	1.29	1.28	1.32	1.30	1.52	ppb
Lead	207-1	1.23	1.19	1.21	1.21	1.50	ppb
Lead	208-1	1.29	1.26	1.24	1.26	1.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	23852.39	23936.90	23865.51	23884.93	0.19	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-05	Instrumnet Name :	P7
Client Sample ID :	MBE5K1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:17:10	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.92	0.97	0.94	0.94	2.56	ppb
Molybdenum	94-1	1.06	1.19	1.11	1.12	5.74	ppb
Molybdenum	95-1	1.55	1.56	1.53	1.54	0.88	ppb
Molybdenum	96-1	1.55	1.54	1.42	1.50	4.70	ppb
Molybdenum	97-1	1.42	1.44	1.27	1.38	6.79	ppb
Molybdenum	98-1	1.50	1.44	1.49	1.48	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.09	1.18	1.19	8.93	ppb
Phosphorus	31-2	-23.70	11.19	-28.64	-13.71		ppb
Potassium	39-2	1657.94	1696.27	1694.22	1682.81	1.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	0.00	1.35	1.36	0.90	86.60	ppb
Selenium	78-2	-0.75	-0.08	-0.29	-0.37		ppb
Selenium	82-1	0.47	0.74	0.78	0.67	25.48	ppb
Silicon	28-1	9551.65	9637.85	9660.07	9616.52	0.60	ppb
Silver	109-1	0.09	0.11	0.09	0.09	13.80	ppb
Silver	107-1	0.11	0.12	0.11	0.11	4.15	ppb
Sodium	23-2	15551.48	15641.92	15424.16	15539.19	0.70	ppb
Strontium	86-1	1377.09	1426.02	1421.36	1408.16	1.92	ppb
Strontium	88-1	1430.69	1478.88	1481.62	1463.73	1.96	ppb
Sulfur	34-1	13261.36	13157.00	13129.37	13182.57	0.53	ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.01	0.01	0.01	87.11	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	57.20	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	-0.01	-0.04	-0.02		ppb
Titanium	47-1	0.85	0.98	0.93	0.92	7.28	ppb
Uranium	238-1	4.92	4.67	4.73	4.77	2.68	ppb
Vanadium	51-2	7.64	7.39	7.87	7.63	3.14	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-05	Instrumnet Name :	P7
Client Sample ID :	MBE5K1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:17:10	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	20.29	20.83	20.45	20.52	1.35	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	558.21	ppb
Zirconium	91-1	0.02	-0.01	0.02	0.01	198.93	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-06	Instrumnet Name :	P7
Client Sample ID :	MBE5K2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:20:46	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.01	3.33	3.97	3.11	32.14	ppb
Antimony	121-1	0.05	0.06	0.05	0.06	11.26	ppb
Arsenic	75-1	16.83	17.81	18.86	17.83	5.71	ppb
Barium	135-1	47.95	45.64	44.59	46.06	3.74	ppb
Barium	137-1	47.16	47.25	45.92	46.77	1.59	ppb
Beryllium	9-1	0.02	0.04	0.03	0.03	27.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	308.72	307.44	325.37	313.84	3.19	ppb
Boron	11-1	313.43	315.58	326.48	318.50	2.20	ppb
Cadmium	111-1	-0.14	-0.35	-0.31	-0.27		ppb
Cadmium	106-1	-1.98	-4.33	-3.99	-3.43		ppb
Cadmium	108-1	0.15	0.07	0.16	0.13	36.42	ppb
Calcium	43-1	56294.64	56378.46	55845.11	56172.74	0.51	ppb
Calcium	44-1	56153.04	56366.85	55952.64	56157.51	0.37	ppb
Chromium	52-2	0.28	0.23	0.24	0.25	11.06	ppb
Cobalt	59-2	0.04	0.05	0.04	0.04	14.41	ppb
Copper	63-2	1.07	1.04	1.07	1.06	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	2.43	2.63	2.52	2.53	3.99	ppb
Iron	57-2	183.98	187.09	194.07	188.38	2.74	ppb
Krypton	83-1						cps
Lead	206-1	1.44	1.37	1.52	1.44	5.22	ppb
Lead	207-1	1.41	1.28	1.34	1.34	4.85	ppb
Lead	208-1	1.41	1.32	1.43	1.39	4.24	ppb
Lithium	6-1				95		%
Magnesium	24-2	25611.48	25024.05	25559.78	25398.44	1.28	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-06	Instrumnet Name :	P7
Client Sample ID :	MBE5K2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:20:46	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.69	1.61	1.70	1.67	2.88	ppb
Molybdenum	94-1	0.94	0.94	0.87	0.92	4.82	ppb
Molybdenum	95-1	1.33	1.40	1.28	1.34	4.60	ppb
Molybdenum	96-1	1.37	1.40	1.29	1.35	4.15	ppb
Molybdenum	97-1	1.29	1.37	1.53	1.40	8.93	ppb
Molybdenum	98-1	1.39	1.38	1.40	1.39	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.26	0.18	0.23	19.28	ppb
Phosphorus	31-2	3.45	2.57	-27.74	-7.24		ppb
Potassium	39-2	1693.63	1649.01	1693.02	1678.55	1.52	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.46	-0.94	-0.26	-0.25		ppb
Selenium	82-1	0.47	0.22	-0.10	0.19	146.60	ppb
Silicon	28-1	9794.92	9898.17	9849.38	9847.49	0.52	ppb
Silver	109-1	0.08	0.10	0.12	0.10	16.20	ppb
Silver	107-1	0.08	0.13	0.07	0.09	34.50	ppb
Sodium	23-2	15400.39	15193.36	15531.38	15375.04	1.11	ppb
Strontium	86-1	1674.20	1673.29	1699.54	1682.34	0.89	ppb
Strontium	88-1	1732.81	1740.96	1775.49	1749.75	1.30	ppb
Sulfur	34-1	14702.07	14787.56	14752.80	14747.48	0.29	ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.00	0.00	165.34	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	24.88	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.02	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.89	0.91	0.99	0.93	5.75	ppb
Uranium	238-1	5.19	5.18	5.25	5.21	0.68	ppb
Vanadium	51-2	6.55	6.89	7.19	6.88	4.60	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-06	Instrumnet Name :	P7
Client Sample ID :	MBE5K2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:20:46	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	19.46	19.81	19.55	19.61	0.94	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	58.07	ppb
Zirconium	91-1	0.01	0.06	0.01	0.02	112.63	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-07	Instrumnet Name :	P7
Client Sample ID :	MBE5K3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:24:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	315.19	309.73	301.41	308.78	2.25	ppb
Antimony	121-1	0.23	0.09	0.16	0.16	43.76	ppb
Arsenic	75-1	15.54	15.55	14.02	15.04	5.83	ppb
Barium	135-1	144.61	144.23	145.55	144.80	0.47	ppb
Barium	137-1	147.21	144.54	148.63	146.79	1.41	ppb
Beryllium	9-1	0.05	0.04	0.08	0.06	37.20	ppb
Bismuth	209-1				109		%
Bismuth	209-2				98		%
Boron	10-1	1017.94	1076.56	1068.89	1054.46	3.02	ppb
Boron	11-1	1023.32	1054.94	1066.52	1048.26	2.13	ppb
Cadmium	111-1	0.24	0.26	0.38	0.29	26.41	ppb
Cadmium	106-1	-3.60	-2.91	-3.44	-3.31		ppb
Cadmium	108-1	1.16	0.62	0.31	0.70	61.27	ppb
Calcium	43-1	110367.51	109516.80	110764.40	110216.24	0.58	ppb
Calcium	44-1	111557.86	112202.05	112790.92	112183.61	0.55	ppb
Chromium	52-2	0.99	0.87	0.88	0.91	7.19	ppb
Cobalt	59-2	0.68	0.65	0.63	0.65	3.74	ppb
Copper	63-2	2.93	2.82	2.99	2.91	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	1289.46	1279.45	1298.99	1289.30	0.76	ppb
Iron	57-2	1657.40	1688.15	1659.43	1668.33	1.03	ppb
Krypton	83-1						cps
Lead	206-1	2.27	2.18	2.22	2.23	2.09	ppb
Lead	207-1	2.10	1.99	2.11	2.07	3.24	ppb
Lead	208-1	2.19	2.09	2.14	2.14	2.17	ppb
Lithium	6-1				95		%
Magnesium	24-2	24937.59	24767.74	25287.68	24997.67	1.06	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-07	Instrumnet Name :	P7
Client Sample ID :	MBE5K3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:24:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	277.19	276.45	281.68	278.44	1.02	ppb
Molybdenum	94-1	0.74	0.71	0.79	0.75	5.11	ppb
Molybdenum	95-1	0.69	0.59	0.81	0.70	15.85	ppb
Molybdenum	96-1	0.64	0.78	0.66	0.69	10.73	ppb
Molybdenum	97-1	0.63	0.58	0.70	0.64	9.21	ppb
Molybdenum	98-1	0.72	0.67	0.52	0.64	16.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.40	3.23	3.68	3.44	6.62	ppb
Phosphorus	31-2	124.77	128.95	65.44	106.39	33.39	ppb
Potassium	39-2	2466.48	2380.71	2448.11	2431.77	1.86	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	77-2	1.38	0.00	0.00	0.46	173.21	ppb
Selenium	78-2	0.19	-0.73	0.20	-0.11		ppb
Selenium	82-1	0.33	1.15	1.07	0.85	53.35	ppb
Silicon	28-1	9816.01	9753.28	9831.99	9800.42	0.42	ppb
Silver	109-1	0.09	0.10	0.11	0.10	11.09	ppb
Silver	107-1	0.09	0.12	0.09	0.10	18.28	ppb
Sodium	23-2	30160.46	29821.88	30196.43	30059.59	0.69	ppb
Strontium	86-1	950.11	945.42	936.87	944.14	0.71	ppb
Strontium	88-1	971.90	977.28	982.73	977.30	0.55	ppb
Sulfur	34-1	11545.65	11740.24	11902.48	11729.46	1.52	ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.03	0.01	0.02	50.92	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.71	ppb
Thorium	232-1	0.11	0.10	0.09	0.10	9.02	ppb
Tin	118-1	0.03	0.00	-0.03	0.00	1143.65	ppb
Titanium	47-1	8.74	9.15	7.82	8.57	7.99	ppb
Uranium	238-1	1.92	1.90	1.88	1.90	1.16	ppb
Vanadium	51-2	12.50	12.70	12.96	12.72	1.81	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-07	Instrumnet Name :	P7
Client Sample ID :	MBE5K3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:24:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	393.54	394.02	393.52	393.70	0.07	ppb
Zirconium	90-1	0.16	0.12	0.18	0.15	18.21	ppb
Zirconium	91-1	0.15	0.14	0.10	0.13	21.13	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-08	Instrumnet Name :	P7
Client Sample ID :	MBE5K4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:27:59	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	319.59	308.66	288.72	305.66	5.12	ppb
Antimony	121-1	0.04	0.06	0.07	0.06	25.88	ppb
Arsenic	75-1	10.84	11.83	12.14	11.60	5.85	ppb
Barium	135-1	180.83	179.98	179.12	179.98	0.48	ppb
Barium	137-1	181.84	178.97	178.57	179.79	0.99	ppb
Beryllium	9-1	0.07	0.08	0.05	0.07	19.84	ppb
Bismuth	209-1				113		%
Bismuth	209-2				101		%
Boron	10-1	1132.57	1177.54	1185.14	1165.08	2.44	ppb
Boron	11-1	1129.06	1158.27	1184.69	1157.34	2.40	ppb
Cadmium	111-1	-0.24	-0.33	-0.34	-0.30		ppb
Cadmium	106-1	-4.73	-5.18	-4.98	-4.96		ppb
Cadmium	108-1	0.06	0.07	0.31	0.15	95.22	ppb
Calcium	43-1	85328.68	84734.07	84162.12	84741.62	0.69	ppb
Calcium	44-1	86014.39	86838.24	86349.56	86400.73	0.48	ppb
Chromium	52-2	16.38	16.13	15.74	16.08	2.00	ppb
Cobalt	59-2	0.62	0.74	0.68	0.68	9.10	ppb
Copper	63-2	5.12	5.28	5.16	5.19	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	669.11	658.86	652.81	660.26	1.25	ppb
Iron	57-2	925.02	913.88	955.97	931.63	2.34	ppb
Krypton	83-1						cps
Lead	206-1	1.11	1.15	1.23	1.16	5.37	ppb
Lead	207-1	0.98	1.03	1.02	1.01	2.40	ppb
Lead	208-1	1.03	1.06	1.08	1.06	2.25	ppb
Lithium	6-1				95		%
Magnesium	24-2	21643.45	21516.50	21162.94	21440.96	1.16	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-08	Instrumnet Name :	P7
Client Sample ID :	MBE5K4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:27:59	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	634.56	639.42	626.25	633.41	1.05	ppb
Molybdenum	94-1	0.73	0.55	0.58	0.62	15.49	ppb
Molybdenum	95-1	0.57	0.61	0.59	0.59	3.36	ppb
Molybdenum	96-1	0.70	0.57	0.52	0.60	15.32	ppb
Molybdenum	97-1	0.60	0.65	0.69	0.65	7.62	ppb
Molybdenum	98-1	0.60	0.63	0.63	0.62	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.69	4.78	5.25	4.90	6.18	ppb
Phosphorus	31-2	34.39	29.18	68.61	44.06	48.62	ppb
Potassium	39-2	1774.48	1774.30	1768.59	1772.46	0.19	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	77-2	1.38	0.00	1.38	0.92	86.60	ppb
Selenium	78-2	-0.72	-0.26	0.43	-0.19		ppb
Selenium	82-1	0.26	-0.14	0.84	0.32	154.85	ppb
Silicon	28-1	9040.98	9187.01	9078.10	9102.03	0.83	ppb
Silver	109-1	0.07	0.07	0.07	0.07	1.04	ppb
Silver	107-1	0.09	0.06	0.10	0.08	24.95	ppb
Sodium	23-2	14435.13	14294.37	14183.54	14304.35	0.88	ppb
Strontium	86-1	497.48	493.85	493.58	494.97	0.44	ppb
Strontium	88-1	501.82	509.74	509.14	506.90	0.87	ppb
Sulfur	34-1	5398.01	5658.71	5531.24	5529.32	2.36	ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.00	0.01	0.01	81.56	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	45.78	ppb
Thorium	232-1	0.27	0.28	0.28	0.28	1.03	ppb
Tin	118-1	-0.04	-0.05	-0.04	-0.04		ppb
Titanium	47-1	2.06	2.71	2.62	2.47	14.42	ppb
Uranium	238-1	3.46	3.40	3.43	3.43	0.85	ppb
Vanadium	51-2	4.71	4.98	4.44	4.71	5.71	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-08	Instrumnet Name :	P7
Client Sample ID :	MBE5K4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:27:59	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	178.15	174.32	174.19	175.55	1.28	ppb
Zirconium	90-1	0.09	0.07	0.09	0.08	9.86	ppb
Zirconium	91-1	0.09	0.06	0.13	0.09	40.21	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-09	Instrumnet Name :	P7
Client Sample ID :	MBE5K5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:31:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.61	23.24	25.99	24.28	6.14	ppb
Antimony	121-1	0.82	0.74	0.93	0.83	11.40	ppb
Arsenic	75-1	13.39	13.88	14.25	13.84	3.09	ppb
Barium	135-1	41.51	41.88	40.91	41.43	1.18	ppb
Barium	137-1	42.07	41.53	41.14	41.58	1.12	ppb
Beryllium	9-1	-0.02	0.00	0.01	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	1723.04	1775.19	1813.05	1770.43	2.55	ppb
Boron	11-1	1728.50	1760.54	1772.79	1753.94	1.30	ppb
Cadmium	111-1	-0.17	-0.12	-0.14	-0.15		ppb
Cadmium	106-1	-2.68	-1.76	-2.14	-2.20		ppb
Cadmium	108-1	0.16	0.33	0.17	0.22	43.28	ppb
Calcium	43-1	12345.39	12193.98	12316.89	12285.42	0.65	ppb
Calcium	44-1	11809.33	11812.09	11875.76	11832.40	0.32	ppb
Chromium	52-2	6.14	6.77	6.16	6.36	5.64	ppb
Cobalt	59-2	0.11	0.13	0.15	0.13	15.01	ppb
Copper	63-2	3.85	3.76	3.67	3.76	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	56-2	64.46	66.28	64.99	65.24	1.44	ppb
Iron	57-2	107.25	95.08	99.38	100.57	6.14	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.21	0.21	0.20	11.12	ppb
Lead	207-1	0.13	0.17	0.16	0.15	14.02	ppb
Lead	208-1	0.17	0.18	0.20	0.19	7.64	ppb
Lithium	6-1				88		%
Magnesium	24-2	17101.79	17259.47	17245.44	17202.23	0.51	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-09	Instrumnet Name :	P7
Client Sample ID :	MBE5K5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:31:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	164.93	166.32	166.08	165.78	0.45	ppb
Molybdenum	94-1	2.55	2.77	2.57	2.63	4.72	ppb
Molybdenum	95-1	3.61	3.66	3.41	3.56	3.74	ppb
Molybdenum	96-1	3.32	3.37	3.53	3.41	3.20	ppb
Molybdenum	97-1	3.48	3.66	3.53	3.56	2.63	ppb
Molybdenum	98-1	3.59	3.81	3.76	3.72	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.58	3.61	3.37	3.52	3.68	ppb
Phosphorus	31-2	33.49	39.74	28.88	34.04	16.02	ppb
Potassium	39-2	3512.12	3554.84	3543.68	3536.88	0.63	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				85		%
Scandium	45-2				83		%
Selenium	77-2	0.00	1.49	0.00	0.50	173.21	ppb
Selenium	78-2	-0.38	-0.14	-0.89	-0.47		ppb
Selenium	82-1	0.12	0.06	0.19	0.13	49.92	ppb
Silicon	28-1	4414.75	4408.11	4414.44	4412.43	0.08	ppb
Silver	109-1	0.04	0.06	0.05	0.05	14.51	ppb
Silver	107-1	0.08	0.06	0.03	0.06	45.51	ppb
Sodium	23-2	49411.86	49750.77	49903.35	49688.66	0.51	ppb
Strontium	86-1	672.72	672.71	668.71	671.38	0.34	ppb
Strontium	88-1	692.46	698.19	694.26	694.97	0.42	ppb
Sulfur	34-1	6377.18	6461.81	6526.87	6455.29	1.16	ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.01	0.00	0.00	562.23	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	52.13	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	-0.04	-0.04	-0.03		ppb
Titanium	47-1	0.81	0.98	0.57	0.79	26.07	ppb
Uranium	238-1	0.69	0.70	0.71	0.70	0.85	ppb
Vanadium	51-2	14.75	15.37	15.25	15.12	2.17	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-09	Instrumnet Name :	P7
Client Sample ID :	MBE5K5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:31:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	570.61	596.41	588.36	585.13	2.26	ppb
Zirconium	90-1	0.05	0.05	0.03	0.05	22.43	ppb
Zirconium	91-1	0.02	0.04	0.10	0.05	88.68	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-10	Instrumnet Name :	P7
Client Sample ID :	MBE5K8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:35:13	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.42	0.74	0.44	0.53	34.37	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	130.14	ppb
Arsenic	75-1	2.19	1.36	1.33	1.63	30.17	ppb
Barium	135-1	0.04	0.02	0.00	0.02	110.39	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.02	0.04	0.04	0.04	39.14	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	138.01	133.96	130.55	134.17	2.79	ppb
Boron	11-1	138.14	136.05	130.22	134.80	3.05	ppb
Cadmium	111-1	-0.01	-0.42	-0.33	-0.25		ppb
Cadmium	106-1	-0.45	-5.10	-4.07	-3.21		ppb
Cadmium	108-1	0.00	0.09	-0.09	0.00	3296.77	ppb
Calcium	43-1	0.96	2.10	3.05	2.03	51.26	ppb
Calcium	44-1	6.16	6.27	9.31	7.25	24.67	ppb
Chromium	52-2	0.02	-0.03	-0.09	-0.03		ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00		ppb
Copper	63-2	0.27	0.30	0.13	0.23	40.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				91		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	0.32	0.20	0.53	0.35	48.30	ppb
Iron	57-2	0.14	1.01	-1.07	0.03	3726.43	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.07	0.08	9.93	ppb
Lead	207-1	0.11	0.09	0.09	0.10	7.59	ppb
Lead	208-1	0.08	0.08	0.08	0.08	3.13	ppb
Lithium	6-1				82		%
Magnesium	24-2	0.12	0.14	0.02	0.09	71.73	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-10	Instrumnet Name :	P7
Client Sample ID :	MBE5K8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:35:13	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.04	0.04	0.03	76.05	ppb
Molybdenum	94-1	0.01	0.08	0.03	0.04	85.97	ppb
Molybdenum	95-1	-0.01	0.02	-0.02	0.00		ppb
Molybdenum	96-1	-0.01	-0.02	0.01	-0.01		ppb
Molybdenum	97-1	0.01	-0.01	0.01	0.00	615.33	ppb
Molybdenum	98-1	0.01	-0.01	0.01	0.00	1323.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.03	-0.01	0.00		ppb
Phosphorus	31-2	-14.99	-8.73	-8.72	-10.81		ppb
Potassium	39-2	10.23	16.07	7.22	11.17	40.27	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				81		%
Scandium	45-2				80		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.11	-1.62	-0.84	-1.19		ppb
Selenium	82-1	-0.29	-0.36	0.89	0.08	861.99	ppb
Silicon	28-1	-2.52	-2.38	-2.97	-2.62		ppb
Silver	109-1	0.03	0.04	0.04	0.04	6.49	ppb
Silver	107-1	0.04	0.05	0.05	0.05	19.75	ppb
Sodium	23-2	51.46	51.36	49.55	50.79	2.12	ppb
Strontium	86-1	0.08	0.25	0.11	0.15	61.54	ppb
Strontium	88-1	0.03	0.02	0.01	0.02	41.14	ppb
Sulfur	34-1	3.88	116.89	145.40	88.72	84.36	ppb
Terbium	159-1				97		%
Terbium	159-2				90		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.07	-0.06	-0.09	-0.07		ppb
Titanium	47-1	0.03	0.07	0.12	0.07	64.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	49.16	ppb
Yttrium	89-1				86		%
Yttrium	89-2				85		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-10	Instrumnet Name :	P7
Client Sample ID :	MBE5K8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:35:13	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.42	10.15	11.54	10.37	10.40	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.06	-0.01	0.02	229.21	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-11	Instrumnet Name :	P7
Client Sample ID :	MBE5L7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:38:48	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	0.14	2.05	1.09	88.08	ppb
Antimony	121-1	0.00	0.02	0.01	0.01	94.73	ppb
Arsenic	75-1	1.02	1.14	0.57	0.91	33.14	ppb
Barium	135-1	0.01	-0.02	0.01	0.00	1509.36	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	657.40	ppb
Beryllium	9-1	0.01	-0.01	0.02	0.01	165.47	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Boron	10-1	78.04	72.90	72.56	74.50	4.12	ppb
Boron	11-1	75.49	77.27	71.70	74.82	3.80	ppb
Cadmium	111-1	-0.24	-0.26	-0.06	-0.19		ppb
Cadmium	106-1	-3.12	-3.28	-0.68	-2.36		ppb
Cadmium	108-1	-0.09	0.00	0.10	0.01	1760.62	ppb
Calcium	43-1	7.37	2.31	0.25	3.31	110.59	ppb
Calcium	44-1	7.52	7.17	7.90	7.53	4.83	ppb
Chromium	52-2	-0.04	0.01	-0.04	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.11	0.10	0.11	0.11	4.27	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				96		%
Holmium	165-2				88		%
Indium	115-1				86		%
Indium	115-2				83		%
Iron	56-2	0.64	0.68	0.80	0.71	11.73	ppb
Iron	57-2	-1.89	-1.05	0.68	-0.75		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.07	0.09	0.06	55.41	ppb
Lead	207-1	0.07	0.04	0.03	0.05	39.52	ppb
Lead	208-1	0.05	0.06	0.06	0.06	7.87	ppb
Lithium	6-1				80		%
Magnesium	24-2	0.80	1.20	1.10	1.03	19.99	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-11	Instrumnet Name :	P7
Client Sample ID :	MBE5L7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:38:48	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.01	0.03	0.01	196.95	ppb
Molybdenum	94-1	0.01	0.01	-0.04	-0.01		ppb
Molybdenum	95-1	-0.02	0.00	-0.02	-0.01		ppb
Molybdenum	96-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	-0.01	0.01	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	-0.01	0.01	132.95	ppb
Phosphorus	31-2	-8.32	-43.37	-7.78	-19.83		ppb
Potassium	39-2	8.30	6.45	1.53	5.43	64.47	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				79		%
Scandium	45-2				78		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.09	0.50	-0.81	-0.46		ppb
Selenium	82-1	0.15	0.28	0.59	0.34	67.17	ppb
Silicon	28-1	-4.20	-3.81	-4.71	-4.24		ppb
Silver	109-1	0.01	0.02	0.02	0.02	21.44	ppb
Silver	107-1	0.02	0.02	0.00	0.01	112.83	ppb
Sodium	23-2	38.86	35.41	35.81	36.69	5.15	ppb
Strontium	86-1	0.02	0.10	0.02	0.05	92.74	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	22.68	ppb
Sulfur	34-1	386.33	723.24	609.28	572.95	29.91	ppb
Terbium	159-1				95		%
Terbium	159-2				88		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.08	-0.03	-0.05	-0.05		ppb
Titanium	47-1	0.05	-0.02	0.05	0.03	148.55	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	99.87	ppb
Yttrium	89-1				84		%
Yttrium	89-2				82		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-11	Instrumnet Name :	P7
Client Sample ID :	MBE5L7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:38:48	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.81	9.39	8.95	9.05	3.38	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	2009.52	ppb
Zirconium	91-1	-0.01	0.04	0.02	0.02	143.22	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-12	Instrumnet Name :	P7
Client Sample ID :	MBE5M2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:42:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.85	12.73	12.07	12.55	3.33	ppb
Antimony	121-1	0.11	0.05	0.08	0.08	35.04	ppb
Arsenic	75-1	14.72	14.74	15.99	15.15	4.80	ppb
Barium	135-1	107.09	103.77	105.59	105.48	1.57	ppb
Barium	137-1	108.02	106.32	104.80	106.38	1.52	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	35.34	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	1840.98	1843.90	1897.15	1860.68	1.70	ppb
Boron	11-1	1825.12	1845.27	1879.59	1849.99	1.49	ppb
Cadmium	111-1	-0.23	-0.31	-0.07	-0.20		ppb
Cadmium	106-1	-2.94	-4.05	-1.20	-2.73		ppb
Cadmium	108-1	0.08	-0.09	-0.09	-0.03		ppb
Calcium	43-1	58473.61	57701.90	57905.93	58027.15	0.69	ppb
Calcium	44-1	58567.79	58570.69	58722.27	58620.25	0.15	ppb
Chromium	52-2	0.06	0.02	0.05	0.04	50.82	ppb
Cobalt	59-2	0.07	0.09	0.04	0.07	35.18	ppb
Copper	63-2	1.46	1.58	1.57	1.54	4.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	14.29	13.56	13.14	13.66	4.27	ppb
Iron	57-2	220.04	206.80	205.04	210.63	3.89	ppb
Krypton	83-1						cps
Lead	206-1	2.68	2.69	2.71	2.69	0.64	ppb
Lead	207-1	2.54	2.60	2.51	2.55	1.78	ppb
Lead	208-1	2.57	2.60	2.58	2.58	0.69	ppb
Lithium	6-1				87		%
Magnesium	24-2	28284.57	27957.40	27740.74	27994.24	0.98	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-12	Instrumnet Name :	P7
Client Sample ID :	MBE5M2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:42:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	23.74	23.65	24.01	23.80	0.79	ppb
Molybdenum	94-1	1.16	1.11	1.15	1.14	2.10	ppb
Molybdenum	95-1	1.56	1.62	1.76	1.65	6.14	ppb
Molybdenum	96-1	1.48	1.72	1.67	1.62	7.67	ppb
Molybdenum	97-1	1.56	1.61	1.82	1.66	8.26	ppb
Molybdenum	98-1	1.57	1.65	1.70	1.64	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.95	0.72	0.81	15.19	ppb
Phosphorus	31-2	-9.40	1.54	-9.84	-5.90		ppb
Potassium	39-2	1937.74	1904.95	1920.64	1921.11	0.85	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				83		%
Scandium	45-2				82		%
Selenium	77-2	1.50	1.50	0.00	1.00	86.60	ppb
Selenium	78-2	-0.13	-1.37	1.86	0.12	1368.17	ppb
Selenium	82-1	0.25	0.83	-0.20	0.29	175.77	ppb
Silicon	28-1	9985.62	9967.20	10043.01	9998.61	0.40	ppb
Silver	109-1	0.02	0.04	0.05	0.04	46.32	ppb
Silver	107-1	0.04	0.02	0.07	0.05	51.48	ppb
Sodium	23-2	16427.37	16360.03	16161.14	16316.18	0.85	ppb
Strontium	86-1	2389.67	2383.55	2390.11	2387.78	0.15	ppb
Strontium	88-1	2491.84	2505.58	2526.00	2507.81	0.69	ppb
Sulfur	34-1	7453.15	7429.50	7601.57	7494.74	1.24	ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.00	0.01	67.68	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	62.11	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	-0.05	-0.05	-0.04		ppb
Titanium	47-1	1.23	1.43	1.41	1.36	8.18	ppb
Uranium	238-1	3.94	4.07	4.03	4.01	1.68	ppb
Vanadium	51-2	8.76	8.64	8.73	8.71	0.71	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-12	Instrumnet Name :	P7
Client Sample ID :	MBE5M2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:42:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	64.26	62.04	60.41	62.24	3.11	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	802.50	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	107.99	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-13	Instrumnet Name :	P7
Client Sample ID :	MBE5M3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:46:00	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.27	8.61	7.52	6.80	33.20	ppb
Antimony	121-1	0.05	0.07	0.08	0.07	23.15	ppb
Arsenic	75-1	16.25	18.81	19.73	18.26	9.86	ppb
Barium	135-1	71.45	71.38	69.91	70.92	1.22	ppb
Barium	137-1	71.34	71.35	70.27	70.99	0.88	ppb
Beryllium	9-1	0.02	-0.02	0.03	0.01	230.91	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	1888.55	1903.59	1961.34	1917.83	2.00	ppb
Boron	11-1	1902.18	1926.55	1952.41	1927.05	1.30	ppb
Cadmium	111-1	-0.26	-0.32	-0.15	-0.24		ppb
Cadmium	106-1	-3.26	-3.91	-1.81	-2.99		ppb
Cadmium	108-1	0.08	0.17	0.00	0.08	104.72	ppb
Calcium	43-1	54335.55	54522.19	54148.09	54335.28	0.34	ppb
Calcium	44-1	54903.20	55199.47	55104.29	55068.99	0.27	ppb
Chromium	52-2	-0.03	-0.07	-0.03	-0.04		ppb
Cobalt	59-2	0.09	0.09	0.11	0.10	11.50	ppb
Copper	63-2	1.94	1.92	1.99	1.95	1.96	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				106		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	56-2	8.23	8.97	9.21	8.80	5.83	ppb
Iron	57-2	191.15	178.22	190.28	186.55	3.87	ppb
Krypton	83-1						cps
Lead	206-1	2.11	2.15	2.21	2.16	2.38	ppb
Lead	207-1	2.12	2.22	1.94	2.09	6.93	ppb
Lead	208-1	2.07	2.12	2.10	2.10	1.20	ppb
Lithium	6-1				87		%
Magnesium	24-2	26929.11	26540.73	26861.76	26777.20	0.78	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-13	Instrumnet Name :	P7
Client Sample ID :	MBE5M3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:46:00	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	52.68	53.81	52.92	53.14	1.12	ppb
Molybdenum	94-1	2.21	2.09	2.06	2.12	3.77	ppb
Molybdenum	95-1	2.87	3.09	2.86	2.94	4.48	ppb
Molybdenum	96-1	2.90	2.94	2.88	2.90	1.05	ppb
Molybdenum	97-1	3.01	3.09	2.78	2.96	5.44	ppb
Molybdenum	98-1	2.92	2.94	2.87	2.91	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.23	0.34	0.28	18.53	ppb
Phosphorus	31-2	-26.69	0.49	-15.64	-13.95		ppb
Potassium	39-2	1873.74	1860.83	1858.66	1864.41	0.44	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				84		%
Scandium	45-2				83		%
Selenium	77-2	1.50	0.00	0.00	0.50	173.21	ppb
Selenium	78-2	0.87	0.61	0.11	0.53	72.47	ppb
Selenium	82-1	0.66	0.74	0.27	0.56	45.44	ppb
Silicon	28-1	9782.16	9896.09	9892.17	9856.81	0.66	ppb
Silver	109-1	0.04	0.06	0.07	0.06	34.09	ppb
Silver	107-1	0.04	0.07	0.05	0.05	29.02	ppb
Sodium	23-2	16435.95	16309.54	16347.12	16364.20	0.40	ppb
Strontium	86-1	2223.91	2233.92	2231.59	2229.81	0.23	ppb
Strontium	88-1	2314.49	2346.49	2352.35	2337.78	0.87	ppb
Sulfur	34-1	12357.92	12426.63	12274.84	12353.13	0.62	ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.00	0.00	0.00	80.33	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.04	-0.07	-0.06	-0.06		ppb
Titanium	47-1	1.41	0.90	1.00	1.10	24.86	ppb
Uranium	238-1	4.32	4.26	4.29	4.29	0.78	ppb
Vanadium	51-2	4.71	4.93	5.09	4.91	3.93	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-13	Instrumnet Name :	P7
Client Sample ID :	MBE5M3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:46:00	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.80	14.20	14.52	14.84	5.71	ppb
Zirconium	90-1	0.02	0.01	0.01	0.02	14.62	ppb
Zirconium	91-1	0.03	0.05	0.03	0.04	26.63	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-14	Instrumnet Name :	P7
Client Sample ID :	MBE5M4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:49:36	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.56	19.10	16.75	17.13	10.52	ppb
Antimony	121-1	0.09	0.06	0.08	0.08	22.30	ppb
Arsenic	75-1	17.50	19.31	19.11	18.64	5.33	ppb
Barium	135-1	62.16	63.42	62.59	62.72	1.02	ppb
Barium	137-1	63.15	63.21	62.28	62.88	0.83	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	72.51	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	738.57	764.39	760.02	754.33	1.83	ppb
Boron	11-1	757.34	776.34	773.56	769.08	1.33	ppb
Cadmium	111-1	-0.15	-0.32	-0.12	-0.20		ppb
Cadmium	106-1	-2.19	-4.08	-1.94	-2.74		ppb
Cadmium	108-1	-0.09	-0.09	0.08	-0.03		ppb
Calcium	43-1	53329.77	53932.54	54595.27	53952.53	1.17	ppb
Calcium	44-1	53328.50	54940.68	54759.47	54342.88	1.63	ppb
Chromium	52-2	0.26	0.24	0.15	0.22	27.46	ppb
Cobalt	59-2	0.08	0.07	0.09	0.08	16.88	ppb
Copper	63-2	4.91	4.56	4.79	4.75	3.68	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				97		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	14.04	13.29	14.51	13.94	4.40	ppb
Iron	57-2	194.06	185.00	185.63	188.23	2.69	ppb
Krypton	83-1						cps
Lead	206-1	4.80	4.96	4.98	4.91	1.96	ppb
Lead	207-1	4.53	4.76	4.75	4.68	2.75	ppb
Lead	208-1	4.60	4.79	4.80	4.73	2.42	ppb
Lithium	6-1				88		%
Magnesium	24-2	26002.09	25957.86	25759.75	25906.57	0.50	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-14	Instrumnet Name :	P7
Client Sample ID :	MBE5M4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:49:36	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	29.47	29.30	29.95	29.57	1.14	ppb
Molybdenum	94-1	1.30	1.46	1.49	1.42	7.30	ppb
Molybdenum	95-1	1.84	1.92	2.04	1.93	5.21	ppb
Molybdenum	96-1	1.88	1.79	1.98	1.88	5.13	ppb
Molybdenum	97-1	2.15	1.82	2.13	2.03	9.13	ppb
Molybdenum	98-1	1.87	1.88	1.95	1.90	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.34	0.42	0.44	23.48	ppb
Phosphorus	31-2	-16.11	0.32	5.74	-3.35		ppb
Potassium	39-2	1699.13	1660.83	1655.23	1671.73	1.43	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	77-2	1.47	0.00	1.46	0.98	86.60	ppb
Selenium	78-2	1.06	-0.40	0.31	0.32	224.49	ppb
Selenium	82-1	1.04	0.28	0.50	0.61	64.59	ppb
Silicon	28-1	9225.17	9468.96	9503.14	9399.09	1.61	ppb
Silver	109-1	0.05	0.06	0.05	0.05	9.67	ppb
Silver	107-1	0.05	0.06	0.07	0.06	15.84	ppb
Sodium	23-2	16292.28	16230.03	16197.72	16240.01	0.30	ppb
Strontium	86-1	2106.24	2154.22	2147.73	2136.06	1.22	ppb
Strontium	88-1	2216.69	2282.30	2270.25	2256.41	1.55	ppb
Sulfur	34-1	15925.44	16614.12	16595.48	16378.35	2.40	ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.01	0.03	0.02	29.62	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	18.76	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.05	-0.06	-0.04	-0.05		ppb
Titanium	47-1	1.47	0.93	1.52	1.31	24.99	ppb
Uranium	238-1	4.49	4.65	4.68	4.61	2.19	ppb
Vanadium	51-2	15.20	16.06	15.65	15.64	2.75	ppb
Yttrium	89-1				91		%
Yttrium	89-2				88		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-14	Instrumnet Name :	P7
Client Sample ID :	MBE5M4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:49:36	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	27.11	29.07	26.92	27.70	4.29	ppb
Zirconium	90-1	0.02	0.04	0.01	0.02	77.57	ppb
Zirconium	91-1	0.02	0.02	0.04	0.03	38.43	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-15	Instrumnet Name :	P7
Client Sample ID :	MBE5M5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:53:12	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.06	4.93	3.02	4.00	23.90	ppb
Antimony	121-1	0.07	0.06	0.05	0.06	22.13	ppb
Arsenic	75-1	16.53	17.32	18.40	17.42	5.40	ppb
Barium	135-1	136.84	137.59	136.34	136.93	0.46	ppb
Barium	137-1	136.78	137.28	136.31	136.79	0.35	ppb
Beryllium	9-1	0.03	0.00	0.00	0.01	123.20	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	657.68	642.02	664.54	654.75	1.76	ppb
Boron	11-1	652.99	656.82	665.95	658.58	1.01	ppb
Cadmium	111-1	-0.33	-0.23	-0.21	-0.26		ppb
Cadmium	106-1	-4.15	-2.83	-2.57	-3.18		ppb
Cadmium	108-1	-0.01	0.07	0.16	0.08	110.65	ppb
Calcium	43-1	49469.45	49579.63	49493.74	49514.27	0.12	ppb
Calcium	44-1	49626.72	49964.24	50444.84	50011.93	0.82	ppb
Chromium	52-2	0.42	0.44	0.40	0.42	4.83	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	20.91	ppb
Copper	63-2	2.93	2.78	3.03	2.91	4.31	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				109		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	9.28	10.61	10.05	9.98	6.67	ppb
Iron	57-2	169.52	183.49	183.89	178.97	4.57	ppb
Krypton	83-1						cps
Lead	206-1	4.21	4.27	4.03	4.17	2.96	ppb
Lead	207-1	3.85	3.97	3.66	3.82	4.04	ppb
Lead	208-1	4.03	4.07	3.89	4.00	2.33	ppb
Lithium	6-1				89		%
Magnesium	24-2	25325.90	24988.08	25532.37	25282.12	1.09	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-15	Instrumnet Name :	P7
Client Sample ID :	MBE5M5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:53:12	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.74	2.61	2.66	2.67	2.41	ppb
Molybdenum	94-1	0.93	0.81	0.88	0.88	7.07	ppb
Molybdenum	95-1	1.15	1.09	1.32	1.19	9.96	ppb
Molybdenum	96-1	1.04	0.82	1.17	1.01	17.41	ppb
Molybdenum	97-1	1.40	1.22	0.96	1.19	18.79	ppb
Molybdenum	98-1	1.12	1.19	1.11	1.14	4.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.24	0.23	0.24	1.16	ppb
Phosphorus	31-2	25.68	9.91	16.73	17.44	45.34	ppb
Potassium	39-2	1602.18	1582.06	1646.80	1610.35	2.06	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.92	-0.67	-1.63	-1.08		ppb
Selenium	82-1	0.54	-0.28	-0.23	0.01	4358.16	ppb
Silicon	28-1	9425.22	9370.53	9445.65	9413.80	0.41	ppb
Silver	109-1	0.05	0.05	0.04	0.05	10.07	ppb
Silver	107-1	0.02	0.06	0.06	0.04	48.28	ppb
Sodium	23-2	13321.12	13268.38	13533.50	13374.33	1.05	ppb
Strontium	86-1	1930.23	1923.21	1924.56	1926.00	0.19	ppb
Strontium	88-1	2023.69	2027.06	2040.53	2030.43	0.44	ppb
Sulfur	34-1	12844.79	12945.65	13045.30	12945.25	0.77	ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.04	0.04	0.04	2.18	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.66	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.05	-0.05	-0.06	-0.05		ppb
Titanium	47-1	1.21	0.95	1.04	1.07	12.35	ppb
Uranium	238-1	4.68	4.82	4.64	4.71	2.07	ppb
Vanadium	51-2	14.64	13.93	13.72	14.10	3.42	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-15	Instrumnet Name :	P7
Client Sample ID :	MBE5M5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:53:12	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	19.51	20.12	19.86	19.83	1.54	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	-0.03	0.04	0.00	1100.79	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:56:48	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	763.61	754.20	739.80	752.54	1.59	ppb
Antimony	121-1	0.13	0.17	0.13	0.14	17.33	ppb
Arsenic	75-1	14.21	12.68	12.80	13.23	6.43	ppb
Barium	135-1	74.99	73.68	73.89	74.19	0.95	ppb
Barium	137-1	75.15	72.82	73.31	73.76	1.66	ppb
Beryllium	9-1	0.07	0.05	0.00	0.04	88.14	ppb
Bismuth	209-1				99		%
Bismuth	209-2				90		%
Boron	10-1	463.09	478.12	479.37	473.53	1.91	ppb
Boron	11-1	471.09	480.25	492.92	481.42	2.28	ppb
Cadmium	111-1	0.66	0.54	0.43	0.55	20.71	ppb
Cadmium	106-1	0.92	-1.56	-1.62	-0.75		ppb
Cadmium	108-1	1.25	1.02	1.04	1.10	11.54	ppb
Calcium	43-1	181506.80	183094.51	183956.56	182852.62	0.68	ppb
Calcium	44-1	186559.64	189454.19	188632.51	188215.45	0.79	ppb
Chromium	52-2	5.17	5.10	5.36	5.21	2.51	ppb
Cobalt	59-2	1.44	1.47	1.43	1.45	1.53	ppb
Copper	63-2	8.01	7.93	7.77	7.90	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	56-2	1882.88	1892.46	1850.82	1875.39	1.16	ppb
Iron	57-2	2545.52	2564.63	2474.39	2528.18	1.88	ppb
Krypton	83-1						cps
Lead	206-1	1.25	1.23	1.42	1.30	8.22	ppb
Lead	207-1	1.19	1.16	1.18	1.18	1.50	ppb
Lead	208-1	1.22	1.19	1.27	1.22	3.15	ppb
Lithium	6-1				86		%
Magnesium	24-2	19722.72	19847.28	19360.57	19643.53	1.29	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:56:48	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	143.38	144.37	137.88	141.88	2.46	ppb
Molybdenum	94-1	0.93	0.79	0.83	0.85	8.48	ppb
Molybdenum	95-1	0.48	0.50	0.31	0.43	23.96	ppb
Molybdenum	96-1	0.45	0.51	0.52	0.49	8.37	ppb
Molybdenum	97-1	0.53	0.40	0.48	0.47	14.18	ppb
Molybdenum	98-1	0.49	0.35	0.40	0.41	16.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.37	8.34	7.73	8.15	4.42	ppb
Phosphorus	31-2	94.94	78.68	86.73	86.78	9.37	ppb
Potassium	39-2	2445.90	2493.59	2404.42	2447.97	1.82	ppb
Rhodium	103-1				85		%
Rhodium	103-2				82		%
Scandium	45-1				82		%
Scandium	45-2				80		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.62	0.70	0.86	-0.02		ppb
Selenium	82-1	0.25	0.40	1.32	0.66	88.64	ppb
Silicon	28-1	9988.45	10201.58	10162.22	10117.42	1.12	ppb
Silver	109-1	0.06	0.08	0.10	0.08	29.58	ppb
Silver	107-1	0.07	0.09	0.11	0.09	18.90	ppb
Sodium	23-2	40139.56	40505.25	39406.84	40017.22	1.40	ppb
Strontium	86-1	280.20	280.24	279.66	280.03	0.12	ppb
Strontium	88-1	274.29	280.47	278.89	277.89	1.16	ppb
Sulfur	34-1	40186.46	40548.32	40438.09	40390.96	0.46	ppb
Terbium	159-1				103		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.02	0.01	0.01	135.83	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	38.19	ppb
Thorium	232-1	0.05	0.05	0.06	0.06	6.54	ppb
Tin	118-1	0.01	0.01	0.00	0.01	72.98	ppb
Titanium	47-1	34.94	34.09	33.56	34.20	2.04	ppb
Uranium	238-1	1.16	1.21	1.21	1.19	2.25	ppb
Vanadium	51-2	6.10	6.07	5.65	5.94	4.21	ppb
Yttrium	89-1				89		%
Yttrium	89-2				85		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:56:48	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5226.87	5295.49	5154.19	5225.51	1.35	ppb
Zirconium	90-1	0.36	0.33	0.36	0.35	5.38	ppb
Zirconium	91-1	0.53	0.29	0.36	0.39	31.24	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-17	Instrumnet Name :	P7
Client Sample ID :	MBE5M7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:00:24	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	804.22	775.92	734.57	771.57	4.54	ppb
Antimony	121-1	0.08	0.11	0.09	0.10	16.96	ppb
Arsenic	75-1	9.27	10.07	11.67	10.34	11.79	ppb
Barium	135-1	74.58	81.74	78.67	78.33	4.59	ppb
Barium	137-1	73.99	81.64	79.26	78.30	5.00	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	10.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	434.37	490.29	483.29	469.32	6.49	ppb
Boron	11-1	446.88	503.30	496.29	482.16	6.38	ppb
Cadmium	111-1	0.29	0.25	0.35	0.29	16.78	ppb
Cadmium	106-1	-2.59	-3.70	-4.05	-3.45		ppb
Cadmium	108-1	1.29	1.65	1.25	1.39	15.88	ppb
Calcium	43-1	179609.91	203264.06	197998.95	193624.31	6.41	ppb
Calcium	44-1	184946.54	209425.65	205117.82	199830.00	6.54	ppb
Chromium	52-2	5.21	5.00	5.04	5.08	2.14	ppb
Cobalt	59-2	1.64	1.51	1.50	1.55	5.26	ppb
Copper	63-2	8.53	8.07	8.28	8.29	2.82	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				88		%
Indium	115-2				88		%
Iron	56-2	1947.18	1960.45	1924.33	1943.99	0.94	ppb
Iron	57-2	2561.56	2687.94	2540.40	2596.63	3.07	ppb
Krypton	83-1						cps
Lead	206-1	1.37	1.58	1.51	1.48	7.13	ppb
Lead	207-1	1.20	1.22	1.33	1.25	5.74	ppb
Lead	208-1	1.25	1.40	1.42	1.36	6.64	ppb
Lithium	6-1				83		%
Magnesium	24-2	20059.32	20064.99	19615.61	19913.31	1.29	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-17	Instrumnet Name :	P7
Client Sample ID :	MBE5M7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:00:24	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	143.53	143.54	142.93	143.33	0.24	ppb
Molybdenum	94-1	0.75	0.83	0.97	0.85	13.00	ppb
Molybdenum	95-1	0.37	0.47	0.41	0.42	11.90	ppb
Molybdenum	96-1	0.39	0.41	0.48	0.43	10.42	ppb
Molybdenum	97-1	0.36	0.39	0.41	0.38	7.32	ppb
Molybdenum	98-1	0.41	0.35	0.50	0.42	17.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.40	8.27	7.98	8.22	2.64	ppb
Phosphorus	31-2	-20.81	1.93	12.75	-2.04		ppb
Potassium	39-2	2458.91	2498.97	2390.25	2449.38	2.24	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				80		%
Scandium	45-2				81		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.61	-0.87	0.61	-0.29		ppb
Selenium	82-1	0.64	-0.09	0.46	0.34	113.68	ppb
Silicon	28-1	9883.16	11195.46	10918.99	10665.87	6.49	ppb
Silver	109-1	0.06	0.10	0.06	0.07	36.46	ppb
Silver	107-1	0.05	0.08	0.07	0.07	25.44	ppb
Sodium	23-2	40604.26	40647.62	39782.28	40344.72	1.21	ppb
Strontium	86-1	268.48	315.42	303.39	295.76	8.24	ppb
Strontium	88-1	265.13	307.14	302.02	291.43	7.87	ppb
Sulfur	34-1	38576.16	44551.62	43755.23	42294.33	7.67	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.00	0.01	0.00	75.50	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	2.88	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	2.88	ppb
Tin	118-1	-0.04	-0.03	0.01	-0.02		ppb
Titanium	47-1	37.17	40.98	38.89	39.01	4.89	ppb
Uranium	238-1	1.14	1.36	1.23	1.24	9.11	ppb
Vanadium	51-2	6.30	5.96	5.88	6.05	3.65	ppb
Yttrium	89-1				87		%
Yttrium	89-2				86		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-17	Instrumnet Name :	P7
Client Sample ID :	MBE5M7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:00:24	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5279.27	5306.29	5237.85	5274.47	0.65	ppb
Zirconium	90-1	0.36	0.43	0.38	0.39	8.69	ppb
Zirconium	91-1	0.34	0.42	0.43	0.40	13.04	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18	Instrumnet Name :	P7
Client Sample ID :	MBE5M8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:04:00	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95.52	100.00	97.02	97.51	2.34	ppb
Antimony	121-1	0.11	0.14	0.09	0.11	22.16	ppb
Arsenic	75-1	10.03	10.90	10.92	10.62	4.79	ppb
Barium	135-1	438.43	436.28	435.75	436.82	0.32	ppb
Barium	137-1	439.69	433.69	434.42	435.94	0.75	ppb
Beryllium	9-1	0.02	0.02	0.01	0.01	29.74	ppb
Bismuth	209-1				98		%
Bismuth	209-2				90		%
Boron	10-1	410.59	430.55	435.87	425.67	3.13	ppb
Boron	11-1	420.49	431.51	441.86	431.29	2.48	ppb
Cadmium	111-1	-0.11	-0.14	-0.21	-0.15		ppb
Cadmium	106-1	-2.43	-2.98	-3.42	-2.94		ppb
Cadmium	108-1	0.16	0.00	0.00	0.05	180.51	ppb
Calcium	43-1	247658.32	245211.58	248732.70	247200.86	0.73	ppb
Calcium	44-1	254619.03	254983.45	259079.23	256227.24	0.97	ppb
Chromium	52-2	5.66	5.62	5.78	5.69	1.43	ppb
Cobalt	59-2	0.85	0.81	0.80	0.82	2.79	ppb
Copper	63-2	1.91	2.52	2.21	2.21	13.74	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				105		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	1355.46	1344.35	1353.90	1351.24	0.44	ppb
Iron	57-2	2213.73	2226.15	2187.63	2209.17	0.89	ppb
Krypton	83-1						cps
Lead	206-1	0.73	0.68	0.72	0.71	3.92	ppb
Lead	207-1	0.66	0.65	0.75	0.68	7.78	ppb
Lead	208-1	0.72	0.69	0.71	0.71	2.03	ppb
Lithium	6-1				86		%
Magnesium	24-2	22598.31	22220.28	22255.30	22357.96	0.93	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18	Instrumnet Name :	P7
Client Sample ID :	MBE5M8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:04:00	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	244.92	244.74	245.40	245.02	0.14	ppb
Molybdenum	94-1	0.33	0.27	0.34	0.31	12.77	ppb
Molybdenum	95-1	0.17	0.18	0.20	0.18	11.12	ppb
Molybdenum	96-1	0.19	1.22	0.17	0.53	113.60	ppb
Molybdenum	97-1	0.18	0.20	0.23	0.20	11.37	ppb
Molybdenum	98-1	0.26	0.22	0.20	0.23	11.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.23	18.47	18.37	18.36	0.66	ppb
Phosphorus	31-2	19.05	-9.45	13.72	7.77	194.93	ppb
Potassium	39-2	1773.96	1758.65	1778.29	1770.30	0.58	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				82		%
Scandium	45-2				81		%
Selenium	77-2	0.00	1.51	0.00	0.50	173.21	ppb
Selenium	78-2	-0.37	-1.12	0.14	-0.45		ppb
Selenium	82-1	0.58	0.64	0.56	0.59	7.07	ppb
Silicon	28-1	11361.20	11413.47	11561.16	11445.27	0.91	ppb
Silver	109-1	0.06	0.06	0.10	0.07	37.58	ppb
Silver	107-1	0.08	0.06	0.07	0.07	14.36	ppb
Sodium	23-2	53817.15	53040.78	53029.90	53295.94	0.85	ppb
Strontium	86-1	369.00	371.98	374.63	371.87	0.76	ppb
Strontium	88-1	364.17	359.60	364.81	362.86	0.78	ppb
Sulfur	34-1	10717.58	10720.80	11080.57	10839.65	1.92	ppb
Terbium	159-1				103		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.01	0.01	24.98	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	76.49	ppb
Thorium	232-1	0.03	0.03	0.02	0.03	15.42	ppb
Tin	118-1	-0.01	-0.06	-0.04	-0.03		ppb
Titanium	47-1	4.86	4.60	4.49	4.65	4.10	ppb
Uranium	238-1	0.90	0.92	0.87	0.90	3.07	ppb
Vanadium	51-2	4.18	4.10	4.23	4.17	1.59	ppb
Yttrium	89-1				89		%
Yttrium	89-2				86		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18	Instrumnet Name :	P7
Client Sample ID :	MBE5M8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:04:00	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	120.68	117.08	116.41	118.06	1.94	ppb
Zirconium	90-1	0.08	0.09	0.09	0.09	11.16	ppb
Zirconium	91-1	0.13	0.12	0.16	0.14	15.53	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-19	Instrumnet Name :	P7
Client Sample ID :	MBE5M8D	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:07:37	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93.14	101.95	95.95	97.01	4.64	ppb
Antimony	121-1	0.14	0.11	0.14	0.13	15.91	ppb
Arsenic	75-1	10.04	11.39	11.42	10.95	7.21	ppb
Barium	135-1	446.50	437.65	434.49	439.55	1.42	ppb
Barium	137-1	445.89	437.80	435.15	439.61	1.27	ppb
Beryllium	9-1	0.01	0.05	0.00	0.02	137.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	10-1	424.22	436.76	438.63	433.20	1.81	ppb
Boron	11-1	420.68	433.61	438.78	431.02	2.16	ppb
Cadmium	111-1	-0.05	-0.27	-0.24	-0.19		ppb
Cadmium	106-1	-2.24	-3.85	-3.85	-3.31		ppb
Cadmium	108-1	-0.09	0.51	0.00	0.14	230.25	ppb
Calcium	43-1	248153.94	246568.34	249371.27	248031.18	0.57	ppb
Calcium	44-1	255214.02	257938.87	259586.71	257579.87	0.86	ppb
Chromium	52-2	5.84	5.89	5.93	5.89	0.75	ppb
Cobalt	59-2	0.83	0.86	0.80	0.83	3.55	ppb
Copper	63-2	2.62	2.34	2.11	2.36	10.77	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				90		%
Indium	115-2				86		%
Iron	56-2	1385.02	1352.62	1359.85	1365.83	1.24	ppb
Iron	57-2	2235.89	2191.30	2233.01	2220.07	1.12	ppb
Krypton	83-1						cps
Lead	206-1	0.74	0.72	0.77	0.74	3.29	ppb
Lead	207-1	0.71	0.75	0.71	0.72	2.61	ppb
Lead	208-1	0.72	0.73	0.71	0.72	1.22	ppb
Lithium	6-1				85		%
Magnesium	24-2	22613.03	22032.85	22428.27	22358.05	1.33	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-19	Instrumnet Name :	P7
Client Sample ID :	MBE5M8D	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:07:37	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	247.24	242.33	245.27	244.95	1.01	ppb
Molybdenum	94-1	0.31	0.27	0.33	0.30	9.47	ppb
Molybdenum	95-1	0.13	0.25	0.24	0.21	31.83	ppb
Molybdenum	96-1	0.19	0.19	0.19	0.19	0.46	ppb
Molybdenum	97-1	0.22	0.21	0.19	0.21	7.41	ppb
Molybdenum	98-1	0.25	0.20	0.22	0.22	9.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.37	17.16	19.14	18.22	5.48	ppb
Phosphorus	31-2	20.32	29.36	54.46	34.72	50.95	ppb
Potassium	39-2	1801.90	1768.87	1775.77	1782.18	0.98	ppb
Rhodium	103-1				84		%
Rhodium	103-2				81		%
Scandium	45-1				81		%
Scandium	45-2				80		%
Selenium	77-2	1.52	0.00	0.00	0.51	173.21	ppb
Selenium	78-2	-0.61	0.14	0.68	0.07	902.51	ppb
Selenium	82-1	0.24	0.89	0.54	0.56	58.73	ppb
Silicon	28-1	11459.33	11579.68	11622.87	11553.96	0.73	ppb
Silver	109-1	0.04	0.06	0.08	0.06	34.07	ppb
Silver	107-1	0.05	0.05	0.08	0.06	28.00	ppb
Sodium	23-2	54212.11	52675.62	53611.43	53499.72	1.45	ppb
Strontium	86-1	375.54	375.85	369.99	373.79	0.88	ppb
Strontium	88-1	367.25	364.25	365.58	365.70	0.41	ppb
Sulfur	34-1	11041.07	11057.86	11484.18	11194.37	2.24	ppb
Terbium	159-1				103		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.01	0.02	0.01	61.80	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	35.31	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	20.67	ppb
Tin	118-1	-0.01	-0.03	-0.07	-0.04		ppb
Titanium	47-1	4.35	5.25	5.26	4.95	10.55	ppb
Uranium	238-1	0.89	0.93	0.95	0.92	3.73	ppb
Vanadium	51-2	4.60	4.27	4.10	4.32	5.93	ppb
Yttrium	89-1				88		%
Yttrium	89-2				85		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-19	Instrumnet Name :	P7
Client Sample ID :	MBE5M8D	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:07:37	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	120.86	117.14	118.20	118.73	1.61	ppb
Zirconium	90-1	0.11	0.08	0.08	0.09	21.97	ppb
Zirconium	91-1	0.04	0.15	0.07	0.09	60.47	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18LX5	Instrumnet Name :	P7
Client Sample ID :	MBE5M8L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:11:14	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.36	19.61	21.48	20.15	5.75	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	1.04	ppb
Arsenic	75-1	3.40	4.01	3.18	3.53	12.17	ppb
Barium	135-1	84.17	82.99	84.63	83.93	1.00	ppb
Barium	137-1	84.96	84.41	83.53	84.30	0.85	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	78.93	ppb
Bismuth	209-1				85		%
Bismuth	209-2				81		%
Boron	10-1	137.38	139.54	137.62	138.18	0.86	ppb
Boron	11-1	137.99	138.08	135.79	137.29	0.94	ppb
Cadmium	111-1	-0.33	-0.40	-0.36	-0.37		ppb
Cadmium	106-1	-4.06	-5.02	-4.66	-4.58		ppb
Cadmium	108-1	0.01	0.01	0.11	0.05	126.85	ppb
Calcium	43-1	48182.65	47781.24	49296.63	48420.17	1.62	ppb
Calcium	44-1	49081.83	48945.65	50130.99	49386.16	1.31	ppb
Chromium	52-2	1.13	1.10	1.18	1.14	3.48	ppb
Cobalt	59-2	0.14	0.16	0.16	0.15	9.36	ppb
Copper	63-2	0.66	0.59	0.73	0.66	10.08	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				89		%
Holmium	165-2				83		%
Indium	115-1				78		%
Indium	115-2				76		%
Iron	56-2	267.96	266.38	278.03	270.79	2.33	ppb
Iron	57-2	428.94	428.62	451.90	436.49	3.06	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.16	0.15	0.17	12.85	ppb
Lead	207-1	0.19	0.14	0.09	0.14	34.88	ppb
Lead	208-1	0.18	0.15	0.13	0.15	16.33	ppb
Lithium	6-1				72		%
Magnesium	24-2	4533.91	4433.29	4699.23	4555.48	2.95	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18LX5	Instrumnet Name :	P7
Client Sample ID :	MBE5M8L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:11:14	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	47.50	47.67	50.61	48.59	3.61	ppb
Molybdenum	94-1	0.01	0.06	0.07	0.05	63.88	ppb
Molybdenum	95-1	0.09	0.05	0.11	0.08	39.73	ppb
Molybdenum	96-1	0.07	0.03	0.04	0.04	46.17	ppb
Molybdenum	97-1	0.06	0.10	0.01	0.06	74.57	ppb
Molybdenum	98-1	0.06	0.04	0.06	0.05	15.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.67	3.30	3.46	3.48	5.42	ppb
Phosphorus	31-2	-10.84	-23.95	-29.91	-21.57		ppb
Potassium	39-2	340.53	345.86	370.85	352.41	4.59	ppb
Rhodium	103-1				74		%
Rhodium	103-2				74		%
Scandium	45-1				70		%
Scandium	45-2				70		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.16	-0.45	-0.70	-0.43		ppb
Selenium	82-1	0.38	-0.08	-0.17	0.04	717.96	ppb
Silicon	28-1	2189.92	2175.53	2228.82	2198.09	1.25	ppb
Silver	109-1	0.04	0.03	0.03	0.03	14.12	ppb
Silver	107-1	0.04	0.02	0.05	0.04	36.43	ppb
Sodium	23-2	10288.84	10188.52	10528.13	10335.16	1.69	ppb
Strontium	86-1	72.95	70.94	73.01	72.30	1.64	ppb
Strontium	88-1	72.37	71.84	71.95	72.05	0.39	ppb
Sulfur	34-1	3079.95	2832.29	3042.01	2984.75	4.47	ppb
Terbium	159-1				88		%
Terbium	159-2				82		%
Thallium	203-1	0.01	0.01	0.00	0.01	115.62	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.01	0.00	0.00	104.62	ppb
Tin	118-1	-0.01	-0.01	-0.03	-0.02		ppb
Titanium	47-1	1.00	0.93	0.79	0.91	11.64	ppb
Uranium	238-1	0.19	0.17	0.17	0.18	5.63	ppb
Vanadium	51-2	0.81	0.82	0.85	0.83	2.79	ppb
Yttrium	89-1				76		%
Yttrium	89-2				75		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18LX5	Instrumnet Name :	P7
Client Sample ID :	MBE5M8L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:11:14	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.92	21.91	25.45	23.42	7.78	ppb
Zirconium	90-1	0.03	0.01	0.02	0.02	44.58	ppb
Zirconium	91-1	0.04	0.02	0.03	0.03	40.73	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-20	Instrumnet Name :	P7
Client Sample ID :	MBE5M8S	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:14:51	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2143.22	2152.40	2165.27	2153.63	0.51	ppb
Antimony	121-1	96.24	94.47	95.93	95.54	0.99	ppb
Arsenic	75-1	50.54	51.09	48.66	50.10	2.55	ppb
Barium	135-1	2321.34	2297.99	2305.54	2308.29	0.52	ppb
Barium	137-1	2430.61	2400.96	2419.39	2416.99	0.62	ppb
Beryllium	9-1	51.92	51.30	52.03	51.75	0.76	ppb
Bismuth	209-1				99		%
Bismuth	209-2				91		%
Boron	10-1	391.29	408.39	396.63	398.77	2.19	ppb
Boron	11-1	396.13	405.50	409.36	403.66	1.69	ppb
Cadmium	111-1	48.18	47.33	47.56	47.69	0.92	ppb
Cadmium	106-1	36.53	32.74	33.33	34.20	5.96	ppb
Cadmium	108-1	39.32	40.07	36.58	38.66	4.75	ppb
Calcium	43-1	245647.66	245038.54	244668.09	245118.10	0.20	ppb
Calcium	44-1	252150.19	255119.46	254566.41	253945.35	0.62	ppb
Chromium	52-2	208.50	208.94	209.25	208.90	0.18	ppb
Cobalt	59-2	511.72	516.22	515.21	514.38	0.46	ppb
Copper	63-2	262.91	267.78	265.05	265.25	0.92	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				107		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	2373.26	2416.22	2380.14	2389.87	0.97	ppb
Iron	57-2	3184.75	3291.12	3243.34	3239.73	1.64	ppb
Krypton	83-1						cps
Lead	206-1	21.90	21.39	21.74	21.67	1.19	ppb
Lead	207-1	21.36	21.42	21.21	21.33	0.50	ppb
Lead	208-1	21.33	21.23	21.28	21.28	0.24	ppb
Lithium	6-1				87		%
Magnesium	24-2	22250.56	22287.12	22276.10	22271.26	0.08	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-20	Instrumnet Name :	P7
Client Sample ID :	MBE5M8S	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:14:51	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	749.69	760.73	753.81	754.74	0.74	ppb
Molybdenum	94-1	0.27	0.28	0.27	0.27	1.98	ppb
Molybdenum	95-1	0.17	0.26	0.10	0.18	46.82	ppb
Molybdenum	96-1	0.19	0.21	0.22	0.21	6.42	ppb
Molybdenum	97-1	0.07	0.19	0.21	0.16	49.95	ppb
Molybdenum	98-1	0.20	0.20	0.16	0.19	11.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.16	527.88	522.58	525.21	0.50	ppb
Phosphorus	31-2	47.18	24.95	36.03	36.05	30.82	ppb
Potassium	39-2	1779.81	1746.05	1736.97	1754.28	1.29	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				82		%
Scandium	45-2				81		%
Selenium	77-2	132.19	133.86	115.55	127.20	7.96	ppb
Selenium	78-2	141.57	131.78	136.70	136.68	3.58	ppb
Selenium	82-1	140.28	143.54	143.15	142.33	1.25	ppb
Silicon	28-1	11350.32	11396.69	11399.80	11382.27	0.24	ppb
Silver	109-1	47.97	46.96	47.32	47.42	1.08	ppb
Silver	107-1	49.02	47.43	47.30	47.92	2.00	ppb
Sodium	23-2	53518.53	53318.80	53105.57	53314.30	0.39	ppb
Strontium	86-1	370.13	372.97	367.29	370.13	0.77	ppb
Strontium	88-1	360.87	364.76	358.51	361.38	0.87	ppb
Sulfur	34-1	10339.02	10434.08	10221.67	10331.59	1.03	ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	50.50	50.18	51.51	50.73	1.37	ppb
Thallium	205-1	50.85	50.65	51.23	50.91	0.58	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	19.73	ppb
Tin	118-1	-0.05	-0.04	-0.04	-0.04		ppb
Titanium	47-1	3.55	4.04	4.06	3.88	7.44	ppb
Uranium	238-1	0.94	0.88	0.93	0.92	3.32	ppb
Vanadium	51-2	508.34	514.55	510.06	510.98	0.63	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-20	Instrumnet Name :	P7
Client Sample ID :	MBE5M8S	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:14:51	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	662.09	661.54	657.18	660.27	0.41	ppb
Zirconium	90-1	0.07	0.09	0.12	0.09	26.76	ppb
Zirconium	91-1	0.11	0.12	0.10	0.11	8.79	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-21	Instrumnet Name :	P7
Client Sample ID :	MBE5N6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:18:28	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.89	13.41	13.03	13.44	3.17	ppb
Antimony	121-1	0.07	0.07	0.09	0.08	10.67	ppb
Arsenic	75-1	13.65	14.34	14.32	14.10	2.77	ppb
Barium	135-1	82.72	81.75	80.25	81.57	1.53	ppb
Barium	137-1	81.11	81.10	80.13	80.78	0.70	ppb
Beryllium	9-1	0.06	-0.01	0.02	0.02	140.10	ppb
Bismuth	209-1				99		%
Bismuth	209-2				90		%
Boron	10-1	284.94	288.77	293.54	289.08	1.49	ppb
Boron	11-1	285.80	298.14	299.19	294.38	2.53	ppb
Cadmium	111-1	-0.26	-0.38	-0.41	-0.35		ppb
Cadmium	106-1	-3.21	-5.07	-5.10	-4.46		ppb
Cadmium	108-1	0.00	-0.09	0.00	-0.03		ppb
Calcium	43-1	41452.17	41618.67	41568.45	41546.43	0.21	ppb
Calcium	44-1	41725.52	42122.60	42270.48	42039.54	0.67	ppb
Chromium	52-2	0.03	0.00	0.05	0.03	87.37	ppb
Cobalt	59-2	0.05	0.07	0.05	0.06	19.48	ppb
Copper	63-2	1.04	0.94	1.01	1.00	5.51	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				103		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	56-2	27.12	27.44	27.22	27.26	0.59	ppb
Iron	57-2	155.06	169.95	145.01	156.67	8.01	ppb
Krypton	83-1						cps
Lead	206-1	1.34	1.31	1.29	1.32	1.87	ppb
Lead	207-1	1.23	1.20	1.20	1.21	1.16	ppb
Lead	208-1	1.25	1.25	1.26	1.26	0.48	ppb
Lithium	6-1				82		%
Magnesium	24-2	22756.25	22725.26	22557.98	22679.83	0.47	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-21	Instrumnet Name :	P7
Client Sample ID :	MBE5N6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:18:28	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	128.84	126.66	127.55	127.69	0.86	ppb
Molybdenum	94-1	1.18	1.33	1.03	1.18	12.65	ppb
Molybdenum	95-1	1.69	1.76	1.63	1.70	3.95	ppb
Molybdenum	96-1	1.50	1.50	1.76	1.59	9.44	ppb
Molybdenum	97-1	1.57	1.55	1.57	1.57	0.95	ppb
Molybdenum	98-1	1.59	1.56	1.67	1.61	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.32	0.24	0.34	32.06	ppb
Phosphorus	31-2	81.96	51.09	68.27	67.11	23.05	ppb
Potassium	39-2	1450.77	1491.75	1458.44	1466.99	1.49	ppb
Rhodium	103-1				84		%
Rhodium	103-2				81		%
Scandium	45-1				78		%
Scandium	45-2				78		%
Selenium	77-2	1.58	0.00	0.00	0.53	173.21	ppb
Selenium	78-2	-0.56	0.47	-0.56	-0.22		ppb
Selenium	82-1	0.44	-0.24	0.52	0.24	172.67	ppb
Silicon	28-1	9218.39	9328.22	9331.08	9292.56	0.69	ppb
Silver	109-1	0.06	0.04	0.06	0.05	19.40	ppb
Silver	107-1	0.05	0.05	0.03	0.04	23.64	ppb
Sodium	23-2	12449.55	12451.15	12369.08	12423.26	0.38	ppb
Strontium	86-1	1617.10	1630.43	1615.57	1621.03	0.50	ppb
Strontium	88-1	1686.31	1710.51	1715.93	1704.25	0.93	ppb
Sulfur	34-1	10916.50	11092.47	11275.53	11094.83	1.62	ppb
Terbium	159-1				101		%
Terbium	159-2				91		%
Thallium	203-1	0.00	0.00	0.00	0.00	28200.49	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Thorium	232-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	-0.02	-0.04	-0.05	-0.03		ppb
Titanium	47-1	1.01	1.23	1.17	1.14	9.75	ppb
Uranium	238-1	3.54	3.44	3.57	3.52	1.94	ppb
Vanadium	51-2	10.38	10.20	9.70	10.09	3.52	ppb
Yttrium	89-1				85		%
Yttrium	89-2				83		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-21	Instrumnet Name :	P7
Client Sample ID :	MBE5N6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:18:28	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.40	14.61	15.58	14.86	4.24	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	10.69	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	76.64	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-22	Instrumnet Name :	P7
Client Sample ID :	MBE5N8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:22:04	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.48	14.10	14.76	13.78	8.49	ppb
Antimony	121-1	0.04	0.09	0.05	0.06	40.86	ppb
Arsenic	75-1	10.36	11.49	13.16	11.67	12.08	ppb
Barium	135-1	45.09	45.63	44.57	45.10	1.17	ppb
Barium	137-1	44.17	46.51	45.05	45.24	2.62	ppb
Beryllium	9-1	0.06	0.03	0.03	0.04	43.32	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	294.56	305.02	317.46	305.68	3.75	ppb
Boron	11-1	301.40	308.72	317.98	309.37	2.69	ppb
Cadmium	111-1	-0.37	-0.14	-0.14	-0.22		ppb
Cadmium	106-1	-4.72	-2.05	-1.79	-2.85		ppb
Cadmium	108-1	0.00	0.18	-0.09	0.03	466.85	ppb
Calcium	43-1	47639.40	47606.00	47642.29	47629.23	0.04	ppb
Calcium	44-1	47631.26	48599.69	48164.23	48131.73	1.01	ppb
Chromium	52-2	0.48	0.41	0.41	0.44	9.52	ppb
Cobalt	59-2	0.03	0.03	0.04	0.04	16.07	ppb
Copper	63-2	4.79	4.58	4.59	4.66	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				93		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	56-2	6.90	6.63	6.29	6.61	4.56	ppb
Iron	57-2	144.62	162.49	155.14	154.08	5.83	ppb
Krypton	83-1						cps
Lead	206-1	4.56	4.68	4.73	4.66	1.85	ppb
Lead	207-1	4.30	4.56	4.32	4.39	3.32	ppb
Lead	208-1	4.43	4.57	4.42	4.47	1.82	ppb
Lithium	6-1				82		%
Magnesium	24-2	27428.45	27405.61	26873.52	27235.86	1.15	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-22	Instrumnet Name :	P7
Client Sample ID :	MBE5N8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:22:04	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	22.55	22.93	22.55	22.67	0.96	ppb
Molybdenum	94-1	0.56	1.04	0.86	0.82	29.71	ppb
Molybdenum	95-1	0.99	1.18	1.20	1.12	10.43	ppb
Molybdenum	96-1	1.16	1.18	1.01	1.12	8.21	ppb
Molybdenum	97-1	0.93	1.14	0.99	1.02	10.87	ppb
Molybdenum	98-1	1.09	1.05	1.19	1.11	6.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.10	0.25	0.20	45.25	ppb
Phosphorus	31-2	-7.90	4.04	26.38	7.51	231.89	ppb
Potassium	39-2	1573.74	1539.94	1528.39	1547.36	1.52	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				78		%
Scandium	45-2				78		%
Selenium	77-2	0.00	0.00	1.54	0.51	173.21	ppb
Selenium	78-2	-0.33	-0.32	-0.59	-0.41		ppb
Selenium	82-1	0.27	0.44	0.12	0.28	58.10	ppb
Silicon	28-1	9342.66	9539.22	9520.72	9467.53	1.15	ppb
Silver	109-1	0.03	0.03	0.03	0.03	12.29	ppb
Silver	107-1	0.04	0.04	0.04	0.04	7.84	ppb
Sodium	23-2	15121.48	14926.06	14642.96	14896.83	1.62	ppb
Strontium	86-1	1828.95	1844.95	1839.73	1837.88	0.44	ppb
Strontium	88-1	1911.78	1939.70	1954.55	1935.34	1.12	ppb
Sulfur	34-1	13122.58	13437.65	13387.89	13316.04	1.27	ppb
Terbium	159-1				101		%
Terbium	159-2				92		%
Thallium	203-1	0.00	0.01	0.00	0.00	531.74	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.07	-0.02	-0.02	-0.04		ppb
Titanium	47-1	1.17	0.77	0.96	0.97	20.58	ppb
Uranium	238-1	4.07	4.22	4.07	4.12	2.11	ppb
Vanadium	51-2	5.97	6.01	5.84	5.94	1.46	ppb
Yttrium	89-1				85		%
Yttrium	89-2				84		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-22	Instrumnet Name :	P7
Client Sample ID :	MBE5N8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:22:04	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	40.33	40.70	41.54	40.85	1.52	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	341.38	ppb
Zirconium	91-1	0.03	0.01	0.00	0.01	103.24	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18A	Instrumnet Name :	P7
Client Sample ID :	MBE5M8A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:25:39	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	125.78	103.09	108.04	112.31	10.62	ppb
Antimony	121-1	0.13	0.09	0.14	0.12	23.60	ppb
Arsenic	75-1	13.13	11.57	11.99	12.23	6.59	ppb
Barium	135-1	430.90	428.22	424.61	427.91	0.74	ppb
Barium	137-1	430.62	430.86	428.40	429.96	0.32	ppb
Beryllium	9-1	0.00	0.02	0.00	0.00	268.37	ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	10-1	393.79	421.24	409.34	408.13	3.37	ppb
Boron	11-1	396.78	409.15	410.52	405.48	1.87	ppb
Cadmium	111-1	-0.14	-0.18	-0.12	-0.15		ppb
Cadmium	106-1	-2.75	-3.17	-2.62	-2.85		ppb
Cadmium	108-1	0.16	0.00	-0.09	0.02	524.87	ppb
Calcium	43-1	245166.66	243280.33	243954.90	244133.96	0.39	ppb
Calcium	44-1	255581.52	255216.98	255414.06	255404.19	0.07	ppb
Chromium	52-2	5.92	5.74	5.61	5.76	2.64	ppb
Cobalt	59-2	0.82	0.87	0.70	0.80	10.99	ppb
Copper	63-2	2.16	2.28	2.41	2.28	5.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	56-2	1350.04	1383.94	1385.47	1373.15	1.46	ppb
Iron	57-2	2232.32	2204.63	2210.13	2215.69	0.66	ppb
Krypton	83-1						cps
Lead	206-1	0.72	0.86	0.72	0.77	10.82	ppb
Lead	207-1	0.66	0.63	0.66	0.65	3.03	ppb
Lead	208-1	0.66	0.70	0.68	0.68	2.81	ppb
Lithium	6-1				86		%
Magnesium	24-2	22393.98	22600.03	22507.31	22500.44	0.46	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18A	Instrumnet Name :	P7
Client Sample ID :	MBE5M8A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:25:39	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	241.43	249.76	247.86	246.35	1.77	ppb
Molybdenum	94-1	0.30	0.26	0.24	0.27	11.91	ppb
Molybdenum	95-1	0.17	0.21	0.20	0.19	11.23	ppb
Molybdenum	96-1	0.22	0.16	0.17	0.19	17.94	ppb
Molybdenum	97-1	0.14	0.29	0.17	0.20	39.42	ppb
Molybdenum	98-1	0.13	0.20	0.15	0.16	25.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.58	18.82	18.27	18.56	1.48	ppb
Phosphorus	31-2	14.43	15.08	55.65	28.39	83.18	ppb
Potassium	39-2	1749.87	1772.29	1794.73	1772.29	1.27	ppb
Rhodium	103-1				83		%
Rhodium	103-2				81		%
Scandium	45-1				81		%
Scandium	45-2				79		%
Selenium	77-2	18.58	6.18	4.60	9.79	78.22	ppb
Selenium	78-2	14.30	13.00	12.87	13.39	5.92	ppb
Selenium	82-1	10.67	14.69	12.84	12.73	15.83	ppb
Silicon	28-1	11514.85	11440.46	11387.71	11447.67	0.56	ppb
Silver	109-1	0.06	0.05	0.05	0.05	15.52	ppb
Silver	107-1	0.08	0.05	0.06	0.06	23.57	ppb
Sodium	23-2	53367.36	54153.76	53551.62	53690.91	0.77	ppb
Strontium	86-1	369.83	372.84	379.58	374.08	1.33	ppb
Strontium	88-1	361.11	361.33	367.02	363.16	0.92	ppb
Sulfur	34-1	10643.00	10536.41	10359.06	10512.82	1.36	ppb
Terbium	159-1				103		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.02	0.01	0.01	63.24	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	96.33	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	20.43	ppb
Tin	118-1	-0.02	-0.04	0.00	-0.02		ppb
Titanium	47-1	5.36	5.59	5.03	5.33	5.32	ppb
Uranium	238-1	0.86	0.94	0.91	0.90	4.18	ppb
Vanadium	51-2	4.14	4.07	4.27	4.16	2.52	ppb
Yttrium	89-1				87		%
Yttrium	89-2				84		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18A	Instrumnet Name :	P7
Client Sample ID :	MBE5M8A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:25:39	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	119.05	114.97	115.08	116.37	2.00	ppb
Zirconium	90-1	0.08	0.08	0.10	0.09	10.26	ppb
Zirconium	91-1	0.13	0.08	0.10	0.10	26.89	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16DLX10	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	10
Date & Time Acquired ::	2019-06-24 17:29:16	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75.60	81.07	76.91	77.86	3.67	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	37.01	ppb
Arsenic	75-1	2.32	2.79	2.55	2.55	9.20	ppb
Barium	135-1	7.31	6.79	6.84	6.98	4.12	ppb
Barium	137-1	6.86	7.07	6.77	6.90	2.24	ppb
Beryllium	9-1	0.02	0.01	-0.01	0.01	193.15	ppb
Bismuth	209-1				85		%
Bismuth	209-2				80		%
Boron	10-1	87.63	83.02	84.43	85.03	2.78	ppb
Boron	11-1	88.39	85.37	83.80	85.85	2.72	ppb
Cadmium	111-1	-0.41	-0.29	-0.13	-0.27		ppb
Cadmium	106-1	-5.51	-4.13	-2.08	-3.91		ppb
Cadmium	108-1	0.12	0.12	0.41	0.22	77.76	ppb
Calcium	43-1	18230.34	18086.66	17692.26	18003.09	1.55	ppb
Calcium	44-1	17365.61	17352.00	16960.88	17226.16	1.33	ppb
Chromium	52-2	0.52	0.45	0.48	0.48	7.77	ppb
Cobalt	59-2	0.16	0.15	0.19	0.17	13.71	ppb
Copper	63-2	1.08	1.08	1.03	1.06	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				81		%
Indium	115-1				76		%
Indium	115-2				75		%
Iron	56-2	193.07	194.37	191.56	193.00	0.73	ppb
Iron	57-2	244.01	240.50	253.43	245.98	2.72	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.15	0.16	0.14	22.37	ppb
Lead	207-1	0.08	0.11	0.12	0.10	16.88	ppb
Lead	208-1	0.10	0.13	0.12	0.12	13.13	ppb
Lithium	6-1				71		%
Magnesium	24-2	2014.00	2000.52	2035.46	2016.66	0.87	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16DLX10	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	10
Date & Time Acquired ::	2019-06-24 17:29:16	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.11	14.37	14.62	14.37	1.78	ppb
Molybdenum	94-1	0.09	0.08	0.08	0.08	7.75	ppb
Molybdenum	95-1	0.06	0.05	0.02	0.04	45.57	ppb
Molybdenum	96-1	0.04	0.02	0.06	0.04	46.77	ppb
Molybdenum	97-1	0.03	0.00	0.09	0.04	112.64	ppb
Molybdenum	98-1	0.01	0.04	0.03	0.03	58.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.65	0.87	0.74	15.69	ppb
Phosphorus	31-2	16.96	-2.93	-29.80	-5.26		ppb
Potassium	39-2	252.56	250.14	246.89	249.87	1.14	ppb
Rhodium	103-1				72		%
Rhodium	103-2				73		%
Scandium	45-1				68		%
Scandium	45-2				68		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.50	-0.11	-1.28	-0.30		ppb
Selenium	82-1	-0.05	0.05	0.45	0.15	178.67	ppb
Silicon	28-1	922.11	921.51	906.05	916.55	0.99	ppb
Silver	109-1	0.02	0.01	0.01	0.01	60.61	ppb
Silver	107-1	0.04	0.01	0.03	0.03	64.62	ppb
Sodium	23-2	3863.55	3955.12	3935.96	3918.21	1.23	ppb
Strontium	86-1	27.56	28.02	27.95	27.84	0.89	ppb
Strontium	88-1	27.57	27.82	26.78	27.39	2.00	ppb
Sulfur	34-1	4306.74	4415.02	4326.34	4349.36	1.33	ppb
Terbium	159-1				86		%
Terbium	159-2				80		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Thorium	232-1	0.00	0.01	0.01	0.00	29.92	ppb
Tin	118-1	-0.02	0.02	-0.03	-0.01		ppb
Titanium	47-1	3.67	3.35	3.37	3.47	5.09	ppb
Uranium	238-1	0.10	0.10	0.11	0.10	8.01	ppb
Vanadium	51-2	0.63	0.56	0.62	0.60	5.83	ppb
Yttrium	89-1				73		%
Yttrium	89-2				73		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16DLX10	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	10
Date & Time Acquired ::	2019-06-24 17:29:16	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	508.25	514.14	510.96	511.12	0.58	ppb
Zirconium	90-1	0.00	0.04	0.05	0.03	85.40	ppb
Zirconium	91-1	0.04	0.05	0.06	0.05	20.81	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-17DLX5	Instrumnet Name :	P7
Client Sample ID :	MBE5M7	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:33:39	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	152.69	156.96	159.84	156.49	2.30	ppb
Antimony	121-1	0.00	0.02	0.01	0.01	107.53	ppb
Arsenic	75-1	3.06	1.91	2.11	2.36	25.99	ppb
Barium	135-1	14.75	15.09	14.25	14.70	2.87	ppb
Barium	137-1	15.11	14.78	14.47	14.78	2.18	ppb
Beryllium	9-1	-0.02	0.03	0.00	0.00	887.90	ppb
Bismuth	209-1				83		%
Bismuth	209-2				80		%
Boron	10-1	109.21	115.82	113.30	112.78	2.96	ppb
Boron	11-1	117.45	113.82	112.11	114.46	2.38	ppb
Cadmium	111-1	0.04	-0.04	-0.09	-0.03		ppb
Cadmium	106-1	-1.79	-1.68	-2.28	-1.92		ppb
Cadmium	108-1	-0.09	0.12	-0.09	-0.02		ppb
Calcium	43-1	38260.26	38045.52	36283.69	37529.82	2.89	ppb
Calcium	44-1	38874.77	38911.25	37590.93	38458.98	1.96	ppb
Chromium	52-2	0.96	0.98	1.02	0.99	2.72	ppb
Cobalt	59-2	0.32	0.31	0.36	0.33	6.93	ppb
Copper	63-2	1.65	1.81	1.60	1.68	6.46	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				86		%
Holmium	165-2				81		%
Indium	115-1				74		%
Indium	115-2				75		%
Iron	56-2	387.66	399.06	385.94	390.89	1.82	ppb
Iron	57-2	501.71	487.22	513.17	500.70	2.60	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.22	0.28	0.26	12.95	ppb
Lead	207-1	0.25	0.30	0.17	0.24	26.09	ppb
Lead	208-1	0.27	0.24	0.23	0.25	7.96	ppb
Lithium	6-1				70		%
Magnesium	24-2	3990.38	4061.58	4001.80	4017.92	0.95	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-17DLX5	Instrumnet Name :	P7
Client Sample ID :	MBE5M7	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:33:39	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.74	28.36	28.31	28.47	0.83	ppb
Molybdenum	94-1	0.16	0.12	0.17	0.15	17.41	ppb
Molybdenum	95-1	0.09	0.10	0.06	0.08	26.29	ppb
Molybdenum	96-1	0.10	0.07	0.05	0.07	35.52	ppb
Molybdenum	97-1	0.13	0.06	0.07	0.09	44.46	ppb
Molybdenum	98-1	0.07	0.08	0.08	0.08	5.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.70	1.57	1.52	13.47	ppb
Phosphorus	31-2	-23.27	-23.09	-23.05	-23.14		ppb
Potassium	39-2	488.17	491.61	482.91	487.56	0.90	ppb
Rhodium	103-1				70		%
Rhodium	103-2				72		%
Scandium	45-1				66		%
Scandium	45-2				68		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.28	-1.28	-0.09	-0.88		ppb
Selenium	82-1	-0.28	-0.15	0.59	0.06	843.50	ppb
Silicon	28-1	2059.89	2067.87	1992.54	2040.10	2.03	ppb
Silver	109-1	0.01	0.00	0.03	0.01	103.78	ppb
Silver	107-1	0.02	0.01	0.00	0.01	65.68	ppb
Sodium	23-2	7745.99	7804.08	7787.84	7779.30	0.39	ppb
Strontium	86-1	57.79	55.62	55.17	56.19	2.50	ppb
Strontium	88-1	57.17	57.26	55.46	56.63	1.79	ppb
Sulfur	34-1	9367.99	9614.41	8722.38	9234.93	4.99	ppb
Terbium	159-1				85		%
Terbium	159-2				80		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.02	0.01	0.01	0.01	29.30	ppb
Tin	118-1	-0.01	-0.05	0.02	-0.01		ppb
Titanium	47-1	7.84	6.68	7.15	7.22	8.12	ppb
Uranium	238-1	0.23	0.22	0.22	0.22	3.49	ppb
Vanadium	51-2	1.16	1.21	1.03	1.13	8.15	ppb
Yttrium	89-1				72		%
Yttrium	89-2				73		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-17DLX5	Instrumnet Name :	P7
Client Sample ID :	MBE5M7	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:33:39	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1013.84	1026.36	1036.56	1025.59	1.11	ppb
Zirconium	90-1	0.09	0.07	0.08	0.08	15.32	ppb
Zirconium	91-1	0.18	0.14	0.10	0.14	30.92	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16DL2X5	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:37:15	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	151.13	149.15	161.47	153.92	4.30	ppb
Antimony	121-1	0.00	0.00	0.02	0.01	131.01	ppb
Arsenic	75-1	2.45	2.39	2.27	2.37	3.78	ppb
Barium	135-1	14.24	14.23	14.28	14.25	0.18	ppb
Barium	137-1	14.60	14.95	13.75	14.44	4.27	ppb
Beryllium	9-1	-0.02	0.03	0.01	0.01	289.64	ppb
Bismuth	209-1				85		%
Bismuth	209-2				80		%
Boron	10-1	106.95	104.82	102.59	104.79	2.08	ppb
Boron	11-1	106.71	106.08	106.84	106.54	0.38	ppb
Cadmium	111-1	-0.02	-0.25	-0.06	-0.11		ppb
Cadmium	106-1	-1.88	-4.89	-2.49	-3.09		ppb
Cadmium	108-1	0.42	0.01	-0.09	0.12	232.16	ppb
Calcium	43-1	36409.42	36408.60	36180.15	36332.72	0.36	ppb
Calcium	44-1	37370.28	37219.78	37157.97	37249.34	0.29	ppb
Chromium	52-2	0.98	0.98	0.98	0.98	0.24	ppb
Cobalt	59-2	0.25	0.30	0.29	0.28	9.43	ppb
Copper	63-2	1.77	1.93	1.77	1.82	5.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				80		%
Indium	115-1				76		%
Indium	115-2				74		%
Iron	56-2	376.81	378.54	380.17	378.51	0.44	ppb
Iron	57-2	494.91	508.87	488.81	497.53	2.07	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.24	0.29	0.25	11.83	ppb
Lead	207-1	0.18	0.20	0.23	0.20	12.24	ppb
Lead	208-1	0.23	0.23	0.24	0.23	3.46	ppb
Lithium	6-1				71		%
Magnesium	24-2	3952.62	3938.72	3941.87	3944.40	0.18	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16DL2X5	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:37:15	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.19	27.45	28.23	27.96	1.56	ppb
Molybdenum	94-1	0.26	0.21	0.18	0.22	19.23	ppb
Molybdenum	95-1	0.05	0.08	0.09	0.08	32.52	ppb
Molybdenum	96-1	0.12	0.10	0.06	0.09	29.70	ppb
Molybdenum	97-1	0.09	0.06	0.17	0.11	56.97	ppb
Molybdenum	98-1	0.07	0.04	0.06	0.06	27.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.72	1.78	1.81	1.77	2.65	ppb
Phosphorus	31-2	30.97	-16.63	17.66	10.67	230.19	ppb
Potassium	39-2	486.55	461.87	465.82	471.41	2.81	ppb
Rhodium	103-1				72		%
Rhodium	103-2				71		%
Scandium	45-1				67		%
Scandium	45-2				68		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.97	-0.98	-0.38	-0.78		ppb
Selenium	82-1	1.31	0.23	-0.27	0.42	192.21	ppb
Silicon	28-1	1992.48	2006.25	1987.49	1995.41	0.49	ppb
Silver	109-1	0.02	0.01	0.02	0.02	26.29	ppb
Silver	107-1	0.03	0.00	0.02	0.02	86.80	ppb
Sodium	23-2	7702.79	7609.26	7762.38	7691.48	1.00	ppb
Strontium	86-1	55.68	53.99	54.49	54.72	1.58	ppb
Strontium	88-1	55.23	55.42	55.09	55.25	0.30	ppb
Sulfur	34-1	8796.18	8556.38	8368.85	8573.80	2.50	ppb
Terbium	159-1				86		%
Terbium	159-2				80		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	31.46	ppb
Tin	118-1	0.02	-0.04	-0.03	-0.02		ppb
Titanium	47-1	6.86	6.67	6.22	6.58	4.96	ppb
Uranium	238-1	0.21	0.21	0.23	0.22	3.41	ppb
Vanadium	51-2	1.13	1.14	1.09	1.12	2.45	ppb
Yttrium	89-1				73		%
Yttrium	89-2				72		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16DL2X5	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:37:15	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	992.42	1002.44	1023.45	1006.10	1.57	ppb
Zirconium	90-1	0.08	0.16	0.04	0.09	68.14	ppb
Zirconium	91-1	0.12	0.07	0.12	0.10	24.62	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:40:50	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50210.68	50629.87	51254.93	50698.49	1.04	ppb
Antimony	121-1	461.67	457.41	454.31	457.80	0.81	ppb
Arsenic	75-1	488.53	491.52	481.39	487.15	1.07	ppb
Barium	135-1	2628.79	2600.60	2606.97	2612.12	0.57	ppb
Barium	137-1	2618.32	2585.51	2592.57	2598.80	0.66	ppb
Beryllium	9-1	492.15	489.35	488.49	489.99	0.39	ppb
Bismuth	209-1				75		%
Bismuth	209-2				72		%
Boron	10-1	490.21	502.18	512.71	501.70	2.24	ppb
Boron	11-1	491.98	501.99	504.96	499.64	1.36	ppb
Cadmium	111-1	498.21	492.05	492.19	494.15	0.71	ppb
Cadmium	106-1	499.43	476.18	485.54	487.05	2.40	ppb
Cadmium	108-1	502.22	485.25	489.70	492.39	1.79	ppb
Calcium	43-1	241652.60	240733.98	239203.85	240530.14	0.51	ppb
Calcium	44-1	249560.79	249065.29	248388.40	249004.83	0.24	ppb
Chromium	52-2	480.83	484.59	484.40	483.27	0.44	ppb
Cobalt	59-2	474.71	481.36	486.62	480.90	1.24	ppb
Copper	63-2	1026.21	1038.38	1042.07	1035.55	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				80		%
Indium	115-1				70		%
Indium	115-2				70		%
Iron	56-2	124009.53	124287.63	125739.55	124678.90	0.75	ppb
Iron	57-2	121138.95	122276.61	122182.17	121865.91	0.52	ppb
Krypton	83-1						cps
Lead	206-1	503.20	504.87	506.02	504.70	0.28	ppb
Lead	207-1	504.46	497.16	502.13	501.25	0.74	ppb
Lead	208-1	501.24	496.67	499.68	499.20	0.47	ppb
Lithium	6-1				68		%
Magnesium	24-2	248343.91	248202.71	249086.98	248544.53	0.19	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:40:50	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	965.10	972.73	977.47	971.77	0.64	ppb
Molybdenum	94-1	2401.37	2406.88	2395.10	2401.12	0.25	ppb
Molybdenum	95-1	2417.51	2430.53	2403.10	2417.05	0.57	ppb
Molybdenum	96-1	2400.72	2414.16	2372.66	2395.85	0.88	ppb
Molybdenum	97-1	2442.23	2462.08	2432.65	2445.66	0.61	ppb
Molybdenum	98-1	2537.68	2553.69	2539.01	2543.46	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	459.82	475.32	467.69	467.61	1.66	ppb
Phosphorus	31-2	9707.49	9467.25	9252.04	9475.59	2.40	ppb
Potassium	39-2	126535.55	126521.65	127384.18	126813.79	0.39	ppb
Rhodium	103-1				63		%
Rhodium	103-2				65		%
Scandium	45-1				65		%
Scandium	45-2				68		%
Selenium	77-2	451.03	522.46	458.39	477.29	8.23	ppb
Selenium	78-2	495.43	500.16	479.94	491.84	2.15	ppb
Selenium	82-1	477.60	485.28	480.83	481.23	0.80	ppb
Silicon	28-1	485.71	486.44	493.42	488.52	0.87	ppb
Silver	109-1	495.71	494.82	489.68	493.40	0.66	ppb
Silver	107-1	495.69	492.17	491.57	493.14	0.45	ppb
Sodium	23-2	250237.74	250715.76	251307.88	250753.79	0.21	ppb
Strontium	86-1	484.63	489.87	479.90	484.80	1.03	ppb
Strontium	88-1	479.40	479.01	476.08	478.16	0.38	ppb
Sulfur	34-1	11152.10	10854.80	10988.91	10998.60	1.35	ppb
Terbium	159-1				82		%
Terbium	159-2				79		%
Thallium	203-1	501.04	496.85	494.98	497.62	0.62	ppb
Thallium	205-1	521.84	520.15	525.87	522.62	0.56	ppb
Thorium	232-1	540.37	538.58	540.69	539.88	0.21	ppb
Tin	118-1	460.35	462.13	455.17	459.22	0.79	ppb
Titanium	47-1	2480.69	2490.72	2487.85	2486.42	0.21	ppb
Uranium	238-1	541.54	539.51	540.80	540.62	0.19	ppb
Vanadium	51-2	490.10	490.05	489.05	489.73	0.12	ppb
Yttrium	89-1				70		%
Yttrium	89-2				72		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:40:50	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1007.66	1016.19	1013.59	1012.48	0.43	ppb
Zirconium	90-1	492.02	491.56	490.55	491.38	0.15	ppb
Zirconium	91-1	497.42	497.38	493.21	496.00	0.49	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:44:27	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.33	3.44	0.62	3.13	75.61	ppb
Antimony	121-1	0.33	0.39	0.36	0.36	8.90	ppb
Arsenic	75-1	0.20	0.08	0.27	0.18	54.01	ppb
Barium	135-1	0.21	0.21	0.13	0.18	26.21	ppb
Barium	137-1	0.33	0.17	0.11	0.20	54.06	ppb
Beryllium	9-1	0.10	0.06	0.10	0.09	31.24	ppb
Bismuth	209-1				84		%
Bismuth	209-2				79		%
Boron	10-1	33.03	31.95	30.27	31.75	4.38	ppb
Boron	11-1	31.56	32.55	30.16	31.42	3.82	ppb
Cadmium	111-1	-0.13	-0.05	-0.22	-0.14		ppb
Cadmium	106-1	-2.69	-1.06	-3.34	-2.36		ppb
Cadmium	108-1	0.02	0.02	0.12	0.05	117.50	ppb
Calcium	43-1	29.07	17.53	22.18	22.93	25.32	ppb
Calcium	44-1	23.24	21.56	18.13	20.97	12.42	ppb
Chromium	52-2	0.06	0.00	-0.07	0.00		ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	14.76	ppb
Copper	63-2	0.10	0.19	0.04	0.11	69.52	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				86		%
Holmium	165-2				80		%
Indium	115-1				75		%
Indium	115-2				75		%
Iron	56-2	7.28	5.38	4.28	5.65	26.86	ppb
Iron	57-2	7.47	5.39	6.19	6.35	16.56	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.07	0.05	0.08	38.89	ppb
Lead	207-1	0.08	0.07	0.00	0.05	88.07	ppb
Lead	208-1	0.07	0.06	0.04	0.06	34.75	ppb
Lithium	6-1				71		%
Magnesium	24-2	13.07	11.22	11.57	11.95	8.21	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:44:27	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.04	0.09	0.06	44.95	ppb
Molybdenum	94-1	0.66	0.40	0.40	0.49	30.84	ppb
Molybdenum	95-1	0.72	0.49	0.43	0.55	28.09	ppb
Molybdenum	96-1	0.58	0.56	0.45	0.53	13.38	ppb
Molybdenum	97-1	0.78	0.41	0.48	0.56	35.68	ppb
Molybdenum	98-1	0.61	0.50	0.57	0.56	10.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.04	-0.01	-0.01		ppb
Phosphorus	31-2	-16.21	-9.97	-43.37	-23.18		ppb
Potassium	39-2	4.25	8.01	13.09	8.45	52.55	ppb
Rhodium	103-1				72		%
Rhodium	103-2				72		%
Scandium	45-1				67		%
Scandium	45-2				67		%
Selenium	77-2	1.81	0.00	0.00	0.60	173.21	ppb
Selenium	78-2	-0.07	-0.68	0.51	-0.08		ppb
Selenium	82-1	0.41	0.38	-0.05	0.25	104.56	ppb
Silicon	28-1	0.34	0.83	0.55	0.57	42.81	ppb
Silver	109-1	0.09	0.06	0.06	0.07	20.62	ppb
Silver	107-1	0.05	0.04	0.08	0.05	40.39	ppb
Sodium	23-2	39.86	38.36	33.80	37.34	8.45	ppb
Strontium	86-1	0.06	0.06	0.09	0.07	21.00	ppb
Strontium	88-1	0.06	0.05	0.04	0.05	22.67	ppb
Sulfur	34-1	840.99	726.42	777.14	781.52	7.35	ppb
Terbium	159-1				85		%
Terbium	159-2				79		%
Thallium	203-1	0.14	0.10	0.14	0.13	17.52	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	8.09	ppb
Thorium	232-1	0.11	0.11	0.08	0.10	16.22	ppb
Tin	118-1	0.09	0.10	0.05	0.08	30.51	ppb
Titanium	47-1	0.38	0.39	0.30	0.35	13.92	ppb
Uranium	238-1	0.05	0.03	0.02	0.03	33.40	ppb
Vanadium	51-2	0.02	0.04	0.04	0.03	34.85	ppb
Yttrium	89-1				72		%
Yttrium	89-2				72		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:44:27	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.18	0.13	0.19	0.16	19.96	ppb
Zirconium	90-1	0.06	0.08	0.06	0.07	12.11	ppb
Zirconium	91-1	0.03	0.06	0.05	0.05	35.95	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:48:02	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.70	21.35	17.17	19.41	10.85	ppb
Antimony	121-1	1.90	1.84	2.05	1.93	5.48	ppb
Arsenic	75-1	1.72	1.51	0.78	1.34	36.89	ppb
Barium	135-1	9.95	9.29	8.89	9.38	5.67	ppb
Barium	137-1	9.64	8.90	8.63	9.06	5.74	ppb
Beryllium	9-1	0.96	1.15	1.06	1.05	9.09	ppb
Bismuth	209-1				83		%
Bismuth	209-2				80		%
Boron	10-1	41.75	43.20	44.74	43.23	3.45	ppb
Boron	11-1	43.39	43.13	42.57	43.03	0.97	ppb
Cadmium	111-1	0.87	0.77	0.86	0.83	6.52	ppb
Cadmium	106-1	-0.40	-0.94	-1.00	-0.78		ppb
Cadmium	108-1	1.17	0.96	1.16	1.10	10.58	ppb
Calcium	43-1	525.03	531.56	514.28	523.62	1.67	ppb
Calcium	44-1	479.73	487.39	485.71	484.28	0.83	ppb
Chromium	52-2	2.08	1.80	1.96	1.95	7.34	ppb
Cobalt	59-2	1.03	1.05	0.96	1.02	4.62	ppb
Copper	63-2	2.09	2.02	2.01	2.04	2.07	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				85		%
Holmium	165-2				80		%
Indium	115-1				75		%
Indium	115-2				75		%
Iron	56-2	55.87	57.11	56.63	56.54	1.10	ppb
Iron	57-2	63.67	55.99	59.48	59.71	6.44	ppb
Krypton	83-1						cps
Lead	206-1	0.98	1.02	0.99	1.00	1.73	ppb
Lead	207-1	0.95	0.97	1.03	0.98	4.36	ppb
Lead	208-1	0.92	0.97	0.97	0.96	2.98	ppb
Lithium	6-1				71		%
Magnesium	24-2	542.43	545.49	534.14	540.69	1.09	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:48:02	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.14	1.12	1.10	1.12	1.45	ppb
Molybdenum	94-1	4.50	4.74	5.16	4.80	6.90	ppb
Molybdenum	95-1	4.60	5.28	5.18	5.02	7.33	ppb
Molybdenum	96-1	5.11	5.37	4.81	5.10	5.55	ppb
Molybdenum	97-1	5.03	5.00	5.25	5.10	2.65	ppb
Molybdenum	98-1	4.94	5.15	5.17	5.09	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.89	0.73	0.89	17.99	ppb
Phosphorus	31-2	30.71	3.45	42.40	25.52	78.31	ppb
Potassium	39-2	493.16	509.39	535.73	512.76	4.19	ppb
Rhodium	103-1				72		%
Rhodium	103-2				74		%
Scandium	45-1				67		%
Scandium	45-2				69		%
Selenium	77-2	3.55	1.75	6.97	4.09	64.88	ppb
Selenium	78-2	4.89	4.79	5.35	5.01	5.94	ppb
Selenium	82-1	4.60	4.61	5.18	4.80	6.90	ppb
Silicon	28-1	6.63	6.69	7.19	6.84	4.43	ppb
Silver	109-1	1.03	1.06	1.01	1.03	2.07	ppb
Silver	107-1	1.03	1.08	1.07	1.06	2.94	ppb
Sodium	23-2	527.64	532.78	510.67	523.70	2.21	ppb
Strontium	86-1	0.79	0.96	1.15	0.97	18.38	ppb
Strontium	88-1	0.92	0.89	1.01	0.94	6.93	ppb
Sulfur	34-1	845.26	951.93	942.31	913.17	6.46	ppb
Terbium	159-1				84		%
Terbium	159-2				80		%
Thallium	203-1	0.97	0.93	1.02	0.98	4.56	ppb
Thallium	205-1	0.97	0.96	0.97	0.96	0.63	ppb
Thorium	232-1	0.89	0.92	0.89	0.90	1.71	ppb
Tin	118-1	4.80	4.67	4.74	4.73	1.33	ppb
Titanium	47-1	5.42	5.01	4.67	5.03	7.51	ppb
Uranium	238-1	0.96	0.95	0.92	0.94	2.43	ppb
Vanadium	51-2	4.98	5.46	4.98	5.14	5.41	ppb
Yttrium	89-1				72		%
Yttrium	89-2				74		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:48:02	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.13	2.27	2.31	2.24	4.08	ppb
Zirconium	90-1	0.99	0.92	0.91	0.94	4.52	ppb
Zirconium	91-1	1.10	0.85	0.81	0.92	16.91	ppb

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : PB120875BL Instrumnet Name : P7
 Client Sample ID : PB120875BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 17:51:38 DataFile Name : 059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	-0.14	0.94	0.34	160.61	ppb
Antimony	121-1	0.02	0.01	0.06	0.03	105.18	ppb
Arsenic	75-1	0.41	-0.13	0.00	0.09	307.81	ppb
Barium	135-1	-0.02	0.00	-0.02	-0.01		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.03	0.04	0.02	0.03	45.44	ppb
Bismuth	209-1				83		%
Bismuth	209-2				79		%
Boron	10-1	17.62	16.86	15.41	16.63	6.75	ppb
Boron	11-1	17.04	16.89	15.66	16.53	4.58	ppb
Cadmium	111-1	-0.28	-0.19	0.04	-0.14		ppb
Cadmium	106-1	-3.62	-2.28	0.43	-1.83		ppb
Cadmium	108-1	0.02	0.02	-0.09	-0.02		ppb
Calcium	43-1	-4.72	-4.72	-4.69	-4.71		ppb
Calcium	44-1	-1.65	-1.51	0.42	-0.91		ppb
Chromium	52-2	0.02	-0.01	0.00	0.01	329.53	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	0.03	0.03	0.04	0.03	11.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				80		%
Indium	115-1				75		%
Indium	115-2				75		%
Iron	56-2	0.01	-0.05	-0.29	-0.11		ppb
Iron	57-2	1.05	0.55	-0.87	0.24	406.94	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	-0.02	0.00	597.74	ppb
Lead	207-1	0.00	0.01	-0.02	0.00		ppb
Lead	208-1	0.00	-0.01	-0.02	-0.01		ppb
Lithium	6-1				72		%
Magnesium	24-2	-0.20	-0.50	-0.35	-0.35		ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120875BL	Instrumnet Name :	P7
Client Sample ID :	PB120875BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:51:38	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	-0.01	-0.01	0.00	9657.39	ppb
Molybdenum	94-1	0.04	0.09	0.02	0.05	80.95	ppb
Molybdenum	95-1	0.04	0.03	0.01	0.03	49.83	ppb
Molybdenum	96-1	0.00	0.03	0.09	0.04	114.76	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.01	155.68	ppb
Molybdenum	98-1	0.03	0.05	0.02	0.03	54.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.06	0.00	-0.03		ppb
Phosphorus	31-2	-23.33	-36.75	-43.37	-34.48		ppb
Potassium	39-2	0.69	-6.63	-6.34	-4.10		ppb
Rhodium	103-1				73		%
Rhodium	103-2				73		%
Scandium	45-1				68		%
Scandium	45-2				69		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.11	1.06	-1.87	-0.31		ppb
Selenium	82-1	0.32	-0.10	-0.17	0.02	1515.12	ppb
Silicon	28-1	-1.64	-1.78	-1.23	-1.55		ppb
Silver	109-1	0.02	0.00	0.01	0.01	163.81	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	16.58	13.68	13.47	14.58	11.90	ppb
Strontium	86-1	-0.06	0.01	0.02	-0.01		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	764.80	722.05	781.79	756.21	4.07	ppb
Terbium	159-1				85		%
Terbium	159-2				79		%
Thallium	203-1	0.03	0.03	0.01	0.03	42.79	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	33.11	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	16.79	ppb
Tin	118-1	0.04	0.02	-0.01	0.02	170.00	ppb
Titanium	47-1	-0.02	0.04	0.01	0.01	242.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	173.21	ppb
Yttrium	89-1				73		%
Yttrium	89-2				73		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120875BL	Instrumnet Name :	P7
Client Sample ID :	PB120875BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:51:38	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.17	-0.29	0.05	-0.03		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	34.41	ppb
Zirconium	91-1	0.04	0.02	-0.02	0.01	196.39	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120875BS	Instrumnet Name :	P7
Client Sample ID :	PB120875BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:55:15	DataFile Name :	060LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10988.18	10898.37	10791.90	10892.81	0.90	ppb
Antimony	121-1	479.07	478.74	470.11	475.97	1.07	ppb
Arsenic	75-1	499.26	495.85	487.73	494.28	1.20	ppb
Barium	135-1	2340.20	2358.85	2317.21	2338.75	0.89	ppb
Barium	137-1	2337.20	2324.12	2300.87	2320.73	0.79	ppb
Beryllium	9-1	506.56	504.51	505.02	505.36	0.21	ppb
Bismuth	209-1				83		%
Bismuth	209-2				77		%
Boron	10-1	495.78	505.77	506.29	502.62	1.18	ppb
Boron	11-1	489.44	497.96	505.45	497.62	1.61	ppb
Cadmium	111-1	473.29	475.70	469.21	472.73	0.69	ppb
Cadmium	106-1	474.23	472.90	476.69	474.61	0.40	ppb
Cadmium	108-1	485.48	489.13	461.01	478.54	3.20	ppb
Calcium	43-1	51278.93	51020.29	51270.67	51189.96	0.29	ppb
Calcium	44-1	52158.94	52327.27	52013.21	52166.47	0.30	ppb
Chromium	52-2	505.20	508.21	498.13	503.85	1.03	ppb
Cobalt	59-2	509.55	511.03	505.12	508.56	0.60	ppb
Copper	63-2	1028.78	1028.87	1023.26	1026.97	0.31	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				88		%
Holmium	165-2				81		%
Indium	115-1				75		%
Indium	115-2				73		%
Iron	56-2	27138.03	27193.32	26819.61	27050.32	0.75	ppb
Iron	57-2	26907.38	26921.34	27030.27	26953.00	0.25	ppb
Krypton	83-1						cps
Lead	206-1	505.54	498.88	498.91	501.11	0.77	ppb
Lead	207-1	496.26	497.24	498.35	497.28	0.21	ppb
Lead	208-1	494.55	492.76	491.76	493.02	0.29	ppb
Lithium	6-1				72		%
Magnesium	24-2	53437.40	53581.61	53069.20	53362.74	0.50	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120875BS	Instrumnet Name :	P7
Client Sample ID :	PB120875BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:55:15	DataFile Name :	060LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1013.69	1017.90	1014.47	1015.35	0.22	ppb
Molybdenum	94-1	2450.36	2441.30	2457.36	2449.68	0.33	ppb
Molybdenum	95-1	2445.41	2461.16	2465.87	2457.48	0.44	ppb
Molybdenum	96-1	2429.17	2430.28	2443.68	2434.37	0.33	ppb
Molybdenum	97-1	2448.05	2471.68	2481.96	2467.23	0.70	ppb
Molybdenum	98-1	2570.45	2592.55	2602.74	2588.58	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.48	511.98	506.60	508.35	0.62	ppb
Phosphorus	31-2	9811.38	9897.66	9739.42	9816.16	0.81	ppb
Potassium	39-2	26820.85	26719.72	26602.94	26714.50	0.41	ppb
Rhodium	103-1				70		%
Rhodium	103-2				70		%
Scandium	45-1				68		%
Scandium	45-2				68		%
Selenium	77-2	560.56	534.21	501.42	532.06	5.57	ppb
Selenium	78-2	505.89	508.28	515.92	510.03	1.03	ppb
Selenium	82-1	502.14	512.76	513.01	509.30	1.22	ppb
Silicon	28-1	570.04	581.53	584.87	578.81	1.34	ppb
Silver	109-1	482.50	483.66	473.96	480.04	1.10	ppb
Silver	107-1	485.93	484.94	478.16	483.01	0.88	ppb
Sodium	23-2	53655.32	53795.24	52902.60	53451.06	0.90	ppb
Strontium	86-1	492.47	508.47	500.09	500.34	1.60	ppb
Strontium	88-1	513.76	522.86	523.83	520.15	1.07	ppb
Sulfur	34-1	10849.15	10642.38	10336.86	10609.46	2.43	ppb
Terbium	159-1				86		%
Terbium	159-2				80		%
Thallium	203-1	492.13	488.65	482.92	487.90	0.95	ppb
Thallium	205-1	517.51	518.84	514.43	516.93	0.44	ppb
Thorium	232-1	509.31	513.31	515.90	512.84	0.65	ppb
Tin	118-1	479.47	479.23	474.00	477.57	0.65	ppb
Titanium	47-1	2508.50	2501.47	2476.78	2495.58	0.67	ppb
Uranium	238-1	510.03	515.95	515.56	513.85	0.64	ppb
Vanadium	51-2	501.60	506.24	498.17	502.00	0.81	ppb
Yttrium	89-1				73		%
Yttrium	89-2				73		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120875BS	Instrumnet Name :	P7
Client Sample ID :	PB120875BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:55:15	DataFile Name :	060LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1040.18	1022.36	1034.24	1032.26	0.88	ppb
Zirconium	90-1	498.66	493.75	498.28	496.90	0.55	ppb
Zirconium	91-1	505.59	504.11	508.63	506.11	0.46	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01	Instrumnet Name :	P7
Client Sample ID :	390612127	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:58:52	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.31	2.61	1.60	2.18	23.84	ppb
Antimony	121-1	0.30	0.36	0.44	0.36	19.14	ppb
Arsenic	75-1	0.08	-0.11	0.19	0.05	282.94	ppb
Barium	135-1	28.38	27.30	28.34	28.01	2.18	ppb
Barium	137-1	29.29	28.53	28.12	28.65	2.07	ppb
Beryllium	9-1	0.13	0.12	0.09	0.12	17.54	ppb
Bismuth	209-1				80		%
Bismuth	209-2				76		%
Boron	10-1	58.63	58.60	57.36	58.20	1.24	ppb
Boron	11-1	60.11	58.24	55.66	58.00	3.85	ppb
Cadmium	111-1	-0.06	-0.21	-0.10	-0.13		ppb
Cadmium	106-1	-2.10	-3.56	-2.55	-2.74		ppb
Cadmium	108-1	0.22	-0.09	-0.09	0.02	1129.14	ppb
Calcium	43-1	86948.07	87293.94	87206.67	87149.56	0.21	ppb
Calcium	44-1	88572.60	89530.18	90379.56	89494.11	1.01	ppb
Chromium	52-2	0.58	0.58	0.50	0.55	8.42	ppb
Cobalt	59-2	0.18	0.18	0.18	0.18	2.26	ppb
Copper	63-2	26.44	25.56	25.78	25.93	1.75	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				86		%
Holmium	165-2				81		%
Indium	115-1				74		%
Indium	115-2				74		%
Iron	56-2	20.68	20.41	19.97	20.35	1.76	ppb
Iron	57-2	307.13	295.06	347.48	316.56	8.67	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.42	0.39	0.40	4.78	ppb
Lead	207-1	0.44	0.41	0.40	0.42	5.40	ppb
Lead	208-1	0.42	0.42	0.38	0.41	5.69	ppb
Lithium	6-1				72		%
Magnesium	24-2	43592.92	43385.58	43864.84	43614.45	0.55	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01	Instrumnet Name :	P7
Client Sample ID :	390612127	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:58:52	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.15	1.21	1.27	1.21	5.33	ppb
Molybdenum	94-1	0.85	0.71	0.56	0.71	19.99	ppb
Molybdenum	95-1	0.81	0.92	0.68	0.80	14.93	ppb
Molybdenum	96-1	0.82	0.71	0.78	0.77	7.14	ppb
Molybdenum	97-1	1.07	0.85	0.86	0.93	13.73	ppb
Molybdenum	98-1	0.93	0.64	0.72	0.76	19.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.51	1.96	2.01	1.83	15.11	ppb
Phosphorus	31-2	-17.23	1.77	-4.22	-6.56		ppb
Potassium	39-2	1049.77	1046.57	1043.99	1046.78	0.28	ppb
Rhodium	103-1				70		%
Rhodium	103-2				71		%
Scandium	45-1				68		%
Scandium	45-2				71		%
Selenium	77-2	0.00	1.75	0.00	0.58	173.21	ppb
Selenium	78-2	-0.69	-0.13	0.74	-0.03		ppb
Selenium	82-1	0.42	0.96	1.21	0.86	46.77	ppb
Silicon	28-1	4317.45	4360.80	4402.47	4360.24	0.98	ppb
Silver	109-1	0.11	0.09	0.06	0.09	26.75	ppb
Silver	107-1	0.04	0.08	0.07	0.06	34.71	ppb
Sodium	23-2	75838.42	75213.00	75820.38	75623.93	0.47	ppb
Strontium	86-1	87.45	89.39	89.53	88.79	1.31	ppb
Strontium	88-1	89.30	89.36	89.63	89.43	0.19	ppb
Sulfur	34-1	8215.27	8475.36	8294.35	8328.33	1.60	ppb
Terbium	159-1				85		%
Terbium	159-2				80		%
Thallium	203-1	0.13	0.15	0.13	0.13	8.06	ppb
Thallium	205-1	0.14	0.11	0.10	0.12	17.75	ppb
Thorium	232-1	0.17	0.13	0.11	0.14	21.50	ppb
Tin	118-1	8.08	8.13	7.66	7.96	3.24	ppb
Titanium	47-1	0.99	0.82	0.86	0.89	9.59	ppb
Uranium	238-1	0.42	0.41	0.40	0.41	2.43	ppb
Vanadium	51-2	0.11	0.10	0.10	0.10	6.41	ppb
Yttrium	89-1				73		%
Yttrium	89-2				74		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01	Instrumnet Name :	P7
Client Sample ID :	390612127	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:58:52	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	25.27	24.71	26.16	25.38	2.89	ppb
Zirconium	90-1	0.08	0.10	0.07	0.08	16.36	ppb
Zirconium	91-1	0.09	0.07	0.03	0.06	46.36	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01DUP	Instrumnet Name :	P7
Client Sample ID :	390612127DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:02:28	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.91	1.55	2.92	2.13	33.47	ppb
Antimony	121-1	0.11	0.10	0.07	0.10	22.02	ppb
Arsenic	75-1	0.15	0.49	0.43	0.35	51.54	ppb
Barium	135-1	26.87	27.74	26.81	27.14	1.91	ppb
Barium	137-1	29.02	28.22	28.43	28.56	1.44	ppb
Beryllium	9-1	0.13	0.03	0.10	0.09	55.85	ppb
Bismuth	209-1				81		%
Bismuth	209-2				77		%
Boron	10-1	46.70	46.88	45.24	46.27	1.95	ppb
Boron	11-1	45.61	46.75	46.25	46.20	1.24	ppb
Cadmium	111-1	-0.04	-0.12	-0.37	-0.18		ppb
Cadmium	106-1	-0.72	-1.76	-4.95	-2.48		ppb
Cadmium	108-1	-0.09	0.22	0.01	0.05	324.70	ppb
Calcium	43-1	85900.28	86927.58	87006.73	86611.53	0.71	ppb
Calcium	44-1	87737.59	90464.08	90317.81	89506.49	1.71	ppb
Chromium	52-2	0.57	0.51	0.55	0.54	6.06	ppb
Cobalt	59-2	0.13	0.16	0.16	0.15	13.26	ppb
Copper	63-2	25.99	25.42	26.30	25.90	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				82		%
Indium	115-1				75		%
Indium	115-2				76		%
Iron	56-2	19.48	19.00	19.45	19.31	1.39	ppb
Iron	57-2	304.71	338.40	340.90	328.00	6.16	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.44	0.37	0.40	8.98	ppb
Lead	207-1	0.38	0.40	0.42	0.40	4.57	ppb
Lead	208-1	0.38	0.39	0.41	0.40	2.97	ppb
Lithium	6-1				73		%
Magnesium	24-2	44465.64	44029.67	43890.68	44128.66	0.68	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01DUP	Instrumnet Name :	P7
Client Sample ID :	390612127DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:02:28	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.16	1.34	1.22	1.24	7.64	ppb
Molybdenum	94-1	0.15	0.17	0.14	0.16	10.85	ppb
Molybdenum	95-1	0.21	0.15	0.18	0.18	17.45	ppb
Molybdenum	96-1	0.24	0.13	0.20	0.19	30.08	ppb
Molybdenum	97-1	0.23	0.21	0.20	0.21	6.82	ppb
Molybdenum	98-1	0.21	0.16	0.25	0.21	23.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.96	2.14	1.89	15.31	ppb
Phosphorus	31-2	-17.74	-17.95	-11.49	-15.73		ppb
Potassium	39-2	1072.13	1066.00	1061.07	1066.40	0.52	ppb
Rhodium	103-1				71		%
Rhodium	103-2				73		%
Scandium	45-1				69		%
Scandium	45-2				72		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.72	-0.45	-0.43	-0.54		ppb
Selenium	82-1	1.02	0.59	0.39	0.67	48.56	ppb
Silicon	28-1	4303.90	4408.99	4367.65	4360.18	1.21	ppb
Silver	109-1	0.02	0.02	0.02	0.02	25.05	ppb
Silver	107-1	0.02	0.02	0.02	0.02	19.13	ppb
Sodium	23-2	76842.86	76344.86	76367.16	76518.29	0.37	ppb
Strontium	86-1	89.25	86.74	88.66	88.22	1.49	ppb
Strontium	88-1	88.96	88.77	88.50	88.74	0.26	ppb
Sulfur	34-1	8636.73	8825.66	8652.85	8705.08	1.20	ppb
Terbium	159-1				86		%
Terbium	159-2				81		%
Thallium	203-1	0.06	0.02	0.03	0.04	59.10	ppb
Thallium	205-1	0.01	0.03	0.02	0.02	40.36	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	3.68	ppb
Tin	118-1	7.74	8.00	7.57	7.77	2.77	ppb
Titanium	47-1	0.42	0.43	0.56	0.47	16.73	ppb
Uranium	238-1	0.32	0.36	0.35	0.34	6.23	ppb
Vanadium	51-2	0.08	0.11	0.05	0.08	35.40	ppb
Yttrium	89-1				74		%
Yttrium	89-2				76		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01DUP	Instrumnet Name :	P7
Client Sample ID :	390612127DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:02:28	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	27.29	26.70	25.34	26.44	3.80	ppb
Zirconium	90-1	0.03	0.02	0.02	0.03	15.81	ppb
Zirconium	91-1	0.05	0.04	0.08	0.06	39.47	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01LX5	Instrumnet Name :	P7
Client Sample ID :	390612127L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 18:06:08	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	0.88	1.25	0.77	69.63	ppb
Antimony	121-1	0.02	0.05	0.07	0.05	56.05	ppb
Arsenic	75-1	-0.07	0.07	0.10	0.03	277.28	ppb
Barium	135-1	5.29	5.17	5.89	5.45	7.13	ppb
Barium	137-1	5.72	5.54	5.94	5.73	3.48	ppb
Beryllium	9-1	0.03	0.02	0.00	0.02	85.81	ppb
Bismuth	209-1				84		%
Bismuth	209-2				80		%
Boron	10-1	16.52	18.81	18.34	17.89	6.74	ppb
Boron	11-1	18.56	18.28	18.64	18.49	1.01	ppb
Cadmium	111-1	-0.09	-0.18	-0.27	-0.18		ppb
Cadmium	106-1	-1.31	-2.41	-3.24	-2.32		ppb
Cadmium	108-1	-0.09	0.01	0.01	-0.02		ppb
Calcium	43-1	17017.30	17207.99	16846.63	17023.97	1.06	ppb
Calcium	44-1	16493.33	16425.19	16418.23	16445.59	0.25	ppb
Chromium	52-2	0.13	0.16	0.09	0.13	28.36	ppb
Cobalt	59-2	0.02	0.01	0.03	0.02	53.02	ppb
Copper	63-2	5.24	5.33	5.32	5.30	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				82		%
Indium	115-1				77		%
Indium	115-2				77		%
Iron	56-2	3.73	3.58	3.85	3.72	3.74	ppb
Iron	57-2	68.71	61.50	67.02	65.74	5.74	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.07	0.05	22.28	ppb
Lead	207-1	0.07	0.05	0.03	0.05	32.05	ppb
Lead	208-1	0.05	0.05	0.05	0.05	2.69	ppb
Lithium	6-1				74		%
Magnesium	24-2	9012.00	9059.39	9032.59	9034.66	0.26	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01LX5	Instrumnet Name :	P7
Client Sample ID :	390612127L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 18:06:08	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.55	0.82	0.57	0.64	23.01	ppb
Molybdenum	94-1	0.00	0.12	0.14	0.09	85.48	ppb
Molybdenum	95-1	0.05	0.10	0.04	0.06	54.74	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.05	18.10	ppb
Molybdenum	97-1	0.10	0.07	0.04	0.07	39.11	ppb
Molybdenum	98-1	0.05	0.06	0.05	0.05	11.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.40	0.36	0.37	7.47	ppb
Phosphorus	31-2	-5.21	-17.70	-30.36	-17.76		ppb
Potassium	39-2	198.16	210.68	202.06	203.63	3.14	ppb
Rhodium	103-1				74		%
Rhodium	103-2				74		%
Scandium	45-1				71		%
Scandium	45-2				71		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.16	1.25	0.41	0.50	140.67	ppb
Selenium	82-1	0.28	0.21	0.46	0.32	40.99	ppb
Silicon	28-1	794.31	801.99	790.80	795.70	0.72	ppb
Silver	109-1	0.00	0.01	0.00	0.00	130.91	ppb
Silver	107-1	0.01	0.00	0.02	0.01	94.13	ppb
Sodium	23-2	14456.36	14636.49	14694.60	14595.82	0.85	ppb
Strontium	86-1	17.02	17.40	17.83	17.42	2.34	ppb
Strontium	88-1	17.35	17.49	17.51	17.45	0.51	ppb
Sulfur	34-1	2452.91	2283.31	2392.40	2376.21	3.62	ppb
Terbium	159-1				87		%
Terbium	159-2				81		%
Thallium	203-1	0.01	0.01	0.01	0.01	15.79	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	36.62	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	30.48	ppb
Tin	118-1	1.51	1.48	1.65	1.55	5.78	ppb
Titanium	47-1	0.14	0.17	0.20	0.17	15.92	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	10.93	ppb
Vanadium	51-2	0.02	0.01	0.02	0.01	49.61	ppb
Yttrium	89-1				75		%
Yttrium	89-2				76		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01LX5	Instrumnet Name :	P7
Client Sample ID :	390612127L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 18:06:08	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.06	4.95	4.95	5.32	12.12	ppb
Zirconium	90-1	-0.02	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.06	0.02	-0.02	0.02	190.61	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01MS	Instrumnet Name :	P7
Client Sample ID :	390612127MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:09:45	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2055.25	2028.12	2088.25	2057.21	1.46	ppb
Antimony	121-1	751.11	744.20	744.77	746.69	0.51	ppb
Arsenic	75-1	722.60	732.66	728.63	727.97	0.70	ppb
Barium	135-1	219.66	224.18	218.49	220.78	1.36	ppb
Barium	137-1	222.60	219.42	221.52	221.18	0.73	ppb
Beryllium	9-1	195.49	192.58	194.79	194.29	0.78	ppb
Bismuth	209-1				78		%
Bismuth	209-2				77		%
Boron	10-1	325.63	319.68	334.31	326.54	2.25	ppb
Boron	11-1	310.50	318.56	328.41	319.16	2.81	ppb
Cadmium	111-1	183.23	183.33	185.10	183.89	0.57	ppb
Cadmium	106-1	130.35	129.80	138.51	132.89	3.67	ppb
Cadmium	108-1	159.91	156.32	159.77	158.66	1.28	ppb
Calcium	43-1	88551.57	88279.06	88870.75	88567.13	0.33	ppb
Calcium	44-1	89820.83	91291.67	91576.09	90896.20	1.04	ppb
Chromium	52-2	404.74	400.84	401.05	402.21	0.55	ppb
Cobalt	59-2	203.50	203.85	205.86	204.40	0.62	ppb
Copper	63-2	337.29	337.43	342.79	339.17	0.92	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				85		%
Holmium	165-2				81		%
Indium	115-1				72		%
Indium	115-2				73		%
Iron	56-2	3233.96	3226.10	3256.06	3238.71	0.48	ppb
Iron	57-2	3565.07	3596.12	3655.58	3605.59	1.28	ppb
Krypton	83-1						cps
Lead	206-1	1007.04	1015.92	1026.78	1016.58	0.97	ppb
Lead	207-1	983.96	985.52	993.05	987.51	0.49	ppb
Lead	208-1	1023.74	1036.13	1042.79	1034.22	0.93	ppb
Lithium	6-1				73		%
Magnesium	24-2	46225.99	46197.58	46484.03	46302.53	0.34	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01MS	Instrumnet Name :	P7
Client Sample ID :	390612127MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:09:45	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	206.66	204.63	209.72	207.00	1.24	ppb
Molybdenum	94-1	271.72	274.82	279.08	275.21	1.34	ppb
Molybdenum	95-1	399.85	409.18	407.04	405.36	1.21	ppb
Molybdenum	96-1	385.81	390.56	387.81	388.06	0.62	ppb
Molybdenum	97-1	403.53	406.61	405.31	405.15	0.38	ppb
Molybdenum	98-1	395.07	400.86	399.88	398.60	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.71	503.90	503.86	503.82	0.02	ppb
Phosphorus	31-2	5657.11	5958.06	5780.06	5798.41	2.61	ppb
Potassium	39-2	11707.50	11702.82	11709.60	11706.64	0.03	ppb
Rhodium	103-1				68		%
Rhodium	103-2				70		%
Scandium	45-1				66		%
Scandium	45-2				69		%
Selenium	77-2	1906.00	1938.82	2058.18	1967.67	4.07	ppb
Selenium	78-2	1981.78	2026.52	2006.99	2005.10	1.12	ppb
Selenium	82-1	1957.43	1977.51	1983.55	1972.83	0.69	ppb
Silicon	28-1	5120.50	5192.51	5220.53	5177.85	1.00	ppb
Silver	109-1	72.86	72.38	72.62	72.62	0.33	ppb
Silver	107-1	72.74	71.58	73.45	72.59	1.30	ppb
Sodium	23-2	79756.56	79364.08	80096.62	79739.08	0.46	ppb
Strontium	86-1	288.64	292.35	289.45	290.15	0.67	ppb
Strontium	88-1	284.40	285.69	287.88	285.99	0.62	ppb
Sulfur	34-1	8057.40	8296.23	8370.13	8241.26	1.98	ppb
Terbium	159-1				84		%
Terbium	159-2				80		%
Thallium	203-1	2103.68	2156.02	2143.91	2134.54	1.28	ppb
Thallium	205-1	2108.52	2142.25	2160.85	2137.21	1.24	ppb
Thorium	232-1	0.05	0.05	0.04	0.05	11.06	ppb
Tin	118-1	672.37	662.40	663.00	665.92	0.84	ppb
Titanium	47-1	206.89	206.24	206.75	206.63	0.16	ppb
Uranium	238-1	0.35	0.33	0.39	0.36	8.94	ppb
Vanadium	51-2	302.25	304.52	301.68	302.82	0.50	ppb
Yttrium	89-1				71		%
Yttrium	89-2				73		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01MS	Instrumnet Name :	P7
Client Sample ID :	390612127MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:09:45	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	232.64	229.65	237.11	233.13	1.61	ppb
Zirconium	90-1	0.21	0.14	0.16	0.17	22.07	ppb
Zirconium	91-1	0.45	0.67	0.63	0.58	19.48	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01MSD	Instrumnet Name :	P7
Client Sample ID :	390612127MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:13:22	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2025.48	2039.24	2034.69	2033.14	0.34	ppb
Antimony	121-1	737.37	728.57	734.44	733.46	0.61	ppb
Arsenic	75-1	718.99	744.51	722.41	728.63	1.90	ppb
Barium	135-1	212.64	214.25	214.38	213.76	0.45	ppb
Barium	137-1	220.26	213.58	216.09	216.64	1.56	ppb
Beryllium	9-1	194.60	192.52	192.09	193.07	0.69	ppb
Bismuth	209-1				79		%
Bismuth	209-2				76		%
Boron	10-1	315.52	322.77	318.13	318.81	1.15	ppb
Boron	11-1	312.63	318.84	322.36	317.94	1.55	ppb
Cadmium	111-1	182.85	177.55	179.36	179.92	1.50	ppb
Cadmium	106-1	134.52	139.06	122.63	132.07	6.42	ppb
Cadmium	108-1	154.07	154.76	146.05	151.63	3.19	ppb
Calcium	43-1	88411.11	89519.02	89169.27	89033.13	0.64	ppb
Calcium	44-1	90962.65	91488.64	91531.00	91327.43	0.35	ppb
Chromium	52-2	405.12	398.18	400.79	401.37	0.87	ppb
Cobalt	59-2	202.84	203.57	203.66	203.36	0.22	ppb
Copper	63-2	339.89	338.88	335.39	338.05	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				81		%
Indium	115-1				73		%
Indium	115-2				73		%
Iron	56-2	3242.46	3210.14	3222.81	3225.14	0.51	ppb
Iron	57-2	3638.08	3533.55	3530.88	3567.50	1.71	ppb
Krypton	83-1						cps
Lead	206-1	999.29	998.85	1000.97	999.70	0.11	ppb
Lead	207-1	969.91	966.85	977.31	971.36	0.55	ppb
Lead	208-1	1009.36	1013.49	1024.02	1015.62	0.74	ppb
Lithium	6-1				73		%
Magnesium	24-2	47192.85	46582.08	46426.03	46733.65	0.87	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01MSD	Instrumnet Name :	P7
Client Sample ID :	390612127MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:13:22	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	206.72	204.59	203.98	205.10	0.70	ppb
Molybdenum	94-1	268.01	271.36	270.04	269.80	0.63	ppb
Molybdenum	95-1	397.98	403.87	400.69	400.84	0.73	ppb
Molybdenum	96-1	379.40	379.99	384.70	381.36	0.76	ppb
Molybdenum	97-1	397.81	398.91	402.99	399.90	0.68	ppb
Molybdenum	98-1	394.61	393.07	390.02	392.57	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.28	499.24	498.24	502.59	1.33	ppb
Phosphorus	31-2	6008.68	5894.73	5754.73	5886.05	2.16	ppb
Potassium	39-2	11660.88	11575.85	11422.10	11552.95	1.05	ppb
Rhodium	103-1				69		%
Rhodium	103-2				70		%
Scandium	45-1				67		%
Scandium	45-2				69		%
Selenium	77-2	2031.68	1952.20	2017.86	2000.58	2.12	ppb
Selenium	78-2	1934.90	2001.28	2003.81	1980.00	1.97	ppb
Selenium	82-1	1939.73	1938.95	1957.58	1945.42	0.54	ppb
Silicon	28-1	5146.93	5241.46	5203.96	5197.45	0.92	ppb
Silver	109-1	71.33	71.61	71.45	71.46	0.20	ppb
Silver	107-1	72.72	72.51	71.62	72.28	0.80	ppb
Sodium	23-2	80947.52	79913.72	79033.71	79964.98	1.20	ppb
Strontium	86-1	287.73	286.47	290.98	288.39	0.81	ppb
Strontium	88-1	282.69	282.58	285.09	283.45	0.50	ppb
Sulfur	34-1	8268.06	8362.09	8410.56	8346.90	0.87	ppb
Terbium	159-1				85		%
Terbium	159-2				80		%
Thallium	203-1	2067.86	2101.20	2119.11	2096.06	1.24	ppb
Thallium	205-1	2078.40	2088.31	2128.46	2098.39	1.26	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	21.46	ppb
Tin	118-1	660.56	646.07	651.92	652.85	1.12	ppb
Titanium	47-1	204.02	206.50	203.64	204.72	0.76	ppb
Uranium	238-1	0.36	0.35	0.36	0.36	1.85	ppb
Vanadium	51-2	302.33	296.52	296.71	298.52	1.11	ppb
Yttrium	89-1				72		%
Yttrium	89-2				73		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01MSD	Instrumnet Name :	P7
Client Sample ID :	390612127MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:13:22	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	228.69	228.75	229.71	229.05	0.25	ppb
Zirconium	90-1	0.08	0.10	0.11	0.10	15.38	ppb
Zirconium	91-1	0.59	0.42	0.40	0.47	21.99	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01A	Instrumnet Name :	P7
Client Sample ID :	390612127A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:16:58	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2064.51	2063.92	2023.63	2050.69	1.14	ppb
Antimony	121-1	743.03	742.61	742.01	742.55	0.07	ppb
Arsenic	75-1	717.39	738.15	737.81	731.12	1.63	ppb
Barium	135-1	221.50	217.44	216.02	218.32	1.30	ppb
Barium	137-1	219.66	220.38	221.56	220.53	0.43	ppb
Beryllium	9-1	195.17	195.81	193.46	194.81	0.62	ppb
Bismuth	209-1				79		%
Bismuth	209-2				76		%
Boron	10-1	320.91	325.54	338.23	328.23	2.73	ppb
Boron	11-1	320.92	322.08	330.13	324.38	1.55	ppb
Cadmium	111-1	185.67	185.58	185.76	185.67	0.05	ppb
Cadmium	106-1	137.33	136.91	139.66	137.97	1.07	ppb
Cadmium	108-1	159.32	160.30	156.35	158.66	1.30	ppb
Calcium	43-1	88798.14	89516.81	89274.80	89196.58	0.41	ppb
Calcium	44-1	90600.23	91795.88	91581.85	91325.99	0.70	ppb
Chromium	52-2	405.84	404.68	403.69	404.74	0.27	ppb
Cobalt	59-2	205.17	203.32	201.88	203.46	0.81	ppb
Copper	63-2	339.73	338.31	337.73	338.59	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				81		%
Indium	115-1				72		%
Indium	115-2				72		%
Iron	56-2	3254.57	3259.63	3248.98	3254.39	0.16	ppb
Iron	57-2	3635.90	3605.75	3627.86	3623.17	0.43	ppb
Krypton	83-1						cps
Lead	206-1	997.79	1007.17	1002.59	1002.52	0.47	ppb
Lead	207-1	966.04	976.78	980.09	974.30	0.75	ppb
Lead	208-1	1012.53	1027.73	1027.93	1022.73	0.86	ppb
Lithium	6-1				73		%
Magnesium	24-2	47096.78	46696.40	46109.27	46634.15	1.07	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01A	Instrumnet Name :	P7
Client Sample ID :	390612127A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:16:58	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	208.41	208.79	207.35	208.18	0.36	ppb
Molybdenum	94-1	272.01	275.50	273.39	273.63	0.64	ppb
Molybdenum	95-1	401.85	409.84	403.88	405.19	1.02	ppb
Molybdenum	96-1	384.09	388.90	383.82	385.60	0.74	ppb
Molybdenum	97-1	395.71	405.18	405.82	402.23	1.41	ppb
Molybdenum	98-1	394.23	397.29	396.48	396.00	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.95	510.39	508.06	508.80	0.27	ppb
Phosphorus	31-2	6035.76	6342.70	5643.54	6007.33	5.83	ppb
Potassium	39-2	11692.62	11599.55	11548.73	11613.63	0.63	ppb
Rhodium	103-1				69		%
Rhodium	103-2				70		%
Scandium	45-1				66		%
Scandium	45-2				68		%
Selenium	77-2	2141.53	1933.83	1866.14	1980.50	7.25	ppb
Selenium	78-2	2037.25	2011.54	1994.36	2014.38	1.07	ppb
Selenium	82-1	1962.78	1988.28	1983.17	1978.08	0.68	ppb
Silicon	28-1	5135.83	5229.42	5231.00	5198.75	1.05	ppb
Silver	109-1	72.49	73.36	72.30	72.72	0.78	ppb
Silver	107-1	72.52	73.03	71.67	72.41	0.95	ppb
Sodium	23-2	80990.79	80439.24	79638.97	80356.34	0.85	ppb
Strontium	86-1	289.12	293.31	284.97	289.13	1.44	ppb
Strontium	88-1	284.27	286.05	282.78	284.37	0.58	ppb
Sulfur	34-1	8376.52	8463.65	8247.65	8362.60	1.30	ppb
Terbium	159-1				85		%
Terbium	159-2				80		%
Thallium	203-1	2079.65	2136.43	2108.36	2108.15	1.35	ppb
Thallium	205-1	2086.01	2133.77	2134.28	2118.02	1.31	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	14.48	ppb
Tin	118-1	663.02	657.23	656.23	658.83	0.56	ppb
Titanium	47-1	206.25	203.76	210.96	206.99	1.77	ppb
Uranium	238-1	0.37	0.36	0.36	0.36	1.72	ppb
Vanadium	51-2	303.04	303.17	297.73	301.31	1.03	ppb
Yttrium	89-1				72		%
Yttrium	89-2				73		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01A	Instrumnet Name :	P7
Client Sample ID :	390612127A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:16:58	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	240.18	230.86	231.11	234.05	2.27	ppb
Zirconium	90-1	0.07	0.06	0.09	0.07	22.57	ppb
Zirconium	91-1	0.44	0.33	0.48	0.42	18.69	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3495-01	Instrumnet Name :	P7
Client Sample ID :	390606761-EFFLUENT	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:20:35	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78.78	92.02	85.88	85.56	7.74	ppb
Antimony	121-1	0.70	0.62	0.60	0.64	8.24	ppb
Arsenic	75-1	0.58	0.83	1.28	0.90	39.92	ppb
Barium	135-1	10.18	9.22	10.05	9.81	5.32	ppb
Barium	137-1	9.72	9.31	9.60	9.54	2.18	ppb
Beryllium	9-1	0.09	0.12	0.12	0.11	14.61	ppb
Bismuth	209-1				79		%
Bismuth	209-2				77		%
Boron	10-1	243.93	247.17	239.02	243.37	1.69	ppb
Boron	11-1	246.62	240.03	238.67	241.77	1.76	ppb
Cadmium	111-1	0.06	-0.34	-0.17	-0.15		ppb
Cadmium	106-1	-0.89	-5.06	-2.13	-2.69		ppb
Cadmium	108-1	0.02	-0.09	0.01	-0.02		ppb
Calcium	43-1	45768.09	44381.09	44186.32	44778.50	1.93	ppb
Calcium	44-1	46660.00	45717.05	45593.87	45990.31	1.27	ppb
Chromium	52-2	0.53	0.44	0.54	0.50	10.66	ppb
Cobalt	59-2	0.43	0.41	0.41	0.42	3.75	ppb
Copper	63-2	4.88	5.21	4.75	4.95	4.79	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				86		%
Holmium	165-2				82		%
Indium	115-1				74		%
Indium	115-2				76		%
Iron	56-2	31.66	32.33	31.48	31.82	1.42	ppb
Iron	57-2	179.36	180.55	190.03	183.32	3.19	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.29	0.22	0.27	16.87	ppb
Lead	207-1	0.28	0.23	0.18	0.23	22.04	ppb
Lead	208-1	0.30	0.24	0.24	0.26	14.33	ppb
Lithium	6-1				71		%
Magnesium	24-2	8899.78	8781.16	8815.08	8832.01	0.69	ppb

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : K3495-01 Instrumnet Name : P7
 Client Sample ID : 390606761-EFFLUENT Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 18:20:35 DataFile Name : 067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17.22	17.36	16.75	17.11	1.87	ppb
Molybdenum	94-1	0.88	0.92	0.82	0.87	6.18	ppb
Molybdenum	95-1	1.26	1.04	1.20	1.17	9.53	ppb
Molybdenum	96-1	1.08	0.81	1.10	1.00	16.11	ppb
Molybdenum	97-1	1.04	1.26	1.08	1.13	10.46	ppb
Molybdenum	98-1	1.02	1.03	1.07	1.04	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.71	2.55	2.58	2.62	3.13	ppb
Phosphorus	31-2	118.28	108.54	127.45	118.09	8.01	ppb
Potassium	39-2	15955.10	15887.65	15955.32	15932.69	0.24	ppb
Rhodium	103-1				70		%
Rhodium	103-2				73		%
Scandium	45-1				67		%
Scandium	45-2				72		%
Selenium	77-2	3.45	0.00	1.70	1.72	100.42	ppb
Selenium	78-2	-0.73	-0.18	1.24	0.11	912.92	ppb
Selenium	82-1	1.12	1.08	0.25	0.82	60.11	ppb
Silicon	28-1	112.63	113.67	108.53	111.61	2.44	ppb
Silver	109-1	0.02	0.01	0.03	0.02	60.77	ppb
Silver	107-1	0.02	0.00	0.03	0.02	90.10	ppb
Sodium	23-2	101404.18	99731.94	100213.94	100450.02	0.86	ppb
Strontium	86-1	143.50	141.27	138.27	141.02	1.86	ppb
Strontium	88-1	142.80	142.64	140.61	142.02	0.86	ppb
Sulfur	34-1	27563.72	27013.19	26462.14	27013.02	2.04	ppb
Terbium	159-1				85		%
Terbium	159-2				81		%
Thallium	203-1	0.52	0.41	0.36	0.43	18.06	ppb
Thallium	205-1	0.51	0.45	0.37	0.45	15.93	ppb
Thorium	232-1	0.01	0.00	0.00	0.00	111.62	ppb
Tin	118-1	0.33	0.20	0.17	0.23	35.83	ppb
Titanium	47-1	0.33	0.29	0.32	0.32	6.41	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	90.65	ppb
Vanadium	51-2	0.38	0.35	0.38	0.37	5.56	ppb
Yttrium	89-1				72		%
Yttrium	89-2				76		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3495-01	Instrumnet Name :	P7
Client Sample ID :	390606761-EFFLUENT	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:20:35	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	135.49	139.90	141.35	138.91	2.20	ppb
Zirconium	90-1	0.05	0.05	0.07	0.06	22.84	ppb
Zirconium	91-1	0.04	0.05	0.09	0.06	37.61	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:24:11	DataFile Name :	068CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50954.38	50819.70	51018.16	50930.75	0.20	ppb
Antimony	121-1	508.02	509.43	511.29	509.58	0.32	ppb
Arsenic	75-1	495.92	495.78	495.81	495.84	0.01	ppb
Barium	135-1	2387.04	2397.56	2407.22	2397.27	0.42	ppb
Barium	137-1	2375.63	2383.63	2379.40	2379.55	0.17	ppb
Beryllium	9-1	482.15	486.56	485.46	484.72	0.47	ppb
Bismuth	209-1				77		%
Bismuth	209-2				73		%
Boron	10-1	491.21	493.83	512.63	499.22	2.34	ppb
Boron	11-1	486.14	505.88	493.25	495.09	2.02	ppb
Cadmium	111-1	493.33	495.87	487.90	492.37	0.83	ppb
Cadmium	106-1	503.36	486.78	477.78	489.31	2.65	ppb
Cadmium	108-1	481.20	488.37	480.38	483.32	0.91	ppb
Calcium	43-1	240337.68	240324.34	242436.47	241032.83	0.50	ppb
Calcium	44-1	246464.63	246177.62	248892.60	247178.28	0.60	ppb
Chromium	52-2	488.39	488.71	492.72	489.94	0.49	ppb
Cobalt	59-2	487.64	487.04	485.95	486.88	0.18	ppb
Copper	63-2	1030.60	1033.63	1036.65	1033.63	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				82		%
Indium	115-1				72		%
Indium	115-2				73		%
Iron	56-2	125893.56	125854.34	126868.71	126205.54	0.46	ppb
Iron	57-2	122898.85	122612.52	123489.91	123000.43	0.36	ppb
Krypton	83-1						cps
Lead	206-1	504.92	505.49	501.65	504.02	0.41	ppb
Lead	207-1	503.40	502.90	498.10	501.47	0.58	ppb
Lead	208-1	497.24	496.00	495.58	496.27	0.17	ppb
Lithium	6-1				70		%
Magnesium	24-2	252196.65	249838.08	250429.50	250821.41	0.49	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:24:11	DataFile Name :	068CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	979.68	985.63	984.97	983.42	0.33	ppb
Molybdenum	94-1	2391.78	2400.09	2425.90	2405.92	0.74	ppb
Molybdenum	95-1	2414.97	2405.42	2424.31	2414.90	0.39	ppb
Molybdenum	96-1	2375.46	2392.71	2393.97	2387.38	0.43	ppb
Molybdenum	97-1	2410.42	2435.66	2436.65	2427.58	0.61	ppb
Molybdenum	98-1	2526.06	2549.24	2573.60	2549.63	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.30	478.11	476.47	477.29	0.17	ppb
Phosphorus	31-2	9415.89	9053.97	10079.99	9516.62	5.47	ppb
Potassium	39-2	128240.53	128432.06	128782.87	128485.15	0.21	ppb
Rhodium	103-1				66		%
Rhodium	103-2				68		%
Scandium	45-1				68		%
Scandium	45-2				71		%
Selenium	77-2	414.23	502.60	471.88	462.91	9.69	ppb
Selenium	78-2	498.15	486.35	500.28	494.93	1.52	ppb
Selenium	82-1	485.75	486.47	489.28	487.17	0.38	ppb
Silicon	28-1	515.45	534.32	550.77	533.52	3.31	ppb
Silver	109-1	488.38	495.89	494.94	493.07	0.83	ppb
Silver	107-1	493.81	492.52	490.73	492.35	0.31	ppb
Sodium	23-2	253302.25	251203.30	254076.36	252860.64	0.59	ppb
Strontium	86-1	490.96	492.61	493.25	492.27	0.24	ppb
Strontium	88-1	474.14	475.29	478.33	475.92	0.45	ppb
Sulfur	34-1	10526.65	10748.37	10725.72	10666.91	1.14	ppb
Terbium	159-1				85		%
Terbium	159-2				81		%
Thallium	203-1	492.22	491.06	489.82	491.03	0.25	ppb
Thallium	205-1	519.01	524.05	524.56	522.54	0.59	ppb
Thorium	232-1	536.16	537.37	537.28	536.93	0.13	ppb
Tin	118-1	454.77	456.21	456.23	455.73	0.18	ppb
Titanium	47-1	2459.48	2442.48	2486.61	2462.86	0.90	ppb
Uranium	238-1	534.11	541.88	536.19	537.39	0.75	ppb
Vanadium	51-2	496.98	493.11	495.04	495.04	0.39	ppb
Yttrium	89-1				73		%
Yttrium	89-2				75		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:24:11	DataFile Name :	068CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1003.55	999.08	1005.25	1002.63	0.32	ppb
Zirconium	90-1	490.11	484.53	489.63	488.09	0.63	ppb
Zirconium	91-1	496.79	497.18	499.25	497.74	0.27	ppb

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : CCB28 Instrumnet Name : P7
 Client Sample ID : CCB28 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 18:27:47 DataFile Name : 069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.26	2.56	3.28	3.37	25.29	ppb
Antimony	121-1	0.42	0.46	0.40	0.43	6.73	ppb
Arsenic	75-1	-0.07	0.28	0.46	0.22	119.40	ppb
Barium	135-1	0.25	0.23	0.23	0.24	4.03	ppb
Barium	137-1	0.29	0.24	0.12	0.22	40.68	ppb
Beryllium	9-1	0.11	0.11	0.15	0.12	19.92	ppb
Bismuth	209-1				84		%
Bismuth	209-2				80		%
Boron	10-1	30.89	29.02	29.07	29.66	3.60	ppb
Boron	11-1	33.64	30.85	29.02	31.17	7.46	ppb
Cadmium	111-1	-0.14	-0.04	0.04	-0.05		ppb
Cadmium	106-1	-3.06	-1.22	-0.52	-1.60		ppb
Cadmium	108-1	0.01	-0.09	0.01	-0.02		ppb
Calcium	43-1	23.06	18.96	14.13	18.72	23.86	ppb
Calcium	44-1	29.48	22.15	15.60	22.41	30.99	ppb
Chromium	52-2	0.06	-0.02	0.03	0.02	193.79	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	26.35	ppb
Copper	63-2	0.14	0.10	0.14	0.13	17.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				82		%
Indium	115-1				77		%
Indium	115-2				77		%
Iron	56-2	9.12	8.36	7.97	8.48	6.90	ppb
Iron	57-2	11.39	5.46	3.68	6.84	58.99	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.04	0.04	14.91	ppb
Lead	207-1	0.03	0.08	0.03	0.05	61.75	ppb
Lead	208-1	0.05	0.07	0.03	0.05	40.26	ppb
Lithium	6-1				73		%
Magnesium	24-2	16.57	13.09	12.81	14.16	14.77	ppb

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:27:47	DataFile Name :	069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.03	0.06	0.07	57.89	ppb
Molybdenum	94-1	0.53	0.71	0.36	0.53	32.00	ppb
Molybdenum	95-1	0.51	0.49	0.55	0.52	5.92	ppb
Molybdenum	96-1	0.65	0.51	0.39	0.52	25.73	ppb
Molybdenum	97-1	0.58	0.59	0.66	0.61	7.53	ppb
Molybdenum	98-1	0.64	0.47	0.49	0.53	17.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.05	-0.03		ppb
Phosphorus	31-2	-24.34	-18.00	-24.15	-22.16		ppb
Potassium	39-2	11.77	12.13	15.30	13.07	14.87	ppb
Rhodium	103-1				74		%
Rhodium	103-2				76		%
Scandium	45-1				70		%
Scandium	45-2				72		%
Selenium	77-2	0.00	1.72	0.00	0.57	173.21	ppb
Selenium	78-2	-0.74	0.98	-0.74	-0.17		ppb
Selenium	82-1	0.69	0.08	-0.14	0.21	201.47	ppb
Silicon	28-1	3.31	2.54	1.96	2.60	26.04	ppb
Silver	109-1	0.04	0.39	0.05	0.16	122.07	ppb
Silver	107-1	0.10	0.07	0.05	0.08	28.66	ppb
Sodium	23-2	40.48	34.04	39.25	37.93	9.01	ppb
Strontium	86-1	0.10	0.02	0.15	0.09	72.90	ppb
Strontium	88-1	0.05	0.05	0.05	0.05	6.05	ppb
Sulfur	34-1	539.55	641.05	645.90	608.83	9.86	ppb
Terbium	159-1				86		%
Terbium	159-2				81		%
Thallium	203-1	0.18	0.17	0.13	0.16	15.32	ppb
Thallium	205-1	0.19	0.14	0.15	0.16	17.53	ppb
Thorium	232-1	0.12	0.10	0.09	0.10	15.61	ppb
Tin	118-1	0.07	0.13	0.11	0.10	32.50	ppb
Titanium	47-1	0.33	0.29	0.18	0.26	30.67	ppb
Uranium	238-1	0.06	0.04	0.04	0.05	23.33	ppb
Vanadium	51-2	0.06	0.03	0.02	0.03	59.96	ppb
Yttrium	89-1				75		%
Yttrium	89-2				76		%

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:27:47	DataFile Name :	069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	0.03	0.03	0.04	50.27	ppb
Zirconium	90-1	0.06	0.07	0.06	0.06	8.83	ppb
Zirconium	91-1	0.09	0.01	0.06	0.05	82.86	ppb

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 14:15:42 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	8	0	17	132.30	cps
Antimony	121-1	8	33	33	25	57.74	cps
Arsenic	75-1	-103	-90	-185	-126	-40.89	cps
Barium	135-1	0	25	8	11	114.58	cps
Barium	137-1	33	17	25	25	33.32	cps
Beryllium	9-1	40	27	27	31	24.74	cps
Bismuth	209-1	2277498	2253485	2258968	2263317	0.56	cps
Bismuth	209-2	1428909	1432764	1453768	1438480	0.93	cps
Boron	10-1	225	250	300	258	14.78	cps
Boron	11-1	1217	1233	1267	1239	2.06	cps
Cadmium	111-1	744	860	761	789	7.98	cps
Cadmium	106-1	1067	1233	1092	1131	7.95	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	75	58	83	72	17.62	cps
Calcium	44-1	1884	1608	1709	1734	8.03	cps
Chromium	52-2	257	253	227	246	6.70	cps
Cobalt	59-2	10	17	13	13	25.01	cps
Copper	63-2	177	133	137	149	16.19	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	8	8	17	11	43.34	cps
Gadolinium	160-2	40	53	77	57	32.76	cps
Holmium	165-1	3377633	3369650	3427473	3391585	0.92	cps
Holmium	165-2	1987471	1993039	1993535	1991348	0.17	cps
Indium	115-1	2288534	2268720	2265129	2274128	0.55	cps
Indium	115-2	510869	513597	517387	513951	0.64	cps
Iron	56-2	939	1050	1045	1011	6.19	cps
Iron	57-2	56	28	33	39	37.80	cps
Krypton	83-1	87	67	87	80	14.43	cps
Lead	206-1	100	250	150	167	45.83	cps
Lead	207-1	128	139	194	154	23.24	cps
Lead	208-1	611	700	733	682	9.27	cps
Lithium	6-1	1483116	1479834	1481941	1481630	0.11	cps
Magnesium	24-2	150	125	67	114	37.55	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:15:42	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	17	7	14	48.02	cps
Molybdenum	94-1	67	67	92	75	19.24	cps
Molybdenum	95-1	33	25	33	31	15.74	cps
Molybdenum	96-1	42	75	25	47	53.91	cps
Molybdenum	97-1	8	0	25	11	114.58	cps
Molybdenum	98-1	17	33	33	28	34.63	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	23	37	28	27.73	cps
Phosphorus	31-2	25	50	33	36	35.25	cps
Potassium	39-2	5118	5385	5084	5196	3.17	cps
Rhodium	103-1	2111609	2100957	2089465	2100677	0.53	cps
Rhodium	103-2	1083934	1092315	1091050	1089100	0.41	cps
Scandium	45-1	2033628	2032342	2037034	2034335	0.12	cps
Scandium	45-2	94522	94952	95146	94873	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	19	20	16	37.09	cps
Selenium	82-1	-3	6	17	7	144.89	cps
Silicon	28-1	54374	55897	54466	54913	1.55	cps
Silver	109-1	8	17	8	11	43.34	cps
Silver	107-1	8	33	42	28	62.46	cps
Sodium	23-2	1784	1984	1992	1920	6.14	cps
Strontium	86-1	125	133	58	106	38.94	cps
Strontium	88-1	17	75	67	53	59.77	cps
Sulfur	34-1	153811	152085	154567	153488	0.83	cps
Terbium	159-1	3481511	3531295	3533578	3515461	0.84	cps
Terbium	159-2	1958748	1973163	1978295	1970069	0.51	cps
Thallium	203-1	17	17	33	22	43.28	cps
Thallium	205-1	25	75	108	69	60.40	cps
Thorium	232-1	106	50	50	69	46.81	cps
Tin	118-1	283	217	158	219	28.50	cps
Titanium	47-1	17	17	25	19	24.73	cps
Uranium	238-1	33	0	8	14	124.91	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	2722310	2708485	2724017	2718271	0.31	cps
Yttrium	89-2	427423	425595	430387	427801	0.57	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:15:42	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60	57	53	57	5.89	cps
Zirconium	90-1	208	250	183	214	15.75	cps
Zirconium	91-1	25	42	50	39	32.73	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:23:17	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	725	642	667	7.60	cps
Antimony	121-1	4484	4651	4242	4459	4.61	cps
Arsenic	75-1	592	375	591	519	24.04	cps
Barium	135-1	6135	6368	6093	6199	2.39	cps
Barium	137-1	10196	11380	10980	10852	5.55	cps
Beryllium	9-1	933	937	940	937	0.36	cps
Bismuth	209-1	2238439	2266488	2237445	2247457	0.73	cps
Bismuth	209-2	1424609	1434070	1439552	1432744	0.53	cps
Boron	10-1	4067	4142	3767	3992	4.97	cps
Boron	11-1	17669	18236	17269	17725	2.74	cps
Cadmium	111-1	1413	1479	1401	1431	2.93	cps
Cadmium	106-1	1050	1133	1158	1114	5.09	cps
Cadmium	108-1	25	50	38	38	33.33	cps
Calcium	43-1	5009	4834	4734	4859	2.87	cps
Calcium	44-1	80444	82681	81659	81594	1.37	cps
Chromium	52-2	1953	1823	1827	1868	3.97	cps
Cobalt	59-2	1243	1183	1313	1247	5.22	cps
Copper	63-2	1726	1769	1653	1716	3.43	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	8	17	8	100.02	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	50	43	37	43	15.38	cps
Holmium	165-1	3344579	3411912	3398201	3384898	1.05	cps
Holmium	165-2	1993576	1990307	1986846	1990243	0.17	cps
Indium	115-1	2254382	2286669	2272410	2271153	0.71	cps
Indium	115-2	516963	514456	519820	517080	0.52	cps
Iron	56-2	38323	37147	38523	37998	1.96	cps
Iron	57-2	933	983	1017	978	4.29	cps
Krypton	83-1	87	67	90	81	15.56	cps
Lead	206-1	2445	2406	2511	2454	2.18	cps
Lead	207-1	1867	2200	1911	1993	9.08	cps
Lead	208-1	9129	9507	9185	9274	2.20	cps
Lithium	6-1	1505382	1514334	1504669	1508128	0.36	cps
Magnesium	24-2	44149	44367	42904	43807	1.80	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:23:17	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	587	607	577	590	2.59	cps
Molybdenum	94-1	5601	5043	5143	5262	5.66	cps
Molybdenum	95-1	6535	6468	6560	6521	0.73	cps
Molybdenum	96-1	7194	6944	6543	6894	4.76	cps
Molybdenum	97-1	3901	4376	4443	4240	6.97	cps
Molybdenum	98-1	10096	10713	10004	10271	3.75	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	297	307	320	308	3.80	cps
Phosphorus	31-2	108	167	92	122	32.22	cps
Potassium	39-2	40255	40790	41743	40930	1.84	cps
Rhodium	103-1	2098343	2117508	2081681	2099177	0.85	cps
Rhodium	103-2	1094472	1090327	1090529	1091776	0.21	cps
Scandium	45-1	2026440	2052654	2039776	2039623	0.64	cps
Scandium	45-2	95150	95723	95317	95397	0.31	cps
Selenium	77-2	20	23	20	21	9.11	cps
Selenium	78-2	50	70	63	61	16.87	cps
Selenium	82-1	268	295	258	274	7.01	cps
Silicon	28-1	73381	75600	74478	74486	1.49	cps
Silver	109-1	2725	2684	2542	2650	3.63	cps
Silver	107-1	2917	2700	2450	2689	8.69	cps
Sodium	23-2	84253	84135	84329	84239	0.12	cps
Strontium	86-1	1092	1075	850	1006	13.42	cps
Strontium	88-1	6977	6894	7286	7052	2.93	cps
Sulfur	34-1	151108	152196	149425	150910	0.93	cps
Terbium	159-1	3452587	3525717	3505904	3494736	1.08	cps
Terbium	159-2	1972523	1965313	1966645	1968161	0.19	cps
Thallium	203-1	2609	2684	2559	2617	2.40	cps
Thallium	205-1	6260	6560	6310	6377	2.52	cps
Thorium	232-1	10349	10371	10038	10252	1.82	cps
Tin	118-1	10204	10046	10421	10224	1.84	cps
Titanium	47-1	2242	2067	2300	2203	5.51	cps
Uranium	238-1	10079	10063	10254	10132	1.05	cps
Vanadium	51-2	3771	3651	3847	3756	2.64	cps
Yttrium	89-1	2726584	2755976	2721443	2734668	0.68	cps
Yttrium	89-2	430530	429688	430904	430374	0.14	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:23:17	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	297	323	297	306	5.04	cps
Zirconium	90-1	4718	4434	4159	4437	6.29	cps
Zirconium	91-1	908	992	1192	1031	14.13	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:27:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36086	36721	36153	36320	0.96	cps
Antimony	121-1	116816	118026	117245	117362	0.52	cps
Arsenic	75-1	26916	25790	26145	26284	2.19	cps
Barium	135-1	160964	163450	161653	162022	0.79	cps
Barium	137-1	285599	285303	280880	283927	0.93	cps
Beryllium	9-1	46735	47163	46391	46763	0.83	cps
Bismuth	209-1	2226586	2229010	2213210	2222935	0.38	cps
Bismuth	209-2	1408441	1422111	1408817	1413123	0.55	cps
Boron	10-1	8394	8311	8736	8480	2.66	cps
Boron	11-1	36228	35376	36704	36102	1.86	cps
Cadmium	111-1	33959	33368	32806	33378	1.73	cps
Cadmium	106-1	5059	4718	5084	4954	4.14	cps
Cadmium	108-1	2629	2600	2846	2692	4.99	cps
Calcium	43-1	50754	52352	49935	51014	2.41	cps
Calcium	44-1	831523	824128	830966	828872	0.50	cps
Chromium	52-2	44280	44698	43441	44139	1.45	cps
Cobalt	59-2	61170	61214	61140	61175	0.06	cps
Copper	63-2	76727	78054	76532	77104	1.07	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	3	20	3	9	108.30	cps
Gadolinium	160-1	8	0	8	6	86.60	cps
Gadolinium	160-2	60	50	53	54	9.35	cps
Holmium	165-1	3358758	3392519	3342500	3364593	0.76	cps
Holmium	165-2	1960626	1983810	1964546	1969660	0.63	cps
Indium	115-1	2225723	2229585	2204797	2220035	0.60	cps
Indium	115-2	496175	510598	502596	503123	1.44	cps
Iron	56-2	1774191	1788762	1766992	1776649	0.62	cps
Iron	57-2	45571	45359	44574	45168	1.16	cps
Krypton	83-1	47	67	80	64	26.03	cps
Lead	206-1	117442	119920	120205	119189	1.28	cps
Lead	207-1	104953	106065	106036	105685	0.60	cps
Lead	208-1	473028	477215	476703	475649	0.48	cps
Lithium	6-1	1480747	1473164	1457299	1470403	0.81	cps
Magnesium	24-2	436126	438051	437032	437070	0.22	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:27:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53818	54199	54397	54138	0.54	cps
Molybdenum	94-1	263133	262054	262288	262491	0.22	cps
Molybdenum	95-1	318250	321519	317807	319192	0.64	cps
Molybdenum	96-1	356840	353367	352201	354136	0.68	cps
Molybdenum	97-1	201352	199207	198894	199818	0.67	cps
Molybdenum	98-1	508365	514586	507737	510229	0.74	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	15225	15939	15305	15489	2.53	cps
Phosphorus	31-2	1842	2034	1734	1870	8.13	cps
Potassium	39-2	193091	192542	190710	192114	0.65	cps
Rhodium	103-1	2050901	2053854	2050525	2051760	0.09	cps
Rhodium	103-2	1043870	1057693	1055798	1052454	0.71	cps
Scandium	45-1	1990557	1983736	1977739	1984011	0.32	cps
Scandium	45-2	92328	93187	90900	92139	1.25	cps
Selenium	77-2	140	133	160	144	9.61	cps
Selenium	78-2	459	437	478	458	4.45	cps
Selenium	82-1	2923	2914	2715	2851	4.11	cps
Silicon	28-1	178858	178336	183649	180281	1.62	cps
Silver	109-1	140433	140240	138312	139662	0.84	cps
Silver	107-1	148134	145919	147342	147132	0.76	cps
Sodium	23-2	850673	854246	858201	854373	0.44	cps
Strontium	86-1	43918	44161	43174	43751	1.17	cps
Strontium	88-1	375525	375794	372573	374631	0.48	cps
Sulfur	34-1	167589	164836	164660	165695	0.99	cps
Terbium	159-1	3456690	3468570	3443456	3456238	0.36	cps
Terbium	159-2	1941997	1960299	1957208	1953168	0.50	cps
Thallium	203-1	143054	144140	140543	142579	1.29	cps
Thallium	205-1	339194	342467	340991	340884	0.48	cps
Thorium	232-1	559114	559311	555690	558038	0.36	cps
Tin	118-1	104588	103388	101943	103306	1.28	cps
Titanium	47-1	110798	109655	107254	109236	1.66	cps
Uranium	238-1	517188	518831	513210	516410	0.56	cps
Vanadium	51-2	36940	37000	36244	36728	1.14	cps
Yttrium	89-1	2658529	2669358	2642410	2656765	0.51	cps
Yttrium	89-2	415138	422899	416982	418340	0.97	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:27:14	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13236	13476	13273	13328	0.97	cps
Zirconium	90-1	231230	229973	226607	229270	1.04	cps
Zirconium	91-1	50214	50047	50707	50323	0.68	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 14:31:10 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82888	85393	83919	84067	1.50	cps
Antimony	121-1	289994	286156	285925	287358	0.80	cps
Arsenic	75-1	63215	61001	61541	61919	1.86	cps
Barium	135-1	393376	395588	387783	392249	1.03	cps
Barium	137-1	686776	693067	683716	687853	0.69	cps
Beryllium	9-1	110824	111381	109384	110529	0.93	cps
Bismuth	209-1	2205514	2240823	2205865	2217401	0.91	cps
Bismuth	209-2	1329350	1357998	1358551	1348633	1.24	cps
Boron	10-1	19229	20206	19413	19616	2.65	cps
Boron	11-1	84160	85064	83724	84316	0.81	cps
Cadmium	111-1	80863	82196	79197	80752	1.86	cps
Cadmium	106-1	10888	10571	9954	10471	4.54	cps
Cadmium	108-1	6422	6327	6277	6342	1.17	cps
Calcium	43-1	122882	125260	120932	123024	1.76	cps
Calcium	44-1	1951951	1959261	1928239	1946484	0.83	cps
Chromium	52-2	99768	101781	101788	101113	1.15	cps
Cobalt	59-2	139644	141635	141622	140967	0.81	cps
Copper	63-2	171878	176398	176456	174911	1.50	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	0	8	25	11	114.58	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	0	25	25	17	86.60	cps
Gadolinium	160-2	43	63	53	53	18.75	cps
Holmium	165-1	3321804	3349675	3304384	3325288	0.69	cps
Holmium	165-2	1866133	1899640	1902178	1889317	1.06	cps
Indium	115-1	2172140	2170709	2155493	2166114	0.43	cps
Indium	115-2	459205	468345	469517	465689	1.21	cps
Iron	56-2	3968742	4023040	4027137	4006306	0.81	cps
Iron	57-2	102518	103670	105683	103957	1.54	cps
Krypton	83-1	67	80	70	72	9.61	cps
Lead	206-1	294099	295793	290776	293556	0.87	cps
Lead	207-1	259812	264177	260832	261607	0.87	cps
Lead	208-1	1172165	1179738	1163681	1171861	0.69	cps
Lithium	6-1	1408501	1414865	1396594	1406653	0.66	cps
Magnesium	24-2	988599	1011657	1008209	1002822	1.24	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:31:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	122784	127937	127113	125944	2.20	cps
Molybdenum	94-1	634620	633992	621716	630109	1.15	cps
Molybdenum	95-1	769404	767537	748947	761962	1.48	cps
Molybdenum	96-1	856888	849549	842065	849501	0.87	cps
Molybdenum	97-1	475918	482510	470622	476350	1.25	cps
Molybdenum	98-1	1226567	1229367	1210504	1222146	0.83	cps
Neodymium	150-1	33	27	40	33	20.00	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	35122	34721	35496	35113	1.10	cps
Phosphorus	31-2	4059	4351	4101	4170	3.78	cps
Potassium	39-2	435743	441261	437360	438121	0.65	cps
Rhodium	103-1	1970299	1991245	1958268	1973271	0.85	cps
Rhodium	103-2	964418	989131	987851	980466	1.42	cps
Scandium	45-1	1910042	1921984	1877024	1903017	1.22	cps
Scandium	45-2	83373	85890	84804	84689	1.49	cps
Selenium	77-2	307	320	300	309	3.30	cps
Selenium	78-2	1048	1063	1044	1052	0.93	cps
Selenium	82-1	6753	6676	6586	6672	1.26	cps
Silicon	28-1	353713	356622	356697	355678	0.48	cps
Silver	109-1	335610	333859	327741	332403	1.24	cps
Silver	107-1	350843	350141	344755	348579	0.96	cps
Sodium	23-2	1944463	1976668	1965596	1962242	0.83	cps
Strontium	86-1	105141	104964	104084	104730	0.54	cps
Strontium	88-1	898292	909925	892740	900319	0.97	cps
Sulfur	34-1	187448	187085	183566	186033	1.15	cps
Terbium	159-1	3404919	3431425	3417165	3417836	0.39	cps
Terbium	159-2	1836011	1887439	1873200	1865550	1.42	cps
Thallium	203-1	353234	354478	349853	352522	0.68	cps
Thallium	205-1	845457	848539	838109	844035	0.63	cps
Thorium	232-1	1379002	1389078	1367947	1378676	0.77	cps
Tin	118-1	252818	252088	248224	251043	0.98	cps
Titanium	47-1	260147	261146	257187	259493	0.79	cps
Uranium	238-1	1270471	1278299	1263484	1270751	0.58	cps
Vanadium	51-2	83049	85161	84946	84385	1.38	cps
Yttrium	89-1	2589518	2600691	2563592	2584600	0.74	cps
Yttrium	89-2	383092	392394	391059	388848	1.29	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:31:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	30245	30419	30171	30278	0.42	cps
Zirconium	90-1	553624	550980	542473	549026	1.06	cps
Zirconium	91-1	124209	124127	120227	122854	1.85	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 14:35:05 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158531	157782	158347	158220	0.25	cps
Antimony	121-1	548023	544951	549658	547544	0.44	cps
Arsenic	75-1	117406	116170	113760	115779	1.60	cps
Barium	135-1	752677	747682	754309	751556	0.46	cps
Barium	137-1	1305200	1297194	1306627	1303007	0.39	cps
Beryllium	9-1	203218	202449	203473	203047	0.26	cps
Bismuth	209-1	2135295	2151641	2155131	2147356	0.49	cps
Bismuth	209-2	1320607	1319756	1332153	1324172	0.52	cps
Boron	10-1	35576	35459	36211	35749	1.13	cps
Boron	11-1	154271	156495	158733	156500	1.43	cps
Cadmium	111-1	150274	150625	150129	150342	0.17	cps
Cadmium	106-1	18463	18271	18421	18385	0.55	cps
Cadmium	108-1	11747	12118	12105	11990	1.76	cps
Calcium	43-1	223708	224376	223227	223770	0.26	cps
Calcium	44-1	3617293	3632515	3622781	3624196	0.21	cps
Chromium	52-2	189011	189102	189071	189061	0.02	cps
Cobalt	59-2	261544	262202	260942	261563	0.24	cps
Copper	63-2	320498	325065	323438	323000	0.72	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	0	0	0	0	0.00	cps
Gadolinium	160-2	30	50	37	39	26.18	cps
Holmium	165-1	3213007	3235401	3254754	3234387	0.65	cps
Holmium	165-2	1859567	1854695	1861307	1858523	0.18	cps
Indium	115-1	2028313	2038156	2065031	2043833	0.93	cps
Indium	115-2	443625	446075	447431	445710	0.43	cps
Iron	56-2	7511449	7502756	7466659	7493621	0.32	cps
Iron	57-2	195923	194303	193266	194498	0.69	cps
Krypton	83-1	50	47	60	52	13.28	cps
Lead	206-1	571087	571780	573019	571962	0.17	cps
Lead	207-1	504383	511782	509038	508401	0.74	cps
Lead	208-1	2261744	2290208	2291114	2281022	0.73	cps
Lithium	6-1	1299101	1300292	1300861	1300085	0.07	cps
Magnesium	24-2	1851250	1834379	1849568	1845066	0.50	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:35:05	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	232616	232332	234999	233316	0.63	cps
Molybdenum	94-1	1181096	1164679	1180116	1175297	0.78	cps
Molybdenum	95-1	1416500	1409935	1414193	1413542	0.24	cps
Molybdenum	96-1	1574820	1557949	1582525	1571765	0.80	cps
Molybdenum	97-1	892935	895551	896200	894895	0.19	cps
Molybdenum	98-1	2268517	2245377	2271208	2261700	0.63	cps
Neodymium	150-1	47	80	67	64	26.03	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	63741	67008	64873	65207	2.54	cps
Phosphorus	31-2	7727	7677	7794	7733	0.76	cps
Potassium	39-2	806416	801228	805471	804372	0.34	cps
Rhodium	103-1	1819054	1824487	1828089	1823877	0.25	cps
Rhodium	103-2	922148	921789	923322	922420	0.09	cps
Scandium	45-1	1716023	1726252	1720100	1720791	0.30	cps
Scandium	45-2	80175	79662	79502	79780	0.44	cps
Selenium	77-2	563	580	567	570	1.55	cps
Selenium	78-2	2015	1880	2035	1977	4.28	cps
Selenium	82-1	12432	12475	12434	12447	0.19	cps
Silicon	28-1	596781	600225	604734	600580	0.66	cps
Silver	109-1	619289	612970	618962	617074	0.58	cps
Silver	107-1	644912	639362	643639	642638	0.45	cps
Sodium	23-2	3713199	3652036	3674657	3679964	0.84	cps
Strontium	86-1	194642	195638	199077	196452	1.18	cps
Strontium	88-1	1675425	1665098	1676178	1672234	0.37	cps
Sulfur	34-1	209095	208733	207500	208443	0.40	cps
Terbium	159-1	3284567	3342069	3327937	3318191	0.90	cps
Terbium	159-2	1811920	1814330	1832033	1819428	0.60	cps
Thallium	203-1	685885	694144	692828	690952	0.64	cps
Thallium	205-1	1619175	1635856	1644037	1633023	0.78	cps
Thorium	232-1	2726926	2746146	2768818	2747296	0.76	cps
Tin	118-1	476107	472933	481672	476904	0.93	cps
Titanium	47-1	475654	474827	476198	475560	0.15	cps
Uranium	238-1	2534934	2560602	2565452	2553663	0.64	cps
Vanadium	51-2	158891	156681	156186	157253	0.92	cps
Yttrium	89-1	2422905	2425479	2417849	2422078	0.16	cps
Yttrium	89-2	368970	372280	372142	371131	0.50	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:35:05	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	56522	56486	57145	56718	0.65	cps
Zirconium	90-1	1030666	1029677	1036456	1032266	0.35	cps
Zirconium	91-1	232732	229326	229350	230469	0.85	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 14:38:59 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306095	305331	300497	303974	1.00	cps
Antimony	121-1	1070287	1061467	1078374	1070043	0.79	cps
Arsenic	75-1	224701	222968	224197	223955	0.40	cps
Barium	135-1	1469061	1458143	1483913	1470372	0.88	cps
Barium	137-1	2523214	2529188	2554789	2535730	0.66	cps
Beryllium	9-1	385833	383752	386923	385503	0.42	cps
Bismuth	209-1	2143659	2148857	2164108	2152208	0.49	cps
Bismuth	209-2	1290969	1309143	1307491	1302534	0.77	cps
Boron	10-1	70607	71762	71260	71210	0.81	cps
Boron	11-1	304332	308602	309230	307388	0.87	cps
Cadmium	111-1	291894	289747	291945	291195	0.43	cps
Cadmium	106-1	35128	34710	34117	34652	1.47	cps
Cadmium	108-1	23098	23278	24154	23510	2.40	cps
Calcium	43-1	431009	439734	439402	436715	1.13	cps
Calcium	44-1	7036035	6971569	7088408	7032004	0.83	cps
Chromium	52-2	362907	362511	360673	362031	0.33	cps
Cobalt	59-2	497949	500569	499436	499318	0.26	cps
Copper	63-2	605577	610787	603690	606685	0.61	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	40	37	40	39	4.94	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	8	33	33	25	57.74	cps
Gadolinium	160-2	47	30	37	38	22.21	cps
Holmium	165-1	3245567	3243450	3269839	3252952	0.45	cps
Holmium	165-2	1831967	1873097	1850876	1851980	1.11	cps
Indium	115-1	1994887	2002919	2023933	2007246	0.75	cps
Indium	115-2	431517	437555	435353	434808	0.70	cps
Iron	56-2	14447468	14400345	14281725	14376513	0.59	cps
Iron	57-2	371431	371033	368107	370190	0.49	cps
Krypton	83-1	60	73	70	68	10.24	cps
Lead	206-1	1111496	1101910	1128733	1114046	1.22	cps
Lead	207-1	1006841	1004068	1004487	1005132	0.15	cps
Lead	208-1	4465510	4452583	4500592	4472895	0.56	cps
Lithium	6-1	1268990	1265207	1275866	1270021	0.43	cps
Magnesium	24-2	3575940	3562058	3547705	3561901	0.40	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:38:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	447078	451010	452230	450106	0.60	cps
Molybdenum	94-1	2282193	2265556	2270047	2272599	0.38	cps
Molybdenum	95-1	2732557	2722318	2727330	2727402	0.19	cps
Molybdenum	96-1	3104715	3086454	3093742	3094970	0.30	cps
Molybdenum	97-1	1704209	1691370	1696351	1697310	0.38	cps
Molybdenum	98-1	4536436	4526238	4535481	4532718	0.12	cps
Neodymium	150-1	87	233	93	138	60.11	cps
Neodymium	150-2	17	10	7	11	45.82	cps
Nickel	60-2	120776	122382	119226	120795	1.31	cps
Phosphorus	31-2	14658	15133	15041	14944	1.69	cps
Potassium	39-2	1543884	1552991	1535008	1543961	0.58	cps
Rhodium	103-1	1745656	1755860	1751852	1751123	0.29	cps
Rhodium	103-2	898515	904031	894792	899113	0.52	cps
Scandium	45-1	1682206	1693966	1696691	1690954	0.46	cps
Scandium	45-2	78332	79331	78466	78710	0.69	cps
Selenium	77-2	1107	1217	1010	1111	9.31	cps
Selenium	78-2	3736	3789	3688	3738	1.36	cps
Selenium	82-1	23997	23358	23837	23731	1.40	cps
Silicon	28-1	1101235	1108965	1125580	1111926	1.12	cps
Silver	109-1	1187476	1179526	1184248	1183750	0.34	cps
Silver	107-1	1219570	1235879	1248356	1234602	1.17	cps
Sodium	23-2	7199732	7202680	7179317	7193910	0.18	cps
Strontium	86-1	385367	382406	386454	384742	0.54	cps
Strontium	88-1	3290209	3273086	3278989	3280761	0.27	cps
Sulfur	34-1	282600	278202	280062	280288	0.79	cps
Terbium	159-1	3328163	3317641	3332829	3326211	0.23	cps
Terbium	159-2	1792222	1830125	1829815	1817387	1.20	cps
Thallium	203-1	1358477	1340297	1360128	1352967	0.81	cps
Thallium	205-1	3272349	3231113	3284460	3262641	0.86	cps
Thorium	232-1	5567154	5527577	5564321	5553017	0.40	cps
Tin	118-1	926981	923550	931569	927366	0.43	cps
Titanium	47-1	908374	915644	917223	913747	0.52	cps
Uranium	238-1	5151496	5123068	5166909	5147158	0.43	cps
Vanadium	51-2	303288	304625	302931	303615	0.29	cps
Yttrium	89-1	2369705	2365380	2371771	2368952	0.14	cps
Yttrium	89-2	360657	366306	363111	363358	0.78	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:38:59	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	106481	107062	107005	106849	0.30	cps
Zirconium	90-1	1976055	1979835	1995974	1983955	0.53	cps
Zirconium	91-1	449792	449873	454546	451404	0.60	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:42:49	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	562532	556765	568331	562543	1.03	cps
Antimony	121-1	2045606	1991147	2002771	2013175	1.42	cps
Arsenic	75-1	418004	416441	415436	416627	0.31	cps
Barium	135-1	2876555	2807645	2828850	2837683	1.24	cps
Barium	137-1	4988675	4928841	4932961	4950159	0.68	cps
Beryllium	9-1	712309	698735	693094	701379	1.41	cps
Bismuth	209-1	2079951	2039121	2042655	2053909	1.10	cps
Bismuth	209-2	1237406	1242646	1266878	1248977	1.26	cps
Boron	10-1	133021	131487	130350	131619	1.02	cps
Boron	11-1	574034	567969	564478	568827	0.85	cps
Cadmium	111-1	548856	537406	533186	539816	1.50	cps
Cadmium	106-1	64690	64347	63945	64328	0.58	cps
Cadmium	108-1	43910	42760	42685	43118	1.59	cps
Calcium	43-1	828978	811750	811258	817329	1.23	cps
Calcium	44-1	13439151	13203633	13144835	13262540	1.17	cps
Chromium	52-2	668280	661475	676335	668697	1.11	cps
Cobalt	59-2	915623	903761	922038	913808	1.01	cps
Copper	63-2	1094300	1086410	1107519	1096076	0.97	cps
Dysprosium	156-1	42	33	83	53	50.75	cps
Dysprosium	156-2	40	73	50	54	31.42	cps
Erbium	164-1	8	8	33	17	86.62	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	43	40	47	43	7.70	cps
Holmium	165-1	3244633	3186757	3171031	3200807	1.21	cps
Holmium	165-2	1804512	1794707	1827751	1808990	0.94	cps
Indium	115-1	1905515	1886885	1885301	1892567	0.59	cps
Indium	115-2	407036	406828	414036	409300	1.00	cps
Iron	56-2	26866894	26462997	26951785	26760559	0.98	cps
Iron	57-2	684025	681858	686360	684081	0.33	cps
Krypton	83-1	53	57	70	60	14.70	cps
Lead	206-1	2143739	2107550	2100525	2117271	1.10	cps
Lead	207-1	1944396	1909489	1906259	1920048	1.10	cps
Lead	208-1	8767657	8609467	8586978	8654700	1.14	cps
Lithium	6-1	1215890	1191897	1189549	1199112	1.22	cps
Magnesium	24-2	6704570	6560748	6689872	6651730	1.19	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:42:49	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	836354	830882	843880	837039	0.78	cps
Molybdenum	94-1	4456679	4384020	4388464	4409721	0.92	cps
Molybdenum	95-1	5308853	5256518	5226330	5263900	0.79	cps
Molybdenum	96-1	5959749	5896618	5870230	5908866	0.78	cps
Molybdenum	97-1	3378994	3308748	3279922	3322555	1.53	cps
Molybdenum	98-1	8787148	8563447	8536484	8629026	1.59	cps
Neodymium	150-1	280	293	273	282	3.61	cps
Neodymium	150-2	20	27	17	21	24.12	cps
Nickel	60-2	221807	221174	224306	222429	0.74	cps
Phosphorus	31-2	28244	28169	28202	28205	0.13	cps
Potassium	39-2	2835105	2812607	2858824	2835512	0.82	cps
Rhodium	103-1	1659063	1620139	1622602	1633935	1.33	cps
Rhodium	103-2	844568	834058	846848	841825	0.81	cps
Scandium	45-1	1627423	1584535	1578849	1596936	1.66	cps
Scandium	45-2	72865	72031	75032	73309	2.11	cps
Selenium	77-2	2030	1987	2160	2059	4.38	cps
Selenium	78-2	7022	6709	6970	6900	2.43	cps
Selenium	82-1	45058	44322	43557	44313	1.69	cps
Silicon	28-1	1822393	1800645	1793778	1805605	0.83	cps
Silver	109-1	2191786	2144030	2128008	2154608	1.54	cps
Silver	107-1	2272291	2235060	2214648	2240666	1.30	cps
Sodium	23-2	13556697	13333016	13558162	13482625	0.96	cps
Strontium	86-1	728317	719144	719097	722186	0.74	cps
Strontium	88-1	6334271	6219866	6218027	6257388	1.06	cps
Sulfur	34-1	422045	415749	411933	416576	1.23	cps
Terbium	159-1	3310468	3240991	3229590	3260349	1.34	cps
Terbium	159-2	1771724	1753015	1792398	1772379	1.11	cps
Thallium	203-1	2705202	2647415	2644089	2665569	1.29	cps
Thallium	205-1	6412145	6359513	6301713	6357790	0.87	cps
Thorium	232-1	11164313	10966445	10957926	11029561	1.06	cps
Tin	118-1	1777010	1743125	1727487	1749207	1.45	cps
Titanium	47-1	1740905	1688156	1682192	1703751	1.90	cps
Uranium	238-1	10314910	10175724	10236029	10242221	0.68	cps
Vanadium	51-2	567841	557698	567946	564495	1.04	cps
Yttrium	89-1	2295602	2252186	2255634	2267807	1.06	cps
Yttrium	89-2	346070	342891	351510	346824	1.26	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:42:49	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	194881	193878	195530	194763	0.43	cps
Zirconium	90-1	3840833	3773109	3755538	3789827	1.19	cps
Zirconium	91-1	854733	829379	829301	837804	1.75	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:46:39	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2523526	2557158	2556838	2545841	0.76	cps
Antimony	121-1	2434	2392	2634	2486	5.20	cps
Arsenic	75-1	509	561	289	453	31.92	cps
Barium	135-1	250	183	192	208	17.43	cps
Barium	137-1	400	317	408	375	13.52	cps
Beryllium	9-1	210	157	173	180	15.16	cps
Bismuth	209-1	1785340	1772091	1733696	1763709	1.52	cps
Bismuth	209-2	1049610	1070478	1070520	1063536	1.13	cps
Boron	10-1	7602	6944	6260	6935	9.68	cps
Boron	11-1	32327	30549	27317	30064	8.45	cps
Cadmium	111-1	585	563	676	608	9.83	cps
Cadmium	106-1	783	775	908	822	9.08	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	3673810	3754314	3693867	3707330	1.13	cps
Calcium	44-1	60201624	61392114	60575918	60723219	1.00	cps
Chromium	52-2	2714	2627	2654	2665	1.67	cps
Cobalt	59-2	9950	10190	10230	10124	1.50	cps
Copper	63-2	13731	13666	13670	13689	0.26	cps
Dysprosium	156-1	8	33	0	14	124.92	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	13	17	3	11	62.48	cps
Gadolinium	160-1	50	25	25	33	43.30	cps
Gadolinium	160-2	60	43	40	48	22.43	cps
Holmium	165-1	2977878	2981146	2951453	2970159	0.55	cps
Holmium	165-2	1661662	1693999	1690557	1682073	1.06	cps
Indium	115-1	1732864	1731228	1702396	1722163	1.00	cps
Indium	115-2	381332	386379	386342	384685	0.75	cps
Iron	56-2	125531047	127440633	127051136	126674272	0.80	cps
Iron	57-2	3124258	3174729	3169892	3156293	0.88	cps
Krypton	83-1	83	47	97	76	34.27	cps
Lead	206-1	1572	1595	1533	1567	1.97	cps
Lead	207-1	1406	1467	1433	1435	2.13	cps
Lead	208-1	6290	6206	6356	6284	1.20	cps
Lithium	6-1	1097976	1105485	1101243	1101568	0.34	cps
Magnesium	24-2	30824887	31267386	31328849	31140374	0.88	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:46:39	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2884	2837	2880	2867	0.91	cps
Molybdenum	94-1	1292	1450	1233	1325	8.46	cps
Molybdenum	95-1	1767	1934	1784	1828	5.02	cps
Molybdenum	96-1	2500	2225	2300	2342	6.07	cps
Molybdenum	97-1	1108	967	892	989	11.13	cps
Molybdenum	98-1	2800	2409	2709	2639	7.76	cps
Neodymium	150-1	40	27	47	38	26.95	cps
Neodymium	150-2	20	13	23	19	26.96	cps
Nickel	60-2	3951	3687	3681	3773	4.08	cps
Phosphorus	31-2	67	75	33	58	37.80	cps
Potassium	39-2	12961682	13148633	13156973	13089096	0.84	cps
Rhodium	103-1	1455852	1445203	1420865	1440640	1.24	cps
Rhodium	103-2	738093	749829	748802	745574	0.87	cps
Scandium	45-1	1489644	1508452	1472678	1490258	1.20	cps
Scandium	45-2	69988	72637	71810	71478	1.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	9	11	14	43.83	cps
Selenium	82-1	-2	37	8	15	139.49	cps
Silicon	28-1	125439	125666	126330	125812	0.37	cps
Silver	109-1	125	108	83	106	19.87	cps
Silver	107-1	233	117	125	158	41.11	cps
Sodium	23-2	61982003	62785272	62436049	62401108	0.65	cps
Strontium	86-1	3109	2542	2567	2739	11.69	cps
Strontium	88-1	23069	22928	22777	22925	0.64	cps
Sulfur	34-1	111960	113976	114655	113531	1.23	cps
Terbium	159-1	3072933	3041925	3017057	3043972	0.92	cps
Terbium	159-2	1631441	1667788	1649749	1649659	1.10	cps
Thallium	203-1	308	467	308	361	25.31	cps
Thallium	205-1	1100	850	700	883	22.88	cps
Thorium	232-1	1300	1100	1250	1217	8.56	cps
Tin	118-1	533	783	583	633	20.89	cps
Titanium	47-1	408	533	575	506	17.16	cps
Uranium	238-1	342	342	367	350	4.12	cps
Vanadium	51-2	60	67	60	62	6.19	cps
Yttrium	89-1	2125861	2120236	2079590	2108562	1.20	cps
Yttrium	89-2	328147	333068	331604	330939	0.76	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:46:39	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1350	1463	1510	1441	5.71	cps
Zirconium	90-1	1150	983	867	1000	14.24	cps
Zirconium	91-1	150	158	117	142	15.56	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 14:54:00 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16001	15383	15650	15678	1.98	cps
Antimony	121-1	431029	427965	417649	425547	1.65	cps
Arsenic	75-1	90635	93800	90429	91621	2.06	cps
Barium	135-1	60850	60256	58716	59941	1.84	cps
Barium	137-1	106466	105893	103577	105312	1.45	cps
Beryllium	9-1	79808	80378	79038	79741	0.84	cps
Bismuth	209-1	2207949	2217396	2173667	2199671	1.05	cps
Bismuth	209-2	1336711	1342221	1349971	1342968	0.50	cps
Boron	10-1	1817	1834	1717	1789	3.53	cps
Boron	11-1	8194	7611	7435	7747	5.13	cps
Cadmium	111-1	60387	60690	58894	59990	1.60	cps
Cadmium	106-1	6627	6418	6402	6482	1.93	cps
Cadmium	108-1	5055	4897	4709	4887	3.54	cps
Calcium	43-1	18763	18737	18103	18534	2.02	cps
Calcium	44-1	305762	302770	297837	302123	1.32	cps
Chromium	52-2	78615	77814	77351	77927	0.82	cps
Cobalt	59-2	105409	105472	106060	105647	0.34	cps
Copper	63-2	67683	67057	67388	67376	0.46	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	0	33	8	14	124.91	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	8	17	8	11	43.34	cps
Gadolinium	160-2	47	67	33	49	34.32	cps
Holmium	165-1	3290740	3341202	3251887	3294609	1.36	cps
Holmium	165-2	1853079	1862673	1862903	1859552	0.30	cps
Indium	115-1	2116934	2113230	2081110	2103758	0.94	cps
Indium	115-2	457479	460065	461802	459782	0.47	cps
Iron	56-2	643637	645693	642792	644040	0.23	cps
Iron	57-2	16270	16259	16254	16261	0.05	cps
Krypton	83-1	53	73	70	66	16.35	cps
Lead	206-1	462541	463368	455615	460508	0.92	cps
Lead	207-1	397408	398239	393331	396326	0.66	cps
Lead	208-1	1814882	1818604	1792973	1808820	0.77	cps
Lithium	6-1	1358650	1361043	1340577	1353424	0.83	cps
Magnesium	24-2	93733	92401	94841	93659	1.30	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:54:00	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47253	47751	47002	47335	0.81	cps
Molybdenum	94-1	1583941	1598707	1560858	1581169	1.21	cps
Molybdenum	95-1	2741979	2851053	2717754	2770262	2.56	cps
Molybdenum	96-1	3031081	3058907	2982766	3024252	1.27	cps
Molybdenum	97-1	1731033	1733135	1682469	1715546	1.67	cps
Molybdenum	98-1	4650704	4662516	4564512	4625911	1.16	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	26948	27108	26945	27001	0.35	cps
Phosphorus	31-2	17	58	42	39	53.93	cps
Potassium	39-2	132386	132832	132764	132661	0.18	cps
Rhodium	103-1	1883541	1888203	1852092	1874612	1.05	cps
Rhodium	103-2	958171	962207	961055	960478	0.22	cps
Scandium	45-1	1832872	1815271	1779644	1809262	1.50	cps
Scandium	45-2	82803	82166	82756	82575	0.43	cps
Selenium	77-2	463	460	453	459	1.11	cps
Selenium	78-2	1476	1641	1619	1578	5.67	cps
Selenium	82-1	9948	10072	9828	9949	1.23	cps
Silicon	28-1	61888	63996	64556	63480	2.22	cps
Silver	109-1	209769	212820	207330	209973	1.31	cps
Silver	107-1	220138	217410	216870	218139	0.80	cps
Sodium	23-2	312095	307765	312742	310867	0.87	cps
Strontium	86-1	2075	2134	1859	2022	7.17	cps
Strontium	88-1	16201	15709	16168	16026	1.72	cps
Sulfur	34-1	122633	120913	115974	119840	2.88	cps
Terbium	159-1	3391758	3427421	3370715	3396632	0.84	cps
Terbium	159-2	1835288	1827001	1838325	1833538	0.32	cps
Thallium	203-1	551284	561648	543385	552106	1.66	cps
Thallium	205-1	1333413	1315350	1303343	1317369	1.15	cps
Thorium	232-1	783	817	783	794	2.42	cps
Tin	118-1	442	417	408	422	4.11	cps
Titanium	47-1	958206	951293	931874	947124	1.44	cps
Uranium	238-1	25	58	58	47	40.76	cps
Vanadium	51-2	63757	61514	61799	62357	1.96	cps
Yttrium	89-1	2495969	2499852	2442933	2479584	1.28	cps
Yttrium	89-2	378688	381410	381397	380498	0.41	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:54:00	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	23352	23275	23486	23371	0.46	cps
Zirconium	90-1	575	683	608	622	8.92	cps
Zirconium	91-1	317	258	317	297	11.33	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 14:57:37 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	42	50	50	16.67	cps
Antimony	121-1	517	400	392	436	16.03	cps
Arsenic	75-1	-50	-100	-165	-105	-54.76	cps
Barium	135-1	25	8	0	11	114.58	cps
Barium	137-1	17	25	8	17	50.01	cps
Beryllium	9-1	93	53	63	70	29.75	cps
Bismuth	209-1	2228064	2195339	2203806	2209070	0.77	cps
Bismuth	209-2	1354172	1358411	1372145	1361576	0.69	cps
Boron	10-1	1450	1325	1275	1350	6.68	cps
Boron	11-1	6101	6310	5668	6026	5.43	cps
Cadmium	111-1	808	663	701	724	10.32	cps
Cadmium	106-1	1150	942	1000	1031	10.43	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	100	92	50	81	33.25	cps
Calcium	44-1	1734	1950	1734	1806	6.93	cps
Chromium	52-2	153	193	223	190	18.48	cps
Cobalt	59-2	7	10	3	7	50.03	cps
Copper	63-2	103	87	107	99	10.84	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	0	8	11	114.58	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	0	17	17	11	86.60	cps
Gadolinium	160-2	43	33	30	36	19.51	cps
Holmium	165-1	3291943	3305566	3294857	3297455	0.22	cps
Holmium	165-2	1889682	1878439	1893866	1887329	0.42	cps
Indium	115-1	2148512	2107829	2107991	2121444	1.11	cps
Indium	115-2	473973	471157	470831	471987	0.37	cps
Iron	56-2	1750	1783	1806	1780	1.57	cps
Iron	57-2	28	22	17	22	25.00	cps
Krypton	83-1	70	67	50	62	17.22	cps
Lead	206-1	178	156	144	159	10.66	cps
Lead	207-1	161	133	106	133	20.83	cps
Lead	208-1	644	583	661	630	6.50	cps
Lithium	6-1	1364669	1357326	1365097	1362364	0.32	cps
Magnesium	24-2	283	342	258	294	14.52	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:57:37	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	10	17	14	26.66	cps
Molybdenum	94-1	483	375	375	411	15.21	cps
Molybdenum	95-1	808	683	608	700	14.43	cps
Molybdenum	96-1	617	733	533	628	16.00	cps
Molybdenum	97-1	358	375	300	344	11.43	cps
Molybdenum	98-1	1150	1042	750	981	21.10	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	10	10	14	53.28	cps
Phosphorus	31-2	42	33	25	33	25.01	cps
Potassium	39-2	4793	4809	4518	4706	3.48	cps
Rhodium	103-1	1930506	1896218	1912069	1912931	0.90	cps
Rhodium	103-2	991857	993737	1002504	996033	0.57	cps
Scandium	45-1	1832059	1812083	1808236	1817459	0.70	cps
Scandium	45-2	86705	85250	84362	85439	1.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	15	13	15	18.35	cps
Selenium	82-1	15	1	40	19	104.53	cps
Silicon	28-1	50177	50921	49717	50271	1.21	cps
Silver	109-1	58	33	33	42	34.65	cps
Silver	107-1	100	67	67	78	24.75	cps
Sodium	23-2	4926	4884	4951	4920	0.69	cps
Strontium	86-1	133	92	83	103	26.06	cps
Strontium	88-1	8	33	50	31	68.64	cps
Sulfur	34-1	124189	123711	124365	124088	0.27	cps
Terbium	159-1	3388358	3389348	3395053	3390920	0.11	cps
Terbium	159-2	1865667	1856887	1858637	1860397	0.25	cps
Thallium	203-1	183	167	108	153	25.78	cps
Thallium	205-1	550	450	500	500	10.00	cps
Thorium	232-1	144	178	156	159	10.66	cps
Tin	118-1	217	233	217	222	4.33	cps
Titanium	47-1	133	92	67	97	34.64	cps
Uranium	238-1	25	8	0	11	114.58	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	2504888	2491084	2460510	2485494	0.91	cps
Yttrium	89-2	392252	394110	390936	392433	0.41	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 14:57:37	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53	47	53	51	7.52	cps
Zirconium	90-1	167	167	158	164	2.94	cps
Zirconium	91-1	17	92	33	47	83.40	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:01:14	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2593826	2601950	2600770	2598849	0.17	cps
Antimony	121-1	2492	2625	2617	2578	2.90	cps
Arsenic	75-1	442	860	747	683	31.66	cps
Barium	135-1	658	908	783	783	15.96	cps
Barium	137-1	1550	1550	1417	1506	5.11	cps
Beryllium	9-1	273	217	230	240	12.34	cps
Bismuth	209-1	2024322	1997625	2003239	2008395	0.70	cps
Bismuth	209-2	1221388	1230237	1233785	1228470	0.52	cps
Boron	10-1	1375	1283	1250	1303	4.97	cps
Boron	11-1	5368	5335	5426	5376	0.86	cps
Cadmium	111-1	883	972	820	892	8.53	cps
Cadmium	106-1	708	817	808	778	7.75	cps
Cadmium	108-1	817	750	821	796	4.99	cps
Calcium	43-1	820556	808136	810485	813059	0.81	cps
Calcium	44-1	13360762	13330437	13290045	13327081	0.27	cps
Chromium	52-2	14084	14457	13903	14148	2.00	cps
Cobalt	59-2	1150	1230	1287	1222	5.62	cps
Copper	63-2	4149	3944	3743	3946	5.15	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	8	25	25	19	49.50	cps
Gadolinium	160-2	47	33	37	39	17.85	cps
Holmium	165-1	3194382	3183679	3216552	3198205	0.52	cps
Holmium	165-2	1818589	1839912	1836760	1831754	0.63	cps
Indium	115-1	1927401	1913806	1928472	1923226	0.43	cps
Indium	115-2	424760	430068	432221	429016	0.90	cps
Iron	56-2	55300743	55553798	55565458	55473333	0.27	cps
Iron	57-2	1383572	1385506	1389712	1386263	0.23	cps
Krypton	83-1	50	73	67	63	18.98	cps
Lead	206-1	10705	10149	10571	10475	2.77	cps
Lead	207-1	7969	8131	8092	8064	1.04	cps
Lead	208-1	38695	37855	38523	38358	1.16	cps
Lithium	6-1	1221800	1215447	1220386	1219211	0.27	cps
Magnesium	24-2	6880839	6933761	6907088	6907229	0.38	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:01:14	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3570	3507	3520	3533	0.95	cps
Molybdenum	94-1	1163042	1151608	1162655	1159102	0.56	cps
Molybdenum	95-1	2025008	2014190	2028023	2022407	0.36	cps
Molybdenum	96-1	2172203	2154540	2175689	2167478	0.52	cps
Molybdenum	97-1	1278107	1274950	1287991	1280349	0.53	cps
Molybdenum	98-1	3366160	3334884	3393167	3364737	0.87	cps
Neodymium	150-1	27	0	0	9	173.21	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	1307	1397	1357	1353	3.33	cps
Phosphorus	31-2	138815	140725	139591	139710	0.69	cps
Potassium	39-2	5803031	5792788	5812061	5802627	0.17	cps
Rhodium	103-1	1648028	1636182	1638512	1640907	0.38	cps
Rhodium	103-2	868307	870638	875767	871570	0.44	cps
Scandium	45-1	1627903	1628477	1632623	1629668	0.16	cps
Scandium	45-2	77505	76345	77990	77280	1.09	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	9	11	7	9	19.98	cps
Selenium	82-1	15	-9	30	12	163.73	cps
Silicon	28-1	86726	85879	87916	86840	1.18	cps
Silver	109-1	92	183	158	144	32.81	cps
Silver	107-1	167	175	125	156	17.22	cps
Sodium	23-2	13734015	13820216	13800273	13784835	0.33	cps
Strontium	86-1	24806	23887	25298	24664	2.90	cps
Strontium	88-1	214733	214803	213348	214295	0.38	cps
Sulfur	34-1	1594366	1588543	1592025	1591645	0.18	cps
Terbium	159-1	3250681	3255792	3299466	3268647	0.82	cps
Terbium	159-2	1789820	1797350	1799061	1795410	0.27	cps
Thallium	203-1	458	350	542	450	21.36	cps
Thallium	205-1	867	958	1025	950	8.37	cps
Thorium	232-1	178	217	311	235	29.16	cps
Tin	118-1	442	525	433	467	10.86	cps
Titanium	47-1	710698	703032	700783	704837	0.74	cps
Uranium	238-1	217	200	150	189	18.37	cps
Vanadium	51-2	63	67	77	69	10.08	cps
Yttrium	89-1	2298221	2311721	2305367	2305103	0.29	cps
Yttrium	89-2	361620	362496	365238	363118	0.52	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:01:14	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1143	1167	1257	1189	5.03	cps
Zirconium	90-1	283	242	258	261	8.03	cps
Zirconium	91-1	58	33	50	47	26.97	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 15:04:49 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2689276	2659770	2687593	2678879	0.62	cps
Antimony	121-1	44689	45366	45425	45160	0.91	cps
Arsenic	75-1	9399	9191	9454	9348	1.48	cps
Barium	135-1	12756	12590	12932	12759	1.34	cps
Barium	137-1	23304	22761	22544	22870	1.71	cps
Beryllium	9-1	15635	15014	15088	15246	2.22	cps
Bismuth	209-1	2036645	2051350	2044926	2044307	0.36	cps
Bismuth	209-2	1251824	1248430	1251988	1250747	0.16	cps
Boron	10-1	8594	8603	8636	8611	0.26	cps
Boron	11-1	36361	35994	36453	36269	0.67	cps
Cadmium	111-1	12484	12240	12373	12366	0.99	cps
Cadmium	106-1	2625	2592	2684	2634	1.76	cps
Cadmium	108-1	1733	1708	1867	1770	4.81	cps
Calcium	43-1	859970	838646	847214	848610	1.26	cps
Calcium	44-1	13976097	13820101	13927139	13907779	0.57	cps
Chromium	52-2	29156	28678	28317	28717	1.46	cps
Cobalt	59-2	20782	20618	21082	20827	1.13	cps
Copper	63-2	16439	16566	17181	16728	2.37	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	17	25	8	17	50.01	cps
Gadolinium	160-2	57	47	47	50	11.55	cps
Holmium	165-1	3243223	3313831	3290060	3282371	1.09	cps
Holmium	165-2	1877544	1857700	1867179	1867474	0.53	cps
Indium	115-1	1986160	1981808	1977097	1981688	0.23	cps
Indium	115-2	440337	434166	440299	438267	0.81	cps
Iron	56-2	56841696	56137604	56983226	56654175	0.80	cps
Iron	57-2	1414148	1412252	1419316	1415239	0.26	cps
Krypton	83-1	77	63	40	60	30.93	cps
Lead	206-1	55638	54495	56598	55577	1.89	cps
Lead	207-1	45696	46019	45451	45722	0.62	cps
Lead	208-1	212912	211039	214131	212694	0.73	cps
Lithium	6-1	1254959	1255319	1248468	1252915	0.31	cps
Magnesium	24-2	7011863	6948514	7069125	7009834	0.86	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:04:49	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12766	12325	12836	12642	2.19	cps
Molybdenum	94-1	1316451	1294942	1309004	1306799	0.84	cps
Molybdenum	95-1	2162968	2161742	2160272	2161661	0.06	cps
Molybdenum	96-1	2331182	2309076	2309484	2316581	0.55	cps
Molybdenum	97-1	1374468	1354989	1367425	1365627	0.72	cps
Molybdenum	98-1	3606943	3598416	3633569	3612976	0.51	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	6015	5905	5975	5965	0.93	cps
Phosphorus	31-2	143384	143736	144148	143756	0.27	cps
Potassium	39-2	6004510	5889594	6006731	5966945	1.12	cps
Rhodium	103-1	1693166	1698284	1712804	1701418	0.60	cps
Rhodium	103-2	887906	884842	888509	887086	0.22	cps
Scandium	45-1	1696728	1686885	1699752	1694455	0.40	cps
Scandium	45-2	80544	78041	80155	79580	1.69	cps
Selenium	77-2	33	33	20	29	26.64	cps
Selenium	78-2	174	141	194	170	15.97	cps
Selenium	82-1	839	901	961	901	6.77	cps
Silicon	28-1	185172	182467	183013	183551	0.78	cps
Silver	109-1	45307	45181	43259	44582	2.57	cps
Silver	107-1	46978	46059	46486	46508	0.99	cps
Sodium	23-2	14182319	13973494	14175237	14110350	0.84	cps
Strontium	86-1	74678	72450	73857	73662	1.53	cps
Strontium	88-1	638568	630016	635642	634742	0.68	cps
Sulfur	34-1	1674331	1638037	1644859	1652409	1.17	cps
Terbium	159-1	3364426	3361194	3390975	3372198	0.48	cps
Terbium	159-2	1844172	1827161	1834658	1835331	0.46	cps
Thallium	203-1	54094	53509	53843	53815	0.55	cps
Thallium	205-1	131570	130973	131157	131233	0.23	cps
Thorium	232-1	1956	2200	1845	2000	9.10	cps
Tin	118-1	97075	97914	95868	96952	1.06	cps
Titanium	47-1	758366	747345	745951	750554	0.91	cps
Uranium	238-1	564567	559906	558257	560910	0.58	cps
Vanadium	51-2	11922	12395	12172	12163	1.95	cps
Yttrium	89-1	2418183	2401013	2386745	2401980	0.66	cps
Yttrium	89-2	373017	370692	373075	372261	0.37	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:04:49	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3344	3310	3260	3305	1.27	cps
Zirconium	90-1	213611	211224	211978	212271	0.57	cps
Zirconium	91-1	47705	47479	47831	47672	0.37	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:08:25	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1404821	1418441	1427124	1416796	0.79	cps
Antimony	121-1	1009545	995258	989156	997986	1.05	cps
Arsenic	75-1	220229	221494	217709	219811	0.88	cps
Barium	135-1	1420749	1418715	1398654	1412706	0.86	cps
Barium	137-1	2437884	2417756	2406934	2420858	0.65	cps
Beryllium	9-1	355749	350163	349006	351639	1.03	cps
Bismuth	209-1	2026340	2019697	1980637	2008891	1.23	cps
Bismuth	209-2	1184040	1193633	1202445	1193372	0.77	cps
Boron	10-1	66296	65376	65668	65780	0.71	cps
Boron	11-1	281602	282013	286004	283207	0.86	cps
Cadmium	111-1	308809	307319	304269	306799	0.75	cps
Cadmium	106-1	35963	35403	34769	35378	1.69	cps
Cadmium	108-1	24292	24037	23849	24059	0.92	cps
Calcium	43-1	1995455	1998583	1974111	1989383	0.67	cps
Calcium	44-1	33049480	32685861	32705939	32813760	0.62	cps
Chromium	52-2	344710	346719	348622	346684	0.56	cps
Cobalt	59-2	471589	471564	473719	472291	0.26	cps
Copper	63-2	637418	644214	645733	642455	0.69	cps
Dysprosium	156-1	17	50	42	36	48.03	cps
Dysprosium	156-2	27	50	33	37	32.78	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	33	25	0	19	89.21	cps
Gadolinium	160-2	30	47	40	39	21.57	cps
Holmium	165-1	3258809	3258415	3234982	3250735	0.42	cps
Holmium	165-2	1813263	1843210	1850284	1835586	1.07	cps
Indium	115-1	1948482	1938272	1912695	1933150	0.95	cps
Indium	115-2	418437	420286	425556	421426	0.88	cps
Iron	56-2	66261222	66621986	66548147	66477119	0.29	cps
Iron	57-2	1689518	1712277	1722793	1708196	1.00	cps
Krypton	83-1	63	80	53	66	20.55	cps
Lead	206-1	1045693	1040186	1032409	1039429	0.64	cps
Lead	207-1	934649	937216	923376	931747	0.79	cps
Lead	208-1	4182382	4172078	4137415	4163958	0.57	cps
Lithium	6-1	1232138	1230550	1215975	1226221	0.73	cps
Magnesium	24-2	16563313	16601064	16732775	16632384	0.53	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : CCV25 Instrumnet Name : P7
 Client Sample ID : CCV25 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 15:08:25 DataFile Name : 016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	429577	432064	433260	431633	0.44	cps
Molybdenum	94-1	2208285	2164981	2167031	2180099	1.12	cps
Molybdenum	95-1	2649397	2625490	2592557	2622481	1.09	cps
Molybdenum	96-1	3004025	3009201	2995585	3002937	0.23	cps
Molybdenum	97-1	1662053	1635782	1613373	1637069	1.49	cps
Molybdenum	98-1	4409300	4393719	4318830	4373950	1.11	cps
Neodymium	150-1	100	73	153	109	37.41	cps
Neodymium	150-2	13	17	20	17	20.01	cps
Nickel	60-2	111077	112678	114223	112659	1.40	cps
Phosphorus	31-2	14207	14616	14541	14455	1.51	cps
Potassium	39-2	7129630	7155879	7157580	7147697	0.22	cps
Rhodium	103-1	1658923	1631832	1625621	1638792	1.08	cps
Rhodium	103-2	833973	850860	855727	846853	1.35	cps
Scandium	45-1	1685730	1655450	1658530	1666570	1.00	cps
Scandium	45-2	77116	76704	78352	77391	1.11	cps
Selenium	77-2	1020	1043	1060	1041	1.93	cps
Selenium	78-2	3638	3612	3743	3664	1.90	cps
Selenium	82-1	23385	22935	23016	23112	1.04	cps
Silicon	28-1	984818	997018	997292	993043	0.72	cps
Silver	109-1	1240008	1224991	1213486	1226162	1.08	cps
Silver	107-1	1304224	1277762	1274371	1285452	1.27	cps
Sodium	23-2	33212378	33606231	33747007	33521872	0.83	cps
Strontium	86-1	372163	369849	363743	368585	1.18	cps
Strontium	88-1	3203787	3164190	3137488	3168489	1.05	cps
Sulfur	34-1	267452	268538	268687	268226	0.25	cps
Terbium	159-1	3336014	3356009	3298946	3330323	0.87	cps
Terbium	159-2	1774538	1799102	1811479	1795039	1.05	cps
Thallium	203-1	1263830	1279895	1259803	1267843	0.84	cps
Thallium	205-1	3063240	3073733	3072607	3069860	0.19	cps
Thorium	232-1	5457771	5418969	5344856	5407199	1.06	cps
Tin	118-1	884834	886108	865503	878815	1.31	cps
Titanium	47-1	888124	879962	871731	879939	0.93	cps
Uranium	238-1	5059918	5057796	4983831	5033848	0.86	cps
Vanadium	51-2	291540	294682	299957	295393	1.44	cps
Yttrium	89-1	2357163	2333619	2312974	2334585	0.95	cps
Yttrium	89-2	357218	365846	364838	362634	1.30	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:08:25	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	108560	109406	109637	109201	0.52	cps
Zirconium	90-1	1946115	1916610	1904693	1922473	1.11	cps
Zirconium	91-1	437951	432325	432361	434213	0.75	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : CCB25 Instrumnet Name : P7
 Client Sample ID : CCB25 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 15:17:27 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	50	33	33	50.00	cps
Antimony	121-1	283	317	350	317	10.53	cps
Arsenic	75-1	-36	3	-126	-53	-124.80	cps
Barium	135-1	17	33	42	31	41.66	cps
Barium	137-1	25	42	25	31	31.50	cps
Beryllium	9-1	107	87	83	92	13.68	cps
Bismuth	209-1	2236421	2192802	2172770	2200664	1.48	cps
Bismuth	209-2	1365319	1362556	1393371	1373749	1.24	cps
Boron	10-1	1425	1350	1108	1295	12.78	cps
Boron	11-1	6360	6168	5643	6057	6.13	cps
Cadmium	111-1	680	717	720	705	3.13	cps
Cadmium	106-1	942	1000	1008	983	3.69	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	33	50	50	44	21.66	cps
Calcium	44-1	1834	1617	1759	1736	6.34	cps
Chromium	52-2	203	300	230	244	20.42	cps
Cobalt	59-2	27	30	20	26	19.92	cps
Copper	63-2	177	213	150	180	17.67	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	8	42	0	17	132.30	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	40	37	33	37	9.10	cps
Holmium	165-1	3345842	3353929	3369965	3356579	0.37	cps
Holmium	165-2	1928929	1912084	1940164	1927059	0.73	cps
Indium	115-1	2197971	2161605	2155364	2171646	1.06	cps
Indium	115-2	494696	492403	497997	495032	0.57	cps
Iron	56-2	1350	1322	1439	1370	4.45	cps
Iron	57-2	28	6	50	28	79.99	cps
Krypton	83-1	67	87	93	82	16.88	cps
Lead	206-1	206	239	217	220	7.70	cps
Lead	207-1	144	228	194	189	22.21	cps
Lead	208-1	917	944	828	896	6.80	cps
Lithium	6-1	1401809	1391156	1394908	1395958	0.39	cps
Magnesium	24-2	200	200	233	211	9.11	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:17:27	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	27	23	26	7.55	cps
Molybdenum	94-1	275	208	142	208	32.00	cps
Molybdenum	95-1	175	167	150	164	7.77	cps
Molybdenum	96-1	267	283	225	258	11.63	cps
Molybdenum	97-1	133	192	133	153	22.05	cps
Molybdenum	98-1	492	308	225	342	39.93	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	23	37	30	22.23	cps
Phosphorus	31-2	75	67	67	69	6.93	cps
Potassium	39-2	4851	5243	5259	5118	4.52	cps
Rhodium	103-1	2012481	1977448	1980614	1990181	0.97	cps
Rhodium	103-2	1040709	1037874	1049168	1042584	0.56	cps
Scandium	45-1	1919107	1891456	1901408	1903990	0.74	cps
Scandium	45-2	90447	90833	91232	90837	0.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	20	15	19	17.34	cps
Selenium	82-1	26	2	9	12	98.11	cps
Silicon	28-1	49834	50653	50302	50263	0.82	cps
Silver	109-1	58	25	58	47	40.76	cps
Silver	107-1	58	67	67	64	7.53	cps
Sodium	23-2	5410	5393	5251	5351	1.63	cps
Strontium	86-1	92	167	83	114	40.30	cps
Strontium	88-1	42	17	33	31	41.66	cps
Sulfur	34-1	143821	139606	141449	141625	1.49	cps
Terbium	159-1	3483275	3457887	3469968	3470377	0.37	cps
Terbium	159-2	1904282	1892604	1939463	1912116	1.28	cps
Thallium	203-1	125	133	117	125	6.67	cps
Thallium	205-1	300	342	317	319	6.57	cps
Thorium	232-1	250	250	239	246	2.60	cps
Tin	118-1	267	300	392	319	20.26	cps
Titanium	47-1	17	17	17	17	0.00	cps
Uranium	238-1	358	358	308	342	8.45	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	2628172	2583048	2581148	2597456	1.02	cps
Yttrium	89-2	412271	408252	414145	411556	0.73	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:17:27	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	27	50	37	38	30.98	cps
Zirconium	90-1	225	292	217	244	16.82	cps
Zirconium	91-1	25	42	33	33	25.01	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120766BL	Instrumnet Name :	P7
Client Sample ID :	PBW766	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:21:39	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	17	19	24.73	cps
Antimony	121-1	67	142	108	106	35.60	cps
Arsenic	75-1	-36	-162	-139	-112	-59.98	cps
Barium	135-1	8	33	0	14	124.91	cps
Barium	137-1	17	17	8	14	34.67	cps
Beryllium	9-1	40	67	87	64	36.33	cps
Bismuth	209-1	2241784	2233794	2219890	2231823	0.50	cps
Bismuth	209-2	1387980	1394396	1377043	1386473	0.63	cps
Boron	10-1	817	1100	1033	983	15.07	cps
Boron	11-1	3784	3876	3926	3862	1.86	cps
Cadmium	111-1	758	678	564	667	14.60	cps
Cadmium	106-1	1075	975	800	950	14.65	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	17	17	17	17	0.00	cps
Calcium	44-1	1592	1517	1609	1572	3.11	cps
Chromium	52-2	280	223	240	248	11.75	cps
Cobalt	59-2	7	13	10	10	33.30	cps
Copper	63-2	173	157	217	182	17.00	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	17	0	8	100.02	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	0	33	8	14	124.91	cps
Gadolinium	160-2	73	30	57	53	40.98	cps
Holmium	165-1	3398980	3406922	3400579	3402160	0.12	cps
Holmium	165-2	1945274	1959209	1938933	1947805	0.53	cps
Indium	115-1	2218580	2234749	2204441	2219257	0.68	cps
Indium	115-2	495527	505212	489135	496625	1.63	cps
Iron	56-2	1033	1061	1122	1072	4.24	cps
Iron	57-2	50	44	28	41	28.38	cps
Krypton	83-1	60	70	57	62	11.15	cps
Lead	206-1	156	128	117	133	15.02	cps
Lead	207-1	144	111	128	128	13.05	cps
Lead	208-1	583	578	589	583	0.95	cps
Lithium	6-1	1441932	1443007	1436259	1440399	0.25	cps
Magnesium	24-2	133	108	133	125	11.55	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120766BL	Instrumnet Name :	P7
Client Sample ID :	PBW766	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:21:39	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	20	13	13	49.99	cps
Molybdenum	94-1	150	100	183	144	29.04	cps
Molybdenum	95-1	133	58	33	75	69.39	cps
Molybdenum	96-1	108	125	92	108	15.39	cps
Molybdenum	97-1	42	33	50	42	19.99	cps
Molybdenum	98-1	158	92	92	114	33.80	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	37	20	23	51.52	cps
Phosphorus	31-2	33	58	25	39	44.62	cps
Potassium	39-2	4876	4793	4876	4848	0.99	cps
Rhodium	103-1	2037838	2059682	2026179	2041233	0.83	cps
Rhodium	103-2	1052113	1056722	1041793	1050209	0.73	cps
Scandium	45-1	1965440	1962691	1957603	1961911	0.20	cps
Scandium	45-2	91876	93241	90655	91924	1.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	24	20	19	29.57	cps
Selenium	82-1	25	19	32	25	26.22	cps
Silicon	28-1	51849	50135	49926	50636	2.08	cps
Silver	109-1	42	17	50	36	48.03	cps
Silver	107-1	42	42	58	47	20.38	cps
Sodium	23-2	4376	4418	4176	4323	2.99	cps
Strontium	86-1	108	192	150	150	27.78	cps
Strontium	88-1	25	42	33	33	25.01	cps
Sulfur	34-1	140296	140346	140102	140248	0.09	cps
Terbium	159-1	3505286	3548574	3525170	3526343	0.61	cps
Terbium	159-2	1921827	1943026	1901667	1922173	1.08	cps
Thallium	203-1	67	83	142	97	40.50	cps
Thallium	205-1	283	308	300	297	4.28	cps
Thorium	232-1	128	128	133	130	2.48	cps
Tin	118-1	208	217	192	206	6.19	cps
Titanium	47-1	33	33	8	25	57.75	cps
Uranium	238-1	33	17	33	28	34.63	cps
Vanadium	51-2	7	0	7	4	86.60	cps
Yttrium	89-1	2667290	2680811	2644752	2664284	0.68	cps
Yttrium	89-2	418461	422842	409156	416820	1.68	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120766BL	Instrumnet Name :	P7
Client Sample ID :	PBW766	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:21:39	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	50	50	77	59	26.15	cps
Zirconium	90-1	200	167	267	211	24.12	cps
Zirconium	91-1	58	92	75	75	22.22	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120766BS	Instrumnet Name :	P7
Client Sample ID :	LCS766	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:25:15	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1483	1400	1442	1442	2.89	cps
Antimony	121-1	8786	8294	8253	8445	3.51	cps
Arsenic	75-1	349	960	621	644	47.54	cps
Barium	135-1	12398	12331	12423	12384	0.38	cps
Barium	137-1	21843	21359	21685	21629	1.14	cps
Beryllium	9-1	1713	1753	1807	1758	2.66	cps
Bismuth	209-1	2245527	2245825	2243138	2244830	0.07	cps
Bismuth	209-2	1400349	1400933	1410973	1404085	0.43	cps
Boron	10-1	7544	7544	7861	7649	2.39	cps
Boron	11-1	33897	33672	34114	33894	0.65	cps
Cadmium	111-1	1977	2037	1943	1986	2.39	cps
Cadmium	106-1	1267	1367	1250	1295	4.87	cps
Cadmium	108-1	92	88	75	85	10.24	cps
Calcium	43-1	8936	9120	9520	9192	3.25	cps
Calcium	44-1	152117	157017	155543	154892	1.62	cps
Chromium	52-2	3510	3574	3611	3565	1.42	cps
Cobalt	59-2	2280	2340	2334	2318	1.42	cps
Copper	63-2	3019	2809	3022	2950	4.14	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	17	8	19	65.48	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	17	0	0	6	173.21	cps
Gadolinium	160-2	47	30	70	49	41.10	cps
Holmium	165-1	3379688	3439611	3436588	3418629	0.99	cps
Holmium	165-2	1957513	1960888	1986589	1968330	0.81	cps
Indium	115-1	2243505	2239783	2236815	2240034	0.15	cps
Indium	115-2	501937	507042	512416	507132	1.03	cps
Iron	56-2	303555	304672	303512	303913	0.22	cps
Iron	57-2	7624	7774	7458	7619	2.08	cps
Krypton	83-1	83	83	50	72	26.65	cps
Lead	206-1	4340	4768	4723	4610	5.10	cps
Lead	207-1	4040	4112	3712	3954	5.39	cps
Lead	208-1	17755	18200	18011	17989	1.24	cps
Lithium	6-1	1446725	1458388	1460364	1455159	0.51	cps
Magnesium	24-2	82921	83801	86038	84253	1.91	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : PB120766BS Instrumnet Name : P7
 Client Sample ID : LCS766 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 15:25:15 DataFile Name : 019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1067	1083	1220	1123	7.49	cps
Molybdenum	94-1	9387	10054	9987	9809	3.75	cps
Molybdenum	95-1	13256	12706	12456	12806	3.20	cps
Molybdenum	96-1	13790	13549	13515	13618	1.10	cps
Molybdenum	97-1	7344	7644	7677	7555	2.43	cps
Molybdenum	98-1	20282	20265	19447	19998	2.39	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	620	627	587	611	3.51	cps
Phosphorus	31-2	242	242	183	222	15.16	cps
Potassium	39-2	75190	73834	74018	74348	0.99	cps
Rhodium	103-1	2069762	2056637	2059019	2061806	0.34	cps
Rhodium	103-2	1061144	1075553	1078258	1071651	0.86	cps
Scandium	45-1	1983993	1997454	1990161	1990536	0.34	cps
Scandium	45-2	93818	93110	92986	93305	0.48	cps
Selenium	77-2	23	27	30	27	12.51	cps
Selenium	78-2	94	107	96	99	7.05	cps
Selenium	82-1	572	544	564	560	2.60	cps
Silicon	28-1	89551	89307	91252	90037	1.18	cps
Silver	109-1	5551	5435	5643	5543	1.88	cps
Silver	107-1	6260	5610	5885	5918	5.52	cps
Sodium	23-2	162798	161687	164028	162838	0.72	cps
Strontium	86-1	1700	1684	1800	1728	3.65	cps
Strontium	88-1	14358	13649	14324	14110	2.84	cps
Sulfur	34-1	146984	147573	145471	146676	0.74	cps
Terbium	159-1	3518695	3572387	3585282	3558788	0.99	cps
Terbium	159-2	1946400	1941460	1953717	1947192	0.32	cps
Thallium	203-1	5076	5460	5751	5429	6.24	cps
Thallium	205-1	12431	13023	12657	12704	2.35	cps
Thorium	232-1	20583	20528	20061	20391	1.41	cps
Tin	118-1	19506	19798	19339	19548	1.19	cps
Titanium	47-1	4384	4126	4317	4276	3.14	cps
Uranium	238-1	19365	20092	19032	19496	2.78	cps
Vanadium	51-2	7155	7175	7305	7212	1.13	cps
Yttrium	89-1	2703031	2695543	2683504	2694026	0.37	cps
Yttrium	89-2	424015	425052	428216	425761	0.51	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120766BS	Instrumnet Name :	P7
Client Sample ID :	LCS766	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:25:15	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	573	587	583	581	1.19	cps
Zirconium	90-1	8803	8603	8695	8700	1.15	cps
Zirconium	91-1	1934	1809	1884	1875	3.36	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : PB120836BL Instrumnet Name : P7
 Client Sample ID : PBW836 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 15:28:51 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	33	36	13.33	cps
Antimony	121-1	33	50	50	44	21.66	cps
Arsenic	75-1	-160	-26	-160	-115	-66.94	cps
Barium	135-1	8	0	8	6	86.60	cps
Barium	137-1	8	17	33	19	65.47	cps
Beryllium	9-1	73	53	53	60	19.25	cps
Bismuth	209-1	2231655	2209704	2189211	2210190	0.96	cps
Bismuth	209-2	1362091	1384353	1386599	1377681	0.98	cps
Boron	10-1	1042	1017	1208	1089	9.57	cps
Boron	11-1	4576	4376	4551	4501	2.42	cps
Cadmium	111-1	768	718	666	717	7.09	cps
Cadmium	106-1	1092	1025	958	1025	6.50	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	75	92	25	64	54.31	cps
Calcium	44-1	1925	1909	1909	1914	0.50	cps
Chromium	52-2	247	243	190	227	14.03	cps
Cobalt	59-2	13	10	7	10	33.30	cps
Copper	63-2	150	163	150	154	4.99	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	20	10	7	12	56.76	cps
Gadolinium	160-1	0	8	8	6	86.60	cps
Gadolinium	160-2	40	37	47	41	12.39	cps
Holmium	165-1	3401744	3419267	3394009	3405007	0.38	cps
Holmium	165-2	1928046	1939942	1952338	1940109	0.63	cps
Indium	115-1	2237267	2225022	2206705	2222998	0.69	cps
Indium	115-2	494527	503333	503985	500615	1.06	cps
Iron	56-2	1195	1167	1106	1156	3.94	cps
Iron	57-2	72	17	22	37	82.61	cps
Krypton	83-1	33	83	50	56	45.83	cps
Lead	206-1	233	206	200	213	8.38	cps
Lead	207-1	178	200	183	187	6.18	cps
Lead	208-1	839	722	861	807	9.24	cps
Lithium	6-1	1449267	1435340	1439317	1441308	0.50	cps
Magnesium	24-2	150	108	117	125	17.64	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : PB120836BL Instrumnet Name : P7
 Client Sample ID : PBW836 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 15:28:51 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	13	33	22	45.83	cps
Molybdenum	94-1	108	92	92	97	9.90	cps
Molybdenum	95-1	42	33	25	33	25.01	cps
Molybdenum	96-1	25	92	50	56	60.62	cps
Molybdenum	97-1	25	42	17	28	45.82	cps
Molybdenum	98-1	58	92	83	78	22.30	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	30	33	26	41.94	cps
Phosphorus	31-2	25	25	50	33	43.30	cps
Potassium	39-2	5326	5251	5601	5393	3.42	cps
Rhodium	103-1	2049766	2042855	2042832	2045151	0.20	cps
Rhodium	103-2	1041045	1060468	1070585	1057366	1.42	cps
Scandium	45-1	1994797	1972917	1955682	1974465	0.99	cps
Scandium	45-2	90451	92335	91843	91543	1.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	22	15	15	49.99	cps
Selenium	82-1	61	-2	41	33	95.84	cps
Silicon	28-1	52075	51314	52802	52064	1.43	cps
Silver	109-1	33	25	58	39	44.61	cps
Silver	107-1	33	25	58	39	44.62	cps
Sodium	23-2	3417	3300	2917	3212	8.15	cps
Strontium	86-1	142	142	100	128	18.83	cps
Strontium	88-1	75	33	92	67	45.07	cps
Sulfur	34-1	153449	151892	152749	152697	0.51	cps
Terbium	159-1	3510212	3526899	3516730	3517947	0.24	cps
Terbium	159-2	1901615	1926965	1933406	1920662	0.88	cps
Thallium	203-1	83	142	92	106	29.89	cps
Thallium	205-1	200	242	133	192	28.51	cps
Thorium	232-1	128	128	100	119	13.53	cps
Tin	118-1	125	158	150	144	12.01	cps
Titanium	47-1	42	33	33	36	13.33	cps
Uranium	238-1	8	17	8	11	43.34	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	2667076	2663364	2660859	2663766	0.12	cps
Yttrium	89-2	415556	420232	423391	419727	0.94	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120836BL	Instrumnet Name :	P7
Client Sample ID :	PBW836	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:28:51	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60	73	57	63	13.92	cps
Zirconium	90-1	258	283	208	250	15.28	cps
Zirconium	91-1	33	42	33	36	13.33	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120836BS	Instrumnet Name :	P7
Client Sample ID :	LCS836	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:32:27	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1425	1650	1542	1539	7.31	cps
Antimony	121-1	8845	8628	8253	8575	3.49	cps
Arsenic	75-1	893	564	1106	854	31.99	cps
Barium	135-1	12589	12289	12523	12467	1.26	cps
Barium	137-1	21968	22185	21935	22029	0.62	cps
Beryllium	9-1	1680	1750	1690	1707	2.22	cps
Bismuth	209-1	2246936	2208644	2225679	2227086	0.86	cps
Bismuth	209-2	1384193	1402008	1397320	1394507	0.66	cps
Boron	10-1	8336	7811	8278	8141	3.54	cps
Boron	11-1	34599	33947	36044	34863	3.08	cps
Cadmium	111-1	2177	1969	2011	2052	5.36	cps
Cadmium	106-1	1383	1083	1233	1233	12.16	cps
Cadmium	108-1	113	133	88	111	20.66	cps
Calcium	43-1	10146	9395	9203	9581	5.20	cps
Calcium	44-1	161734	160067	159754	160518	0.66	cps
Chromium	52-2	3667	3744	3627	3679	1.61	cps
Cobalt	59-2	2180	2380	2477	2346	6.45	cps
Copper	63-2	3149	3012	3088	3083	2.23	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	25	8	8	14	69.31	cps
Gadolinium	160-2	47	37	50	44	15.61	cps
Holmium	165-1	3432272	3389387	3409147	3410268	0.63	cps
Holmium	165-2	1961766	1966765	1971183	1966571	0.24	cps
Indium	115-1	2276456	2203480	2225249	2235062	1.68	cps
Indium	115-2	503596	506475	510717	506929	0.71	cps
Iron	56-2	325599	328843	326167	326870	0.53	cps
Iron	57-2	8392	8114	8319	8275	1.74	cps
Krypton	83-1	50	77	63	63	21.06	cps
Lead	206-1	4790	4306	4718	4605	5.66	cps
Lead	207-1	3956	3967	3812	3912	2.22	cps
Lead	208-1	18422	17772	17772	17989	2.09	cps
Lithium	6-1	1473238	1451282	1472097	1465539	0.84	cps
Magnesium	24-2	85326	87329	88351	87002	1.77	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : PB120836BS Instrumnet Name : P7
 Client Sample ID : LCS836 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 15:32:27 DataFile Name : 021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1190	1017	1097	1101	7.88	cps
Molybdenum	94-1	10754	9904	10262	10307	4.14	cps
Molybdenum	95-1	12364	12422	13182	12656	3.60	cps
Molybdenum	96-1	14024	14424	13649	14032	2.76	cps
Molybdenum	97-1	8153	8028	8128	8103	0.82	cps
Molybdenum	98-1	21049	20849	20682	20860	0.88	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	603	653	717	658	8.64	cps
Phosphorus	31-2	208	217	250	225	9.80	cps
Potassium	39-2	75082	75644	75375	75367	0.37	cps
Rhodium	103-1	2078714	2057166	2047531	2061137	0.77	cps
Rhodium	103-2	1070944	1079375	1078395	1076238	0.43	cps
Scandium	45-1	2010298	1976555	2007407	1998087	0.94	cps
Scandium	45-2	94321	94109	94257	94229	0.12	cps
Selenium	77-2	20	30	27	26	19.92	cps
Selenium	78-2	91	131	100	107	19.88	cps
Selenium	82-1	667	573	586	609	8.41	cps
Silicon	28-1	92225	93467	92066	92586	0.83	cps
Silver	109-1	5551	5776	5243	5524	4.85	cps
Silver	107-1	6018	5818	5651	5829	3.15	cps
Sodium	23-2	166817	165578	168478	166958	0.87	cps
Strontium	86-1	1834	1950	1834	1872	3.60	cps
Strontium	88-1	14241	14124	14566	14310	1.60	cps
Sulfur	34-1	153037	152885	148953	151625	1.53	cps
Terbium	159-1	3526001	3502952	3558453	3529135	0.79	cps
Terbium	159-2	1932029	1940461	1945878	1939456	0.36	cps
Thallium	203-1	5560	4918	5160	5212	6.22	cps
Thallium	205-1	12373	12014	12173	12187	1.47	cps
Thorium	232-1	20172	20617	19832	20207	1.95	cps
Tin	118-1	20499	19806	20583	20296	2.10	cps
Titanium	47-1	4368	4017	4176	4187	4.19	cps
Uranium	238-1	20609	19657	19774	20014	2.59	cps
Vanadium	51-2	7389	7329	7559	7425	1.61	cps
Yttrium	89-1	2735235	2653229	2669604	2686022	1.62	cps
Yttrium	89-2	426336	430731	426346	427804	0.59	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120836BS	Instrumnet Name :	P7
Client Sample ID :	LCS836	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:32:27	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	547	567	707	607	14.37	cps
Zirconium	90-1	9362	8728	8978	9023	3.54	cps
Zirconium	91-1	1859	1867	1775	1834	2.76	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3275-22	Instrumnet Name :	P7
Client Sample ID :	MBE5A4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:36:04	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	292	200	272	23.78	cps
Antimony	121-1	167	142	133	147	11.79	cps
Arsenic	75-1	1682	2017	2008	1902	10.03	cps
Barium	135-1	169925	167809	165804	167846	1.23	cps
Barium	137-1	291700	287445	287217	288787	0.87	cps
Beryllium	9-1	33	50	57	47	25.76	cps
Bismuth	209-1	2469681	2501709	2465276	2478889	0.80	cps
Bismuth	209-2	1469025	1472137	1474139	1471767	0.18	cps
Boron	10-1	43405	44826	44935	44389	1.92	cps
Boron	11-1	188258	189805	193083	190382	1.29	cps
Cadmium	111-1	920	689	803	804	14.33	cps
Cadmium	106-1	1258	975	1133	1122	12.65	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	583031	583747	564326	577035	1.91	cps
Calcium	44-1	9532308	9470595	9330712	9444538	1.09	cps
Chromium	52-2	240	220	247	236	5.89	cps
Cobalt	59-2	113	130	140	128	10.54	cps
Copper	63-2	3818	3767	3981	3855	2.89	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	0	8	42	17	132.30	cps
Erbium	164-2	17	20	3	13	66.16	cps
Gadolinium	160-1	25	8	8	14	69.31	cps
Gadolinium	160-2	43	50	40	44	11.46	cps
Holmium	165-1	3831475	3784439	3791454	3802456	0.67	cps
Holmium	165-2	2099455	2098092	2100857	2099468	0.07	cps
Indium	115-1	2445869	2397062	2378605	2407179	1.44	cps
Indium	115-2	520829	528390	523606	524275	0.73	cps
Iron	56-2	9671	8847	8747	9089	5.58	cps
Iron	57-2	3362	3384	3445	3397	1.27	cps
Krypton	83-1	117	70	83	90	26.71	cps
Lead	206-1	7625	7413	7513	7517	1.41	cps
Lead	207-1	6596	6257	6863	6572	4.62	cps
Lead	208-1	30181	28702	29997	29627	2.72	cps
Lithium	6-1	1596047	1566891	1553996	1572311	1.37	cps
Magnesium	24-2	1726642	1733640	1731456	1730579	0.21	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3275-22	Instrumnet Name :	P7
Client Sample ID :	MBE5A4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:36:04	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5151	5104	5148	5134	0.51	cps
Molybdenum	94-1	317	450	358	375	18.19	cps
Molybdenum	95-1	442	525	483	483	8.62	cps
Molybdenum	96-1	567	550	492	536	7.35	cps
Molybdenum	97-1	250	342	392	328	21.92	cps
Molybdenum	98-1	792	683	617	697	12.67	cps
Neodymium	150-1	7	33	0	13	132.27	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	417	480	590	496	17.70	cps
Phosphorus	31-2	133	125	75	111	28.40	cps
Potassium	39-2	111609	111920	110325	111285	0.76	cps
Rhodium	103-1	2202621	2155419	2141550	2166530	1.48	cps
Rhodium	103-2	1082358	1092491	1087449	1087433	0.47	cps
Scandium	45-1	2133585	2113621	2068998	2105401	1.57	cps
Scandium	45-2	96384	95133	94543	95353	0.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	19	15	15	18.35	cps
Selenium	82-1	-18	28	9	6	363.04	cps
Silicon	28-1	20856037	20567308	20486389	20636578	0.94	cps
Silver	109-1	75	8	8	31	125.98	cps
Silver	107-1	67	58	67	64	7.53	cps
Sodium	23-2	2052111	2070918	2050300	2057777	0.55	cps
Strontium	86-1	990990	971262	962631	974961	1.49	cps
Strontium	88-1	8586098	8614223	8494616	8564979	0.73	cps
Sulfur	34-1	317346	312600	308686	312877	1.39	cps
Terbium	159-1	3923162	3928366	3929753	3927094	0.09	cps
Terbium	159-2	2045435	2073767	2076986	2065396	0.84	cps
Thallium	203-1	192	67	108	122	52.08	cps
Thallium	205-1	433	258	367	353	25.04	cps
Thorium	232-1	72	133	72	93	38.11	cps
Tin	118-1	167	225	250	214	19.99	cps
Titanium	47-1	450	433	417	433	3.85	cps
Uranium	238-1	24450	23614	22479	23514	4.21	cps
Vanadium	51-2	4934	4968	4921	4941	0.49	cps
Yttrium	89-1	2933298	2926020	2898643	2919320	0.63	cps
Yttrium	89-2	438061	440019	440235	439438	0.27	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3275-22	Instrumnet Name :	P7
Client Sample ID :	MBE5A4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:36:04	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2967	2980	3130	3026	3.00	cps
Zirconium	90-1	300	258	317	292	10.30	cps
Zirconium	91-1	50	50	50	50	0.00	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:39:41	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78381	79837	80919	79712	1.60	cps
Antimony	121-1	17804	18162	18304	18090	1.43	cps
Arsenic	75-1	183824	185751	185257	184944	0.54	cps
Barium	135-1	588088	584189	580661	584313	0.64	cps
Barium	137-1	1011297	1012853	1003808	1009319	0.48	cps
Beryllium	9-1	1660	1677	1623	1653	1.65	cps
Bismuth	209-1	2211207	2184548	2185266	2193673	0.69	cps
Bismuth	209-2	1346283	1361968	1387792	1365347	1.54	cps
Boron	10-1	2825	2784	2117	2575	15.44	cps
Boron	11-1	10929	10846	10779	10852	0.69	cps
Cadmium	111-1	2893	2928	2744	2855	3.42	cps
Cadmium	106-1	1092	1175	1217	1161	5.48	cps
Cadmium	108-1	192	171	142	168	14.94	cps
Calcium	43-1	27501	26416	26182	26700	2.64	cps
Calcium	44-1	437556	431358	438998	435970	0.93	cps
Chromium	52-2	1533	1590	1643	1589	3.46	cps
Cobalt	59-2	23118	24036	24374	23843	2.73	cps
Copper	63-2	278198	283943	288011	283384	1.74	cps
Dysprosium	156-1	10146	10388	10796	10443	3.15	cps
Dysprosium	156-2	5608	5805	5751	5721	1.78	cps
Erbium	164-1	10438	10338	10279	10352	0.77	cps
Erbium	164-2	5798	5511	5861	5724	3.26	cps
Gadolinium	160-1	8620	8586	8703	8636	0.70	cps
Gadolinium	160-2	5318	5671	5818	5602	4.59	cps
Holmium	165-1	3336331	3330285	3337965	3334860	0.12	cps
Holmium	165-2	1903312	1919494	1942958	1921921	1.04	cps
Indium	115-1	2130496	2113436	2103710	2115881	0.64	cps
Indium	115-2	478555	483778	488599	483644	1.04	cps
Iron	56-2	16268892	16531690	16699949	16500177	1.32	cps
Iron	57-2	399279	408442	418286	408669	2.33	cps
Krypton	83-1	73	90	87	83	10.59	cps
Lead	206-1	448998	440578	434225	441267	1.68	cps
Lead	207-1	374982	370757	373850	373196	0.59	cps
Lead	208-1	1741307	1715766	1705035	1720702	1.08	cps
Lithium	6-1	1335735	1336003	1332985	1334908	0.13	cps
Magnesium	24-2	40648	41091	41835	41191	1.46	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:39:41	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4380183	4436372	4490563	4435706	1.24	cps
Molybdenum	94-1	4384	4551	4318	4418	2.72	cps
Molybdenum	95-1	6727	7019	6660	6802	2.80	cps
Molybdenum	96-1	7877	7185	7994	7686	5.69	cps
Molybdenum	97-1	4643	4443	4384	4490	3.02	cps
Molybdenum	98-1	11322	11221	11297	11280	0.46	cps
Neodymium	150-1	12266	12106	12246	12206	0.71	cps
Neodymium	150-2	5671	5675	5331	5559	3.55	cps
Nickel	60-2	3074	3077	3290	3147	3.95	cps
Phosphorus	31-2	1900	2050	1925	1959	4.10	cps
Potassium	39-2	70954	72887	70794	71545	1.63	cps
Rhodium	103-1	1907111	1897889	1909095	1904698	0.31	cps
Rhodium	103-2	1012103	1027027	1030046	1023059	0.94	cps
Scandium	45-1	1837588	1826394	1831721	1831901	0.31	cps
Scandium	45-2	86823	89310	89482	88538	1.68	cps
Selenium	77-2	10	13	17	13	25.01	cps
Selenium	78-2	31	39	31	34	12.60	cps
Selenium	82-1	43	5	11	20	103.74	cps
Silicon	28-1	4110792	4145234	4152781	4136269	0.54	cps
Silver	109-1	56287	55493	56664	56148	1.07	cps
Silver	107-1	58521	57895	56848	57755	1.46	cps
Sodium	23-2	13490	13465	14065	13673	2.48	cps
Strontium	86-1	77619	76043	76169	76610	1.14	cps
Strontium	88-1	669423	659876	661668	663656	0.76	cps
Sulfur	34-1	139379	136562	140390	138777	1.43	cps
Terbium	159-1	3443722	3480985	3428635	3451114	0.78	cps
Terbium	159-2	1884699	1899281	1932153	1905378	1.28	cps
Thallium	203-1	8261	8795	8803	8620	3.60	cps
Thallium	205-1	20441	21476	20074	20664	3.52	cps
Thorium	232-1	157246	155278	154819	155781	0.83	cps
Tin	118-1	933	883	1017	945	7.13	cps
Titanium	47-1	12055	12397	11789	12080	2.53	cps
Uranium	238-1	120056	118425	117937	118806	0.93	cps
Vanadium	51-2	17861	18335	18515	18237	1.85	cps
Yttrium	89-1	2673487	2662957	2653334	2663259	0.38	cps
Yttrium	89-2	426112	431839	434651	430867	1.01	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:39:41	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	24447	24628	25135	24737	1.44	cps
Zirconium	90-1	1167	1258	1233	1220	3.89	cps
Zirconium	91-1	475	458	392	442	9.98	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	2
Date & Time Acquired ::	2019-06-24 15:43:17	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41859	41993	42587	42146	0.92	cps
Antimony	121-1	9829	9462	9479	9590	2.16	cps
Arsenic	75-1	102444	101497	101903	101948	0.47	cps
Barium	135-1	308223	308572	304937	307244	0.65	cps
Barium	137-1	527997	538553	526735	531095	1.22	cps
Beryllium	9-1	970	930	1047	982	6.04	cps
Bismuth	209-1	2204642	2145574	2264511	2204909	2.70	cps
Bismuth	209-2	1376663	1361485	1390137	1376095	1.04	cps
Boron	10-1	1483	1592	1483	1520	4.12	cps
Boron	11-1	6635	6327	6235	6399	3.28	cps
Cadmium	111-1	1842	1988	1759	1863	6.24	cps
Cadmium	106-1	1167	1383	1208	1253	9.18	cps
Cadmium	108-1	113	108	113	111	2.16	cps
Calcium	43-1	14483	14149	14332	14321	1.17	cps
Calcium	44-1	241540	234431	239814	238595	1.55	cps
Chromium	52-2	847	967	1047	953	10.56	cps
Cobalt	59-2	12979	12722	13033	12911	1.28	cps
Copper	63-2	150869	148802	151408	150360	0.91	cps
Dysprosium	156-1	5351	5685	5626	5554	3.21	cps
Dysprosium	156-2	3014	3137	2987	3046	2.63	cps
Erbium	164-1	5610	5410	5385	5468	2.26	cps
Erbium	164-2	2837	3077	3140	3018	5.30	cps
Gadolinium	160-1	4443	4242	4518	4401	3.23	cps
Gadolinium	160-2	3017	3004	2734	2918	5.48	cps
Holmium	165-1	3336010	3323019	3564692	3407907	3.99	cps
Holmium	165-2	1943763	1936164	1973817	1951248	1.02	cps
Indium	115-1	2183636	2145496	2266983	2198705	2.83	cps
Indium	115-2	500310	499294	502679	500761	0.35	cps
Iron	56-2	8776463	8674576	8685266	8712102	0.64	cps
Iron	57-2	219685	216782	218467	218311	0.67	cps
Krypton	83-1	97	73	60	77	24.21	cps
Lead	206-1	226130	227819	223344	225764	1.00	cps
Lead	207-1	193326	191100	188281	190903	1.32	cps
Lead	208-1	890207	884292	878352	884284	0.67	cps
Lithium	6-1	1411954	1390136	1458831	1420307	2.47	cps
Magnesium	24-2	21549	21224	22184	21652	2.25	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	2
Date & Time Acquired ::	2019-06-24 15:43:17	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2338166	2314564	2331867	2328199	0.52	cps
Molybdenum	94-1	2159	2500	2350	2336	7.33	cps
Molybdenum	95-1	3717	4059	3867	3881	4.41	cps
Molybdenum	96-1	4117	4184	4251	4184	1.59	cps
Molybdenum	97-1	2292	2325	2367	2328	1.61	cps
Molybdenum	98-1	5693	5876	6026	5865	2.85	cps
Neodymium	150-1	7015	6735	6602	6784	3.11	cps
Neodymium	150-2	3024	2820	2897	2914	3.52	cps
Nickel	60-2	1520	1737	1690	1649	6.92	cps
Phosphorus	31-2	1075	1100	1342	1172	12.56	cps
Potassium	39-2	40799	40105	40197	40367	0.93	cps
Rhodium	103-1	2018409	1947386	2083007	2016267	3.36	cps
Rhodium	103-2	1055767	1060593	1066145	1060835	0.49	cps
Scandium	45-1	1938093	1890690	2004420	1944401	2.94	cps
Scandium	45-2	92849	91131	92812	92264	1.06	cps
Selenium	77-2	13	23	10	16	44.60	cps
Selenium	78-2	31	17	28	25	30.45	cps
Selenium	82-1	3	28	41	24	79.60	cps
Silicon	28-1	2232289	2229067	2225812	2229056	0.15	cps
Silver	109-1	30325	29640	30024	29996	1.14	cps
Silver	107-1	31411	30676	31227	31104	1.23	cps
Sodium	23-2	10896	11046	11013	10985	0.72	cps
Strontium	86-1	42096	42138	41160	41798	1.32	cps
Strontium	88-1	355859	355565	356524	355983	0.14	cps
Sulfur	34-1	134763	134242	131089	133364	1.49	cps
Terbium	159-1	3479988	3425100	3674798	3526628	3.72	cps
Terbium	159-2	1922824	1933233	1946771	1934276	0.62	cps
Thallium	203-1	4076	4584	4418	4359	5.95	cps
Thallium	205-1	11439	10846	10463	10916	4.50	cps
Thorium	232-1	78768	77800	78231	78266	0.62	cps
Tin	118-1	683	658	683	675	2.14	cps
Titanium	47-1	6260	6735	6485	6493	3.66	cps
Uranium	238-1	61154	60678	59330	60387	1.57	cps
Vanadium	51-2	10097	9730	9803	9877	1.97	cps
Yttrium	89-1	2702822	2629595	2863134	2731850	4.37	cps
Yttrium	89-2	437613	431374	436944	435310	0.79	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	2
Date & Time Acquired ::	2019-06-24 15:43:17	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13003	12879	13123	13001	0.94	cps
Zirconium	90-1	842	717	775	778	8.04	cps
Zirconium	91-1	283	183	258	242	21.54	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19DL2X10	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	10
Date & Time Acquired ::	2019-06-24 15:46:54	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8228	8519	8553	8433	2.12	cps
Antimony	121-1	1909	1959	1900	1922	1.64	cps
Arsenic	75-1	20462	21032	20118	20537	2.25	cps
Barium	135-1	61889	61697	60274	61286	1.44	cps
Barium	137-1	107859	105810	106674	106781	0.96	cps
Beryllium	9-1	160	243	240	214	22.00	cps
Bismuth	209-1	2232092	2208991	2200337	2213806	0.74	cps
Bismuth	209-2	1375510	1393068	1393747	1387442	0.75	cps
Boron	10-1	958	1108	925	997	9.79	cps
Boron	11-1	4092	3576	3551	3739	8.18	cps
Cadmium	111-1	978	916	845	913	7.31	cps
Cadmium	106-1	1058	1083	992	1045	4.54	cps
Cadmium	108-1	13	25	29	22	39.04	cps
Calcium	43-1	3009	3000	2717	2909	5.71	cps
Calcium	44-1	50045	49910	48856	49604	1.31	cps
Chromium	52-2	383	420	393	399	4.75	cps
Cobalt	59-2	2520	2584	2477	2527	2.12	cps
Copper	63-2	29807	31012	31053	30624	2.31	cps
Dysprosium	156-1	1108	1025	1267	1133	10.83	cps
Dysprosium	156-2	583	583	583	583	0.00	cps
Erbium	164-1	1183	1083	950	1072	10.92	cps
Erbium	164-2	620	577	567	588	4.82	cps
Gadolinium	160-1	1025	792	900	906	12.90	cps
Gadolinium	160-2	633	543	573	583	7.86	cps
Holmium	165-1	3425633	3401135	3446944	3424571	0.67	cps
Holmium	165-2	1945734	1978654	1971488	1965292	0.88	cps
Indium	115-1	2267567	2221979	2215086	2234877	1.28	cps
Indium	115-2	505002	505080	508188	506090	0.36	cps
Iron	56-2	1738146	1760372	1764708	1754409	0.81	cps
Iron	57-2	44050	45850	44156	44685	2.26	cps
Krypton	83-1	53	80	80	71	21.65	cps
Lead	206-1	45539	45015	44815	45123	0.83	cps
Lead	207-1	38150	38250	37604	38001	0.92	cps
Lead	208-1	177806	176403	176456	176888	0.45	cps
Lithium	6-1	1463645	1448187	1438892	1450241	0.86	cps
Magnesium	24-2	4259	4384	4067	4237	3.77	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19DL2X10	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	10
Date & Time Acquired ::	2019-06-24 15:46:54	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	473584	480080	477702	477122	0.69	cps
Molybdenum	94-1	608	458	592	553	14.87	cps
Molybdenum	95-1	900	800	742	814	9.84	cps
Molybdenum	96-1	742	983	1000	908	15.92	cps
Molybdenum	97-1	417	525	508	483	12.07	cps
Molybdenum	98-1	1208	1258	1250	1239	2.16	cps
Neodymium	150-1	1320	1220	1453	1331	8.79	cps
Neodymium	150-2	603	620	470	564	14.57	cps
Nickel	60-2	337	330	383	350	8.30	cps
Phosphorus	31-2	175	275	217	222	22.60	cps
Potassium	39-2	12631	12522	12014	12389	2.66	cps
Rhodium	103-1	2095535	2032999	2031195	2053243	1.78	cps
Rhodium	103-2	1060341	1076576	1073661	1070192	0.81	cps
Scandium	45-1	2019462	1977601	1983898	1993654	1.13	cps
Scandium	45-2	93419	94751	95072	94414	0.93	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	13	17	15	15	12.52	cps
Selenium	82-1	38	10	16	21	68.24	cps
Silicon	28-1	504297	501276	499542	501705	0.48	cps
Silver	109-1	6143	5760	6010	5971	3.26	cps
Silver	107-1	5860	6418	6410	6229	5.14	cps
Sodium	23-2	5685	6385	5760	5943	6.47	cps
Strontium	86-1	8444	8411	8153	8336	1.92	cps
Strontium	88-1	72375	71872	71101	71783	0.89	cps
Sulfur	34-1	124163	121878	126517	124186	1.87	cps
Terbium	159-1	3586608	3543861	3542367	3557612	0.71	cps
Terbium	159-2	1917376	1946554	1952794	1938908	0.98	cps
Thallium	203-1	908	808	942	886	7.83	cps
Thallium	205-1	2092	2267	2434	2264	7.55	cps
Thorium	232-1	15994	15081	15493	15523	2.94	cps
Tin	118-1	275	367	325	322	14.24	cps
Titanium	47-1	1442	1100	1142	1228	15.18	cps
Uranium	238-1	12131	11956	11781	11956	1.47	cps
Vanadium	51-2	2057	2014	1817	1962	6.52	cps
Yttrium	89-1	2732133	2686365	2676504	2698334	1.10	cps
Yttrium	89-2	425927	432889	430199	429671	0.82	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3207-19DL2X10	Instrumnet Name :	P7
Client Sample ID :	MH0BD3	Dilution Factor :	10
Date & Time Acquired ::	2019-06-24 15:46:54	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2644	2727	2567	2646	3.03	cps
Zirconium	90-1	350	383	325	353	8.30	cps
Zirconium	91-1	75	67	58	67	12.49	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:51:59	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1369163	1386534	1380878	1378858	0.64	cps
Antimony	121-1	978059	966607	961489	968718	0.88	cps
Arsenic	75-1	214998	210164	204834	209999	2.42	cps
Barium	135-1	1400543	1350237	1348053	1366278	2.17	cps
Barium	137-1	2414898	2351057	2330535	2365497	1.86	cps
Beryllium	9-1	358976	349607	347348	351977	1.75	cps
Bismuth	209-1	1948858	1931505	1929188	1936517	0.56	cps
Bismuth	209-2	1144461	1142565	1146996	1144674	0.19	cps
Boron	10-1	64773	66204	65308	65428	1.11	cps
Boron	11-1	283665	278549	280048	280754	0.94	cps
Cadmium	111-1	292852	282065	281330	285416	2.26	cps
Cadmium	106-1	35069	33323	32772	33722	3.56	cps
Cadmium	108-1	23140	22493	22017	22550	2.50	cps
Calcium	43-1	1985511	1925759	1930373	1947214	1.71	cps
Calcium	44-1	33301301	32051439	32231246	32527995	2.08	cps
Chromium	52-2	335920	335347	339648	336972	0.69	cps
Cobalt	59-2	453773	454733	456137	454881	0.26	cps
Copper	63-2	591315	595668	596942	594642	0.50	cps
Dysprosium	156-1	75	67	33	58	37.80	cps
Dysprosium	156-2	30	13	13	19	50.96	cps
Erbium	164-1	0	17	8	8	100.02	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	8	50	25	28	75.51	cps
Gadolinium	160-2	50	33	50	44	21.66	cps
Holmium	165-1	3232480	3191978	3171878	3198779	0.96	cps
Holmium	165-2	1764756	1764688	1770956	1766800	0.20	cps
Indium	115-1	1911394	1866759	1849105	1875753	1.71	cps
Indium	115-2	406310	407816	406160	406762	0.23	cps
Iron	56-2	65172761	65467572	65324856	65321730	0.23	cps
Iron	57-2	1610920	1624341	1627469	1620910	0.54	cps
Krypton	83-1	67	37	70	58	31.77	cps
Lead	206-1	1009827	1006596	1000367	1005597	0.48	cps
Lead	207-1	914255	904200	901864	906773	0.73	cps
Lead	208-1	4070567	4027676	4004885	4034376	0.83	cps
Lithium	6-1	1260878	1220112	1212671	1231220	2.11	cps
Magnesium	24-2	16297490	16445309	16499344	16414048	0.64	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:51:59	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	412514	417502	420111	416709	0.93	cps
Molybdenum	94-1	2204382	2110599	2098530	2137837	2.71	cps
Molybdenum	95-1	2613790	2524184	2522589	2553521	2.04	cps
Molybdenum	96-1	3002441	2920786	2914956	2946061	1.66	cps
Molybdenum	97-1	1635585	1585253	1567099	1595979	2.22	cps
Molybdenum	98-1	4404017	4291608	4296932	4330852	1.46	cps
Neodymium	150-1	153	147	100	133	21.80	cps
Neodymium	150-2	23	20	13	19	26.96	cps
Nickel	60-2	108625	110106	108511	109081	0.82	cps
Phosphorus	31-2	14249	13673	13882	13935	2.09	cps
Potassium	39-2	7039259	7088876	7033038	7053725	0.43	cps
Rhodium	103-1	1637675	1575261	1576110	1596349	2.24	cps
Rhodium	103-2	817340	809632	814935	813969	0.48	cps
Scandium	45-1	1675549	1633738	1605569	1638285	2.15	cps
Scandium	45-2	75494	76329	75240	75688	0.75	cps
Selenium	77-2	1027	1033	1103	1054	4.03	cps
Selenium	78-2	3434	3436	3573	3481	2.29	cps
Selenium	82-1	22127	21628	21578	21778	1.39	cps
Silicon	28-1	989373	978714	978832	982306	0.62	cps
Silver	109-1	1176958	1146797	1135684	1153146	1.85	cps
Silver	107-1	1224019	1193710	1184255	1200661	1.73	cps
Sodium	23-2	33152833	33275118	33139075	33189009	0.23	cps
Strontium	86-1	368206	351681	355800	358562	2.40	cps
Strontium	88-1	3196855	3092624	3111581	3133687	1.77	cps
Sulfur	34-1	279246	270573	267238	272352	2.28	cps
Terbium	159-1	3305704	3251728	3258854	3272095	0.90	cps
Terbium	159-2	1737153	1730103	1719905	1729054	0.50	cps
Thallium	203-1	1234689	1230503	1220943	1228712	0.57	cps
Thallium	205-1	3028848	3011940	3024401	3021729	0.29	cps
Thorium	232-1	5326154	5262667	5288252	5292357	0.60	cps
Tin	118-1	866688	837676	844121	849495	1.79	cps
Titanium	47-1	896643	850690	858009	868447	2.84	cps
Uranium	238-1	4942140	4958046	4919149	4939778	0.40	cps
Vanadium	51-2	285377	286827	288062	286755	0.47	cps
Yttrium	89-1	2318705	2245583	2239174	2267821	1.95	cps
Yttrium	89-2	350071	352134	349386	350530	0.41	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:51:59	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	100714	101338	101929	101327	0.60	cps
Zirconium	90-1	1913559	1855304	1845277	1871380	1.97	cps
Zirconium	91-1	434785	419226	420220	424744	2.05	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:55:34	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	100	67	81	21.53	cps
Antimony	121-1	592	650	858	700	20.03	cps
Arsenic	75-1	-82	-132	-54	-89	-44.46	cps
Barium	135-1	108	92	92	97	9.90	cps
Barium	137-1	225	158	192	192	17.39	cps
Beryllium	9-1	90	150	127	122	24.75	cps
Bismuth	209-1	2156666	2132865	2112153	2133895	1.04	cps
Bismuth	209-2	1323516	1335006	1341371	1333298	0.68	cps
Boron	10-1	3125	3259	2900	3095	5.85	cps
Boron	11-1	14349	12756	13123	13409	6.22	cps
Cadmium	111-1	663	802	688	718	10.27	cps
Cadmium	106-1	908	1108	942	986	10.87	cps
Cadmium	108-1	8	17	0	8	100.02	cps
Calcium	43-1	167	83	142	131	32.75	cps
Calcium	44-1	4176	3667	3292	3712	11.95	cps
Chromium	52-2	260	250	223	244	7.75	cps
Cobalt	59-2	40	30	30	33	17.32	cps
Copper	63-2	257	217	207	227	11.67	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	0	8	3	173.21	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	17	17	0	11	86.60	cps
Gadolinium	160-2	40	43	30	38	18.36	cps
Holmium	165-1	3261890	3306068	3281918	3283292	0.67	cps
Holmium	165-2	1838967	1874146	1883881	1865665	1.27	cps
Indium	115-1	2108683	2097060	2058901	2088215	1.25	cps
Indium	115-2	474641	480101	478832	477858	0.60	cps
Iron	56-2	4673	4473	3990	4379	8.03	cps
Iron	57-2	122	100	206	143	39.03	cps
Krypton	83-1	67	73	77	72	7.05	cps
Lead	206-1	256	250	200	235	13.01	cps
Lead	207-1	228	233	217	226	3.76	cps
Lead	208-1	1033	978	850	954	9.86	cps
Lithium	6-1	1351339	1349542	1349388	1350090	0.08	cps
Magnesium	24-2	1042	692	642	792	27.53	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:55:34	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	33	27	31	12.36	cps
Molybdenum	94-1	567	458	450	492	13.24	cps
Molybdenum	95-1	800	542	633	658	19.89	cps
Molybdenum	96-1	692	658	558	636	10.91	cps
Molybdenum	97-1	333	325	392	350	10.38	cps
Molybdenum	98-1	933	1042	825	933	11.61	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	20	13	18	21.66	cps
Phosphorus	31-2	42	33	58	44	28.65	cps
Potassium	39-2	5435	5134	5243	5271	2.88	cps
Rhodium	103-1	1921715	1899685	1869042	1896814	1.39	cps
Rhodium	103-2	990687	1008296	1008608	1002530	1.02	cps
Scandium	45-1	1825826	1812514	1802365	1813568	0.65	cps
Scandium	45-2	86934	87520	86675	87043	0.50	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	17	7	19	14	41.92	cps
Selenium	82-1	23	17	17	19	19.56	cps
Silicon	28-1	51748	50862	50695	51102	1.11	cps
Silver	109-1	200	125	142	156	25.32	cps
Silver	107-1	125	208	183	172	24.83	cps
Sodium	23-2	10170	9720	9128	9673	5.40	cps
Strontium	86-1	100	175	125	133	28.64	cps
Strontium	88-1	267	217	283	256	13.58	cps
Sulfur	34-1	133451	131972	133274	132899	0.61	cps
Terbium	159-1	3385825	3405829	3356586	3382747	0.73	cps
Terbium	159-2	1819745	1854902	1848582	1841077	1.02	cps
Thallium	203-1	367	292	283	314	14.62	cps
Thallium	205-1	808	717	717	747	7.08	cps
Thorium	232-1	1061	972	967	1000	5.30	cps
Tin	118-1	375	342	467	394	16.41	cps
Titanium	47-1	133	100	75	103	28.48	cps
Uranium	238-1	425	408	225	353	31.46	cps
Vanadium	51-2	10	7	7	8	24.71	cps
Yttrium	89-1	2513518	2486160	2445861	2481847	1.37	cps
Yttrium	89-2	392801	397112	401918	397277	1.15	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:55:34	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	77	43	63	61	27.46	cps
Zirconium	90-1	442	425	317	394	17.21	cps
Zirconium	91-1	83	67	100	83	20.00	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:59:10	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	658	717	817	731	10.96	cps
Antimony	121-1	4318	4284	4334	4312	0.59	cps
Arsenic	75-1	194	438	285	305	40.43	cps
Barium	135-1	6535	5776	5952	6088	6.53	cps
Barium	137-1	10588	11038	10029	10552	4.79	cps
Beryllium	9-1	867	837	843	849	1.86	cps
Bismuth	209-1	2193529	2132623	2141403	2155852	1.53	cps
Bismuth	209-2	1341256	1344164	1342572	1342664	0.11	cps
Boron	10-1	4851	5026	4943	4940	1.77	cps
Boron	11-1	21099	21007	21433	21179	1.06	cps
Cadmium	111-1	1440	1298	1336	1358	5.41	cps
Cadmium	106-1	1208	1008	1033	1083	10.06	cps
Cadmium	108-1	50	58	42	50	16.66	cps
Calcium	43-1	4409	4493	4751	4551	3.92	cps
Calcium	44-1	77637	74680	73383	75233	2.90	cps
Chromium	52-2	1673	1863	1823	1787	5.61	cps
Cobalt	59-2	957	1117	1077	1050	7.93	cps
Copper	63-2	1429	1556	1496	1494	4.24	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	8	33	17	19	65.48	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	8	8	8	8	0.00	cps
Gadolinium	160-2	33	43	47	41	16.89	cps
Holmium	165-1	3355859	3306422	3303565	3321949	0.89	cps
Holmium	165-2	1887000	1890798	1885112	1887637	0.15	cps
Indium	115-1	2156357	2118426	2110287	2128357	1.16	cps
Indium	115-2	479026	481440	483973	481480	0.51	cps
Iron	56-2	36646	36312	35900	36286	1.03	cps
Iron	57-2	850	917	1045	937	10.55	cps
Krypton	83-1	67	40	83	63	34.51	cps
Lead	206-1	2328	2350	2356	2345	0.63	cps
Lead	207-1	2156	1984	1956	2032	5.33	cps
Lead	208-1	9418	9174	9279	9290	1.32	cps
Lithium	6-1	1426198	1397142	1404423	1409254	1.07	cps
Magnesium	24-2	42018	43673	40932	42208	3.27	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:59:10	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	583	540	603	576	5.63	cps
Molybdenum	94-1	4868	5034	4901	4934	1.79	cps
Molybdenum	95-1	6043	5901	5768	5904	2.33	cps
Molybdenum	96-1	6435	6869	6360	6555	4.19	cps
Molybdenum	97-1	4042	3701	3801	3848	4.57	cps
Molybdenum	98-1	10112	9637	9345	9698	3.99	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	310	313	287	303	4.79	cps
Phosphorus	31-2	83	133	133	117	24.74	cps
Potassium	39-2	39203	39178	39077	39153	0.17	cps
Rhodium	103-1	1992232	1931243	1922439	1948638	1.95	cps
Rhodium	103-2	1010510	1018945	1019271	1016242	0.49	cps
Scandium	45-1	1904895	1864141	1864745	1877927	1.24	cps
Scandium	45-2	88874	88308	88831	88671	0.36	cps
Selenium	77-2	17	13	10	13	25.01	cps
Selenium	78-2	67	31	57	52	35.18	cps
Selenium	82-1	307	319	250	292	12.68	cps
Silicon	28-1	67201	66365	66967	66844	0.65	cps
Silver	109-1	2850	2925	2992	2923	2.43	cps
Silver	107-1	3025	2750	2867	2881	4.79	cps
Sodium	23-2	84177	85226	83742	84382	0.90	cps
Strontium	86-1	950	783	950	895	10.76	cps
Strontium	88-1	6685	6744	6810	6746	0.93	cps
Sulfur	34-1	139281	136680	133847	136603	1.99	cps
Terbium	159-1	3479455	3423949	3416977	3440127	1.00	cps
Terbium	159-2	1853961	1875603	1862841	1864135	0.58	cps
Thallium	203-1	2842	2792	2434	2689	8.28	cps
Thallium	205-1	6577	6619	6602	6599	0.32	cps
Thorium	232-1	10699	10199	9860	10253	4.12	cps
Tin	118-1	9495	9787	9629	9637	1.52	cps
Titanium	47-1	2075	2150	2059	2095	2.33	cps
Uranium	238-1	9988	9813	9687	9829	1.53	cps
Vanadium	51-2	3707	3547	3577	3611	2.36	cps
Yttrium	89-1	2583620	2530016	2503536	2539057	1.61	cps
Yttrium	89-2	403431	402509	406351	404097	0.50	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 15:59:10	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	313	273	317	301	8.01	cps
Zirconium	90-1	4601	4284	4251	4379	4.41	cps
Zirconium	91-1	942	1017	908	956	5.81	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-01	Instrumnet Name :	P7
Client Sample ID :	MBE5B0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:02:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	200	242	214	11.25	cps
Antimony	121-1	300	283	400	328	19.25	cps
Arsenic	75-1	2737	2718	2792	2749	1.40	cps
Barium	135-1	52534	50944	50375	51284	2.18	cps
Barium	137-1	92836	90377	88221	90478	2.55	cps
Beryllium	9-1	70	50	40	53	28.64	cps
Bismuth	209-1	2762371	2766104	2680688	2736388	1.76	cps
Bismuth	209-2	1529636	1566511	1551026	1549057	1.20	cps
Boron	10-1	27317	26967	27660	27314	1.27	cps
Boron	11-1	120134	118076	118722	118977	0.88	cps
Cadmium	111-1	828	885	880	865	3.67	cps
Cadmium	106-1	1133	1175	1208	1172	3.21	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	601782	575158	561892	579611	3.50	cps
Calcium	44-1	9851486	9524930	9455403	9610607	2.20	cps
Chromium	52-2	397	300	313	337	15.56	cps
Cobalt	59-2	170	153	130	151	13.30	cps
Copper	63-2	1131	1287	1204	1207	6.45	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	50	33	8	31	68.64	cps
Erbium	164-2	13	7	23	14	58.06	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	47	47	73	56	27.71	cps
Holmium	165-1	4253104	4274397	4133444	4220315	1.80	cps
Holmium	165-2	2184814	2244814	2209269	2212966	1.36	cps
Indium	115-1	2697701	2721583	2517468	2645584	4.22	cps
Indium	115-2	546746	553603	552217	550855	0.66	cps
Iron	56-2	4084	5124	4468	4559	11.54	cps
Iron	57-2	3256	3534	3306	3365	4.40	cps
Krypton	83-1	37	60	87	61	40.94	cps
Lead	206-1	5512	5190	5107	5270	4.07	cps
Lead	207-1	4506	4212	4190	4303	4.11	cps
Lead	208-1	21035	19539	20007	20194	3.79	cps
Lithium	6-1	1754380	1739535	1685197	1726371	2.11	cps
Magnesium	24-2	2255076	2266417	2265108	2262200	0.27	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-01	Instrumnet Name :	P7
Client Sample ID :	MBE5B0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:02:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22184	22537	22017	22246	1.20	cps
Molybdenum	94-1	1067	1133	1258	1153	8.44	cps
Molybdenum	95-1	1909	1675	1617	1734	8.90	cps
Molybdenum	96-1	1992	1700	1834	1842	7.93	cps
Molybdenum	97-1	1058	1200	942	1067	12.13	cps
Molybdenum	98-1	2825	2900	2800	2842	1.83	cps
Neodymium	150-1	40	13	27	27	50.01	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	137	120	97	118	17.06	cps
Phosphorus	31-2	83	92	42	72	37.09	cps
Potassium	39-2	151187	152012	153637	152279	0.82	cps
Rhodium	103-1	2335021	2327689	2244647	2302452	2.18	cps
Rhodium	103-2	1131300	1145931	1137878	1138370	0.64	cps
Scandium	45-1	2297567	2271476	2199972	2256338	2.24	cps
Scandium	45-2	100619	102210	100400	101076	0.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	17	17	15	13.88	cps
Selenium	82-1	68	60	17	48	56.79	cps
Silicon	28-1	24477272	23716765	23062167	23752068	2.98	cps
Silver	109-1	133	225	217	192	26.45	cps
Silver	107-1	242	283	250	258	8.54	cps
Sodium	23-2	2807101	2828383	2874947	2836810	1.22	cps
Strontium	86-1	539016	524200	508113	523776	2.95	cps
Strontium	88-1	4740928	4600815	4530767	4624170	2.31	cps
Sulfur	34-1	407767	389894	382772	393478	3.27	cps
Terbium	159-1	4369692	4418498	4277624	4355271	1.64	cps
Terbium	159-2	2157020	2188786	2185668	2177158	0.80	cps
Thallium	203-1	467	358	383	403	14.08	cps
Thallium	205-1	1292	742	717	917	35.46	cps
Thorium	232-1	61	83	150	98	47.13	cps
Tin	118-1	400	392	492	428	12.97	cps
Titanium	47-1	375	433	483	431	12.59	cps
Uranium	238-1	28374	27940	27522	27945	1.52	cps
Vanadium	51-2	8413	8216	8122	8250	1.80	cps
Yttrium	89-1	3233349	3250096	3125902	3203116	2.10	cps
Yttrium	89-2	454924	464101	460420	459815	1.00	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-01	Instrumnet Name :	P7
Client Sample ID :	MBE5B0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:02:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6698	6738	6932	6789	1.84	cps
Zirconium	90-1	325	250	317	297	13.83	cps
Zirconium	91-1	75	92	25	64	54.31	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-02	Instrumnet Name :	P7
Client Sample ID :	MBE5A9	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:06:22	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	200	283	222	24.11	cps
Antimony	121-1	225	250	250	242	5.97	cps
Arsenic	75-1	4603	5386	5399	5130	8.89	cps
Barium	135-1	114234	113015	109277	112175	2.30	cps
Barium	137-1	201710	197536	193521	197589	2.07	cps
Beryllium	9-1	60	43	47	50	17.64	cps
Bismuth	209-1	2648639	2626065	2557055	2610586	1.83	cps
Bismuth	209-2	1505478	1505871	1509645	1506998	0.15	cps
Boron	10-1	48011	49791	48077	48626	2.08	cps
Boron	11-1	208543	210503	208773	209273	0.51	cps
Cadmium	111-1	902	760	847	836	8.54	cps
Cadmium	106-1	1242	1025	1167	1145	9.61	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Calcium	43-1	588030	579590	561464	576361	2.36	cps
Calcium	44-1	9642313	9582127	9415006	9546482	1.23	cps
Chromium	52-2	277	270	323	290	10.02	cps
Cobalt	59-2	83	117	100	100	16.67	cps
Copper	63-2	7620	7329	7703	7551	2.60	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	47	57	50	51	9.96	cps
Holmium	165-1	4081356	3973959	3891474	3982263	2.39	cps
Holmium	165-2	2159076	2132351	2138403	2143277	0.65	cps
Indium	115-1	2512916	2445903	2395961	2451593	2.39	cps
Indium	115-2	530735	530643	535083	532154	0.48	cps
Iron	56-2	14218	13790	14363	14124	2.11	cps
Iron	57-2	3467	3567	3667	3567	2.80	cps
Krypton	83-1	77	70	50	66	21.17	cps
Lead	206-1	18725	17779	17807	18104	2.97	cps
Lead	207-1	15087	15526	14998	15204	1.86	cps
Lead	208-1	71549	70346	68642	70179	2.08	cps
Lithium	6-1	1638687	1603755	1565852	1602765	2.27	cps
Magnesium	24-2	1718442	1699829	1725377	1714550	0.77	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-02	Instrumnet Name :	P7
Client Sample ID :	MBE5A9	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:06:22	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4374	4334	4364	4357	0.48	cps
Molybdenum	94-1	392	467	400	419	9.80	cps
Molybdenum	95-1	500	425	450	458	8.33	cps
Molybdenum	96-1	725	567	583	625	13.92	cps
Molybdenum	97-1	292	475	292	353	30.01	cps
Molybdenum	98-1	700	883	833	806	11.77	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	463	500	503	489	4.54	cps
Phosphorus	31-2	158	108	158	142	20.38	cps
Potassium	39-2	105498	106370	105196	105688	0.58	cps
Rhodium	103-1	2245038	2181948	2135444	2187477	2.51	cps
Rhodium	103-2	1100247	1103754	1098261	1100754	0.25	cps
Scandium	45-1	2145259	2097258	2047662	2096726	2.33	cps
Scandium	45-2	97079	96888	95707	96558	0.77	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	19	20	15	18	15.82	cps
Selenium	82-1	1	14	33	16	99.82	cps
Silicon	28-1	22354830	22166918	21697319	22073022	1.53	cps
Silver	109-1	350	483	450	428	16.22	cps
Silver	107-1	342	408	600	450	29.80	cps
Sodium	23-2	2164521	2149752	2149729	2154667	0.40	cps
Strontium	86-1	1044405	1030006	999826	1024746	2.22	cps
Strontium	88-1	9279907	9211278	8998971	9163385	1.60	cps
Sulfur	34-1	329794	325247	316913	323985	2.02	cps
Terbium	159-1	4171085	4137324	4028784	4112398	1.81	cps
Terbium	159-2	2099969	2105372	2099582	2101641	0.15	cps
Thallium	203-1	142	167	158	156	8.19	cps
Thallium	205-1	525	283	350	386	32.33	cps
Thorium	232-1	72	28	94	65	52.37	cps
Tin	118-1	158	283	300	247	31.32	cps
Titanium	47-1	583	383	475	481	20.83	cps
Uranium	238-1	26378	25493	24533	25468	3.62	cps
Vanadium	51-2	5141	5201	5258	5200	1.12	cps
Yttrium	89-1	3038853	2995744	2958708	2997768	1.34	cps
Yttrium	89-2	444165	443076	443004	443415	0.15	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-02	Instrumnet Name :	P7
Client Sample ID :	MBE5A9	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:06:22	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5391	5411	5348	5383	0.60	cps
Zirconium	90-1	233	242	292	256	12.34	cps
Zirconium	91-1	50	50	92	64	37.66	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-03	Instrumnet Name :	P7
Client Sample ID :	MBE5J9	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:09:58	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	92	150	139	30.79	cps
Antimony	121-1	167	208	250	208	20.00	cps
Arsenic	75-1	4760	4601	5190	4850	6.28	cps
Barium	135-1	684192	662969	654928	667363	2.27	cps
Barium	137-1	1195456	1159722	1133683	1162954	2.67	cps
Beryllium	9-1	53	77	33	54	39.84	cps
Bismuth	209-1	2640756	2535778	2539907	2572147	2.31	cps
Bismuth	209-2	1470771	1480190	1478379	1476447	0.34	cps
Boron	10-1	16126	15926	15417	15823	2.31	cps
Boron	11-1	68741	69586	68899	69076	0.65	cps
Cadmium	111-1	892	825	910	876	5.06	cps
Cadmium	106-1	1250	1142	1258	1217	5.35	cps
Cadmium	108-1	0	4	13	6	114.53	cps
Calcium	43-1	1941873	1880471	1840813	1887719	2.70	cps
Calcium	44-1	32429591	31406711	31215025	31683776	2.06	cps
Chromium	52-2	197	180	187	188	4.47	cps
Cobalt	59-2	163	187	113	154	24.26	cps
Copper	63-2	3596	3737	3890	3741	3.93	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	27	10	17	18	47.19	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	7	13	30	17	72.11	cps
Gadolinium	160-1	25	8	42	25	66.68	cps
Gadolinium	160-2	50	47	43	47	7.15	cps
Holmium	165-1	4101374	3967745	3972365	4013828	1.89	cps
Holmium	165-2	2144256	2135144	2134859	2138086	0.25	cps
Indium	115-1	2549844	2427327	2412282	2463151	3.06	cps
Indium	115-2	533778	527700	531612	531030	0.58	cps
Iron	56-2	3379	3345	2584	3103	14.50	cps
Iron	57-2	10610	10398	10660	10556	1.31	cps
Krypton	83-1	53	73	53	60	19.25	cps
Lead	206-1	10821	10171	10493	10495	3.10	cps
Lead	207-1	8798	8942	8764	8835	1.07	cps
Lead	208-1	41799	40965	41098	41287	1.09	cps
Lithium	6-1	1663999	1602223	1588281	1618168	2.49	cps
Magnesium	24-2	1648746	1637985	1639812	1642181	0.35	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-03	Instrumnet Name :	P7
Client Sample ID :	MBE5J9	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:09:58	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6115	6331	6088	6178	2.16	cps
Molybdenum	94-1	125	67	125	106	31.91	cps
Molybdenum	95-1	117	58	100	92	32.77	cps
Molybdenum	96-1	125	50	92	89	42.28	cps
Molybdenum	97-1	42	17	83	47	71.32	cps
Molybdenum	98-1	108	83	92	94	13.48	cps
Neodymium	150-1	87	73	73	78	9.89	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	137	107	130	124	12.66	cps
Phosphorus	31-2	125	150	125	133	10.82	cps
Potassium	39-2	121108	118664	119411	119727	1.05	cps
Rhodium	103-1	2263602	2161296	2116788	2180562	3.45	cps
Rhodium	103-2	1087075	1080897	1080018	1082663	0.36	cps
Scandium	45-1	2213109	2112636	2070442	2132062	3.44	cps
Scandium	45-2	97565	96069	96448	96694	0.80	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	13	7	17	12	37.75	cps
Selenium	82-1	92	100	78	90	12.48	cps
Silicon	28-1	26621303	26229450	25650171	26166975	1.87	cps
Silver	109-1	342	467	467	425	16.98	cps
Silver	107-1	400	500	525	475	13.93	cps
Sodium	23-2	3185759	3149554	3141404	3158905	0.75	cps
Strontium	86-1	333903	326964	322386	327751	1.77	cps
Strontium	88-1	2934335	2893407	2840487	2889409	1.63	cps
Sulfur	34-1	286581	278745	276058	280461	1.95	cps
Terbium	159-1	4233254	4074897	4070306	4126152	2.25	cps
Terbium	159-2	2123123	2092821	2103751	2106565	0.73	cps
Thallium	203-1	142	92	117	117	21.43	cps
Thallium	205-1	283	275	283	281	1.71	cps
Thorium	232-1	50	83	39	57	40.29	cps
Tin	118-1	375	250	300	308	20.41	cps
Titanium	47-1	433	592	417	481	20.10	cps
Uranium	238-1	49479	48384	46594	48152	3.02	cps
Vanadium	51-2	2987	3034	3097	3039	1.82	cps
Yttrium	89-1	3101802	2991211	2970262	3021091	2.34	cps
Yttrium	89-2	449427	440691	444456	444858	0.98	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-03	Instrumnet Name :	P7
Client Sample ID :	MBE5J9	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:09:58	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2017	2020	1997	2011	0.63	cps
Zirconium	90-1	325	367	308	333	9.01	cps
Zirconium	91-1	42	75	25	47	53.91	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-04	Instrumnet Name :	P7
Client Sample ID :	MBE5K0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:13:34	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	117	167	139	18.33	cps
Antimony	121-1	125	167	267	186	39.12	cps
Arsenic	75-1	7765	7313	7913	7664	4.08	cps
Barium	135-1	155554	151449	150372	152458	1.79	cps
Barium	137-1	268518	263726	263034	265092	1.13	cps
Beryllium	9-1	57	53	47	52	9.75	cps
Bismuth	209-1	2518373	2485247	2452399	2485339	1.33	cps
Bismuth	209-2	1447430	1457522	1449950	1451634	0.36	cps
Boron	10-1	188335	188184	192545	189688	1.30	cps
Boron	11-1	810970	810337	819393	813567	0.62	cps
Cadmium	111-1	696	819	803	773	8.68	cps
Cadmium	106-1	967	1167	1142	1092	9.98	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	656991	639476	635457	643975	1.78	cps
Calcium	44-1	10773179	10585969	10528800	10629316	1.20	cps
Chromium	52-2	2304	2314	2284	2300	0.66	cps
Cobalt	59-2	73	47	43	54	30.20	cps
Copper	63-2	2944	3005	2868	2939	2.32	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	8	25	25	19	49.50	cps
Gadolinium	160-2	37	47	33	39	17.85	cps
Holmium	165-1	3857493	3804299	3790547	3817447	0.93	cps
Holmium	165-2	2044746	2066878	2043940	2051855	0.63	cps
Indium	115-1	2376844	2326224	2298407	2333825	1.70	cps
Indium	115-2	509775	510620	504016	508137	0.71	cps
Iron	56-2	1956	1767	1417	1713	15.96	cps
Iron	57-2	3589	3623	3573	3595	0.71	cps
Krypton	83-1	60	57	80	66	19.25	cps
Lead	206-1	5023	5140	5096	5086	1.16	cps
Lead	207-1	4317	4306	4162	4262	2.04	cps
Lead	208-1	19962	19662	19806	19810	0.76	cps
Lithium	6-1	1521449	1503061	1494327	1506279	0.92	cps
Magnesium	24-2	1900367	1892345	1852744	1881819	1.35	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-04	Instrumnet Name :	P7
Client Sample ID :	MBE5K0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:13:34	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2550	2517	2444	2504	2.18	cps
Molybdenum	94-1	800	675	692	722	9.40	cps
Molybdenum	95-1	1025	1108	1275	1136	11.21	cps
Molybdenum	96-1	1208	1200	1225	1211	1.05	cps
Molybdenum	97-1	633	683	633	650	4.44	cps
Molybdenum	98-1	1625	1608	1742	1658	4.38	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	60	50	47	52	13.28	cps
Phosphorus	31-2	108	92	83	94	13.48	cps
Potassium	39-2	105674	104307	106547	105510	1.07	cps
Rhodium	103-1	2102051	2062414	2036737	2067067	1.59	cps
Rhodium	103-2	1049145	1053097	1039150	1047130	0.69	cps
Scandium	45-1	2008993	1967628	1959178	1978600	1.35	cps
Scandium	45-2	91467	91624	89900	90997	1.05	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	24	13	13	17	38.49	cps
Selenium	82-1	81	46	19	48	64.14	cps
Silicon	28-1	21480916	21130075	20901358	21170783	1.38	cps
Silver	109-1	325	275	425	342	22.36	cps
Silver	107-1	317	300	433	350	20.76	cps
Sodium	23-2	2244547	2222430	2188945	2218641	1.26	cps
Strontium	86-1	542795	524113	526890	531266	1.90	cps
Strontium	88-1	4747853	4696139	4660103	4701365	0.94	cps
Sulfur	34-1	266399	261888	259209	262499	1.38	cps
Terbium	159-1	3965678	3926391	3929646	3940571	0.55	cps
Terbium	159-2	2044926	2041952	2005622	2030833	1.08	cps
Thallium	203-1	50	92	42	61	43.83	cps
Thallium	205-1	158	175	133	156	13.48	cps
Thorium	232-1	39	56	67	54	26.03	cps
Tin	118-1	192	217	175	194	10.79	cps
Titanium	47-1	317	358	417	364	13.80	cps
Uranium	238-1	39629	39629	38918	39392	1.04	cps
Vanadium	51-2	3494	3367	3270	3377	3.32	cps
Yttrium	89-1	2865547	2829041	2803913	2832834	1.09	cps
Yttrium	89-2	424772	421951	418779	421834	0.71	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-04	Instrumnet Name :	P7
Client Sample ID :	MBE5K0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:13:34	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4721	4434	4304	4486	4.75	cps
Zirconium	90-1	325	258	258	281	13.72	cps
Zirconium	91-1	50	50	8	36	66.62	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-05	Instrumnet Name :	P7
Client Sample ID :	MBE5K1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:17:10	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	100	125	136	31.42	cps
Antimony	121-1	233	267	300	267	12.50	cps
Arsenic	75-1	7792	7995	8772	8186	6.32	cps
Barium	135-1	43946	41973	43135	43018	2.30	cps
Barium	137-1	78337	74542	74425	75768	2.94	cps
Beryllium	9-1	30	40	43	38	18.36	cps
Bismuth	209-1	2518101	2480557	2463539	2487399	1.12	cps
Bismuth	209-2	1418067	1421967	1430995	1423676	0.47	cps
Boron	10-1	92474	90236	92180	91630	1.33	cps
Boron	11-1	391690	384989	394353	390344	1.24	cps
Cadmium	111-1	673	697	747	706	5.31	cps
Cadmium	106-1	950	983	1067	1000	6.01	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	547897	531702	526759	535453	2.06	cps
Calcium	44-1	8956084	8738659	8699074	8797939	1.57	cps
Chromium	52-2	1183	1207	1337	1242	6.65	cps
Cobalt	59-2	73	67	43	61	25.78	cps
Copper	63-2	1046	1010	1155	1070	7.08	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	0	25	11	114.58	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	17	17	0	11	86.60	cps
Gadolinium	160-2	43	43	47	44	4.34	cps
Holmium	165-1	3864308	3768893	3741414	3791538	1.70	cps
Holmium	165-2	2026550	2020648	2043674	2030291	0.59	cps
Indium	115-1	2366429	2294315	2273240	2311328	2.11	cps
Indium	115-2	490053	496328	495543	493974	0.69	cps
Iron	56-2	3823	4006	3862	3897	2.48	cps
Iron	57-2	3256	3000	3028	3095	4.53	cps
Krypton	83-1	70	60	60	63	9.12	cps
Lead	206-1	3534	3473	3539	3515	1.05	cps
Lead	207-1	3067	2939	2945	2984	2.42	cps
Lead	208-1	14409	13859	13592	13953	2.99	cps
Lithium	6-1	1506426	1459715	1445880	1470673	2.16	cps
Magnesium	24-2	1842959	1834139	1846701	1841266	0.35	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-05	Instrumnet Name :	P7
Client Sample ID :	MBE5K1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:17:10	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	480	500	490	490	2.04	cps
Molybdenum	94-1	1258	1317	1208	1261	4.30	cps
Molybdenum	95-1	2084	1975	1909	1989	4.44	cps
Molybdenum	96-1	2359	2209	2009	2192	8.01	cps
Molybdenum	97-1	1200	1142	992	1111	9.67	cps
Molybdenum	98-1	3292	2984	3034	3103	5.33	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	377	317	347	347	8.66	cps
Phosphorus	31-2	33	92	25	50	72.65	cps
Potassium	39-2	112592	114127	115120	113946	1.12	cps
Rhodium	103-1	2099915	2035746	1996258	2043973	2.56	cps
Rhodium	103-2	1013972	1018051	1017921	1016648	0.23	cps
Scandium	45-1	2003469	1934040	1912830	1950113	2.43	cps
Scandium	45-2	88469	87734	88600	88268	0.53	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	9	15	13	12	22.89	cps
Selenium	82-1	34	46	47	42	17.87	cps
Silicon	28-1	21953374	21383372	21197520	21511422	1.83	cps
Silver	109-1	242	300	242	261	12.90	cps
Silver	107-1	333	350	325	336	3.79	cps
Sodium	23-2	2410666	2404551	2394483	2403233	0.34	cps
Strontium	86-1	1260679	1229081	1204294	1231351	2.30	cps
Strontium	88-1	11303885	11000962	10834499	11046449	2.15	cps
Sulfur	34-1	395891	380301	375641	383944	2.76	cps
Terbium	159-1	3965068	3885922	3828856	3893282	1.76	cps
Terbium	159-2	1989342	1989779	1996855	1991992	0.21	cps
Thallium	203-1	25	67	58	50	44.10	cps
Thallium	205-1	133	142	92	122	21.92	cps
Thorium	232-1	39	72	44	52	34.44	cps
Tin	118-1	242	217	150	203	23.37	cps
Titanium	47-1	383	425	400	403	5.21	cps
Uranium	238-1	61104	57195	57521	58607	3.70	cps
Vanadium	51-2	5214	5004	5381	5200	3.63	cps
Yttrium	89-1	2860877	2693476	2647815	2734056	4.10	cps
Yttrium	89-2	411397	412162	409405	410988	0.35	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-05	Instrumnet Name :	P7
Client Sample ID :	MBE5K1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:17:10	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2457	2500	2480	2479	0.87	cps
Zirconium	90-1	292	192	192	225	25.66	cps
Zirconium	91-1	67	25	58	50	44.10	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-06	Instrumnet Name :	P7
Client Sample ID :	MBE5K2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:20:46	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	117	133	108	27.74	cps
Antimony	121-1	150	175	150	158	9.12	cps
Arsenic	75-1	8264	8550	8774	8529	3.00	cps
Barium	135-1	32430	30426	29449	30768	4.94	cps
Barium	137-1	55512	54818	52785	54372	2.61	cps
Beryllium	9-1	50	63	53	56	12.49	cps
Bismuth	209-1	2473253	2433884	2321727	2409622	3.26	cps
Bismuth	209-2	1386957	1394493	1399598	1393682	0.46	cps
Boron	10-1	48997	47768	49223	48663	1.61	cps
Boron	11-1	215102	212004	213573	213560	0.73	cps
Cadmium	111-1	772	633	650	685	11.12	cps
Cadmium	106-1	1092	900	917	970	10.95	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	534302	525694	510195	523397	2.33	cps
Calcium	44-1	8724933	8604239	8368356	8565843	2.12	cps
Chromium	52-2	433	403	397	411	4.75	cps
Cobalt	59-2	50	63	53	56	12.49	cps
Copper	63-2	810	807	804	807	0.37	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	25	8	42	25	66.68	cps
Gadolinium	160-2	50	50	37	46	16.89	cps
Holmium	165-1	3795948	3701151	3626759	3707952	2.29	cps
Holmium	165-2	1971128	1977644	1984351	1977708	0.33	cps
Indium	115-1	2297804	2228182	2196162	2240716	2.32	cps
Indium	115-2	477472	482226	482338	480678	0.58	cps
Iron	56-2	2334	2500	2384	2406	3.56	cps
Iron	57-2	2761	2861	2906	2843	2.60	cps
Krypton	83-1	50	73	67	63	18.98	cps
Lead	206-1	3862	3617	3812	3764	3.43	cps
Lead	207-1	3428	3078	3062	3189	6.49	cps
Lead	208-1	15409	14220	14631	14754	4.09	cps
Lithium	6-1	1435498	1405273	1368667	1403146	2.39	cps
Magnesium	24-2	1871110	1863360	1864114	1866195	0.23	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-06	Instrumnet Name :	P7
Client Sample ID :	MBE5K2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:20:46	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	820	800	827	816	1.70	cps
Molybdenum	94-1	1058	1033	925	1006	7.05	cps
Molybdenum	95-1	1692	1742	1542	1658	6.28	cps
Molybdenum	96-1	1967	1967	1759	1897	6.34	cps
Molybdenum	97-1	1025	1058	1150	1078	6.01	cps
Molybdenum	98-1	2867	2784	2742	2798	2.27	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	93	70	83	14.43	cps
Phosphorus	31-2	75	75	25	58	49.49	cps
Potassium	39-2	108654	107949	108429	108344	0.33	cps
Rhodium	103-1	2022848	1966142	1923239	1970743	2.54	cps
Rhodium	103-2	983973	984504	984202	984226	0.03	cps
Scandium	45-1	1904330	1870865	1833044	1869413	1.91	cps
Scandium	45-2	83651	85260	83507	84139	1.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	7	13	13	42.85	cps
Selenium	82-1	31	18	1	17	89.61	cps
Silicon	28-1	21397185	21242226	20710448	21116620	1.71	cps
Silver	109-1	233	258	308	267	14.32	cps
Silver	107-1	242	367	208	272	30.66	cps
Sodium	23-2	2257267	2269778	2272527	2266524	0.36	cps
Strontium	86-1	1441431	1407304	1383694	1410810	2.06	cps
Strontium	88-1	12876168	12637289	12476045	12663167	1.59	cps
Sulfur	34-1	401723	396146	387547	395139	1.81	cps
Terbium	159-1	3861894	3806474	3771322	3813230	1.20	cps
Terbium	159-2	1935787	1958027	1956504	1950106	0.64	cps
Thallium	203-1	58	33	17	36	58.08	cps
Thallium	205-1	100	108	92	100	8.33	cps
Thorium	232-1	44	50	33	43	19.93	cps
Tin	118-1	192	225	242	219	11.60	cps
Titanium	47-1	383	383	408	392	3.69	cps
Uranium	238-1	63299	62252	60108	61886	2.63	cps
Vanadium	51-2	4231	4531	4631	4464	4.66	cps
Yttrium	89-1	2690618	2628343	2544333	2621098	2.80	cps
Yttrium	89-2	395901	399338	400170	398470	0.57	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-06	Instrumnet Name :	P7
Client Sample ID :	MBE5K2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:20:46	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2230	2314	2237	2260	2.05	cps
Zirconium	90-1	250	317	250	272	14.14	cps
Zirconium	91-1	50	92	42	61	43.83	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-07	Instrumnet Name :	P7
Client Sample ID :	MBE5K3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:24:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9645	9528	9070	9414	3.23	cps
Antimony	121-1	600	250	408	419	41.79	cps
Arsenic	75-1	7657	7440	6625	7240	7.51	cps
Barium	135-1	100151	98691	97826	98889	1.19	cps
Barium	137-1	177436	172129	173858	174474	1.55	cps
Beryllium	9-1	77	60	93	77	21.74	cps
Bismuth	209-1	2524940	2467015	2442458	2478137	1.71	cps
Bismuth	209-2	1409626	1412171	1409170	1410322	0.11	cps
Boron	10-1	161033	166244	162237	163171	1.67	cps
Boron	11-1	699773	704218	699745	701245	0.37	cps
Cadmium	111-1	1043	1047	1105	1065	3.27	cps
Cadmium	106-1	992	1033	975	1000	3.01	cps
Cadmium	108-1	67	38	21	42	55.69	cps
Calcium	43-1	1046992	1019860	1004943	1023932	2.08	cps
Calcium	44-1	17324396	17104722	16752158	17060425	1.69	cps
Chromium	52-2	993	903	897	931	5.80	cps
Cobalt	59-2	737	710	673	707	4.50	cps
Copper	63-2	2024	1968	2028	2007	1.68	cps
Dysprosium	156-1	417	467	408	431	7.33	cps
Dysprosium	156-2	250	180	190	207	18.32	cps
Erbium	164-1	400	450	383	411	8.44	cps
Erbium	164-2	187	150	197	178	13.82	cps
Gadolinium	160-1	417	458	383	419	8.96	cps
Gadolinium	160-2	323	303	320	316	3.40	cps
Holmium	165-1	3852203	3810776	3771627	3811536	1.06	cps
Holmium	165-2	2029121	2041557	2024423	2031701	0.44	cps
Indium	115-1	2322909	2249970	2218658	2263846	2.36	cps
Indium	115-2	486953	489830	484448	487077	0.55	cps
Iron	56-2	783091	781135	775685	779970	0.49	cps
Iron	57-2	25122	25723	24732	25192	1.98	cps
Krypton	83-1	73	37	50	53	34.80	cps
Lead	206-1	6118	5740	5796	5885	3.47	cps
Lead	207-1	5129	4762	4996	4962	3.74	cps
Lead	208-1	23959	22447	22675	23027	3.54	cps
Lithium	6-1	1435931	1401812	1377820	1405188	2.08	cps
Magnesium	24-2	1860425	1857545	1855004	1857658	0.15	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-07	Instrumnet Name :	P7
Client Sample ID :	MBE5K3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:24:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	135476	135833	135373	135561	0.18	cps
Molybdenum	94-1	850	800	867	839	4.14	cps
Molybdenum	95-1	900	750	1008	886	14.64	cps
Molybdenum	96-1	950	1108	933	997	9.69	cps
Molybdenum	97-1	508	458	542	503	8.34	cps
Molybdenum	98-1	1508	1375	1050	1311	17.98	cps
Neodymium	150-1	607	613	647	622	3.44	cps
Neodymium	150-2	267	287	257	270	5.66	cps
Nickel	60-2	913	873	970	919	5.29	cps
Phosphorus	31-2	275	283	175	244	24.66	cps
Potassium	39-2	159449	154883	155650	156661	1.56	cps
Rhodium	103-1	2035984	1978822	1940070	1984959	2.43	cps
Rhodium	103-2	993401	1003409	982924	993245	1.03	cps
Scandium	45-1	1903494	1868569	1820500	1864187	2.24	cps
Scandium	45-2	85421	85874	83993	85096	1.15	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	17	9	17	14	30.13	cps
Selenium	82-1	24	66	61	50	45.25	cps
Silicon	28-1	21433730	20906325	20532499	20957518	2.16	cps
Silver	109-1	250	275	300	275	9.09	cps
Silver	107-1	292	367	267	308	16.88	cps
Sodium	23-2	4512552	4485558	4442405	4480171	0.79	cps
Strontium	86-1	821689	794321	778278	798096	2.75	cps
Strontium	88-1	7254016	7086234	7045495	7128582	1.55	cps
Sulfur	34-1	345873	342896	336812	341861	1.35	cps
Terbium	159-1	3955510	3908157	3838830	3900832	1.50	cps
Terbium	159-2	1984621	2000118	1995908	1993549	0.40	cps
Thallium	203-1	58	108	67	78	34.44	cps
Thallium	205-1	125	142	117	128	9.96	cps
Thorium	232-1	1567	1400	1278	1415	10.25	cps
Tin	118-1	317	250	183	250	26.67	cps
Titanium	47-1	3584	3684	3067	3445	9.61	cps
Uranium	238-1	23940	23163	22629	23244	2.84	cps
Vanadium	51-2	8242	8416	8403	8354	1.16	cps
Yttrium	89-1	2702545	2625488	2595932	2641322	2.08	cps
Yttrium	89-2	403724	404421	401412	403186	0.39	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-07	Instrumnet Name :	P7
Client Sample ID :	MBE5K3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:24:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	45080	45374	44324	44926	1.21	cps
Zirconium	90-1	942	742	967	883	13.96	cps
Zirconium	91-1	192	175	133	167	18.03	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-08	Instrumnet Name :	P7
Client Sample ID :	MBE5K4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:27:59	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9612	9287	8845	9248	4.16	cps
Antimony	121-1	142	167	208	172	19.56	cps
Arsenic	75-1	5323	5640	5678	5547	3.51	cps
Barium	135-1	128194	124259	121511	124655	2.69	cps
Barium	137-1	224352	215047	210821	216740	3.19	cps
Beryllium	9-1	93	97	73	88	14.38	cps
Bismuth	209-1	2602400	2557995	2522616	2561004	1.56	cps
Bismuth	209-2	1443270	1439694	1455198	1446054	0.56	cps
Boron	10-1	180481	181293	179842	180539	0.40	cps
Boron	11-1	777742	770857	777090	775229	0.49	cps
Cadmium	111-1	746	668	650	688	7.40	cps
Cadmium	106-1	925	867	867	886	3.80	cps
Cadmium	108-1	8	8	21	12	57.75	cps
Calcium	43-1	809817	773858	763754	782476	3.09	cps
Calcium	44-1	13363576	12982938	12827906	13058140	2.11	cps
Chromium	52-2	12806	12622	12542	12657	1.07	cps
Cobalt	59-2	660	790	737	729	8.97	cps
Copper	63-2	3378	3486	3469	3445	1.68	cps
Dysprosium	156-1	867	883	892	881	1.45	cps
Dysprosium	156-2	403	373	403	393	4.40	cps
Erbium	164-1	783	817	717	772	6.59	cps
Erbium	164-2	417	340	387	381	10.14	cps
Gadolinium	160-1	833	767	742	781	6.07	cps
Gadolinium	160-2	533	440	467	480	10.02	cps
Holmium	165-1	3959551	3874783	3784316	3872883	2.26	cps
Holmium	165-2	2042483	2050835	2054896	2049405	0.31	cps
Indium	115-1	2340266	2265607	2224669	2276847	2.57	cps
Indium	115-2	485398	489351	490309	488352	0.53	cps
Iron	56-2	399814	393824	397278	396972	0.76	cps
Iron	57-2	13796	13634	14519	13983	3.37	cps
Krypton	83-1	63	93	40	66	40.79	cps
Lead	206-1	3167	3223	3389	3260	3.55	cps
Lead	207-1	2561	2628	2567	2586	1.43	cps
Lead	208-1	12058	12203	12180	12147	0.64	cps
Lithium	6-1	1446696	1397781	1377713	1407397	2.52	cps
Magnesium	24-2	1586988	1578188	1580326	1581834	0.29	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-08	Instrumnet Name :	P7
Client Sample ID :	MBE5K4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:27:59	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	304809	307240	306358	306136	0.40	cps
Molybdenum	94-1	842	633	650	708	16.35	cps
Molybdenum	95-1	750	775	733	753	2.79	cps
Molybdenum	96-1	1042	833	750	875	17.17	cps
Molybdenum	97-1	483	508	533	508	4.92	cps
Molybdenum	98-1	1275	1283	1258	1272	1.00	cps
Neodymium	150-1	1067	1067	1033	1056	1.82	cps
Neodymium	150-2	440	460	487	462	5.06	cps
Nickel	60-2	1227	1250	1397	1291	7.14	cps
Phosphorus	31-2	125	117	183	142	25.64	cps
Potassium	39-2	114036	114061	115766	114621	0.86	cps
Rhodium	103-1	2043810	1970885	1923464	1979386	3.06	cps
Rhodium	103-2	992274	995216	1000238	995909	0.40	cps
Scandium	45-1	1904290	1832500	1820863	1852551	2.44	cps
Scandium	45-2	83956	83983	85501	84480	1.05	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	9	13	19	14	34.32	cps
Selenium	82-1	21	-1	49	23	108.64	cps
Silicon	28-1	19753730	19315280	18965670	19344893	2.04	cps
Silver	109-1	200	192	192	194	2.47	cps
Silver	107-1	275	200	308	261	21.25	cps
Sodium	23-2	2123596	2103583	2125028	2117402	0.57	cps
Strontium	86-1	431976	415493	407216	418228	3.01	cps
Strontium	88-1	3760201	3700826	3624830	3695285	1.84	cps
Sulfur	34-1	237539	233010	229380	233310	1.75	cps
Terbium	159-1	4049056	3943390	3874667	3955704	2.22	cps
Terbium	159-2	2012211	2011515	2012726	2012151	0.03	cps
Thallium	203-1	83	33	50	56	45.83	cps
Thallium	205-1	117	150	175	147	19.88	cps
Thorium	232-1	3856	3867	3767	3830	1.43	cps
Tin	118-1	175	142	167	161	10.77	cps
Titanium	47-1	858	1083	1042	995	12.04	cps
Uranium	238-1	44461	42964	42705	43377	2.19	cps
Vanadium	51-2	3050	3227	2930	3069	4.86	cps
Yttrium	89-1	2713138	2628822	2577861	2639940	2.59	cps
Yttrium	89-2	402721	400858	402308	401962	0.24	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-08	Instrumnet Name :	P7
Client Sample ID :	MBE5K4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:27:59	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20084	19660	20001	19915	1.13	cps
Zirconium	90-1	617	533	583	578	7.26	cps
Zirconium	91-1	125	92	158	125	26.67	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-09	Instrumnet Name :	P7
Client Sample ID :	MBE5K5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:31:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683	667	742	697	5.65	cps
Antimony	121-1	1917	1725	2109	1917	10.00	cps
Arsenic	75-1	6052	6139	6219	6137	1.36	cps
Barium	135-1	26818	26852	25649	26440	2.59	cps
Barium	137-1	47307	46345	44890	46181	2.63	cps
Beryllium	9-1	13	30	33	26	41.94	cps
Bismuth	209-1	2314254	2286978	2249564	2283599	1.42	cps
Bismuth	209-2	1329057	1335448	1339722	1334742	0.40	cps
Boron	10-1	251203	254931	256107	254080	1.01	cps
Boron	11-1	1089242	1092828	1082435	1088168	0.49	cps
Cadmium	111-1	719	745	716	727	2.23	cps
Cadmium	106-1	992	1050	1000	1014	3.11	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	108613	105742	104282	106212	2.07	cps
Calcium	44-1	1701284	1677272	1646435	1674997	1.64	cps
Chromium	52-2	4664	5075	4621	4787	5.23	cps
Cobalt	59-2	123	137	160	140	13.25	cps
Copper	63-2	2429	2355	2296	2360	2.82	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	23	23	10	19	40.75	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	33	7	10	17	87.16	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	57	33	43	44	26.35	cps
Holmium	165-1	3594624	3577812	3497828	3556754	1.45	cps
Holmium	165-2	1874727	1883418	1895341	1884496	0.55	cps
Indium	115-1	2158031	2110581	2062167	2110260	2.27	cps
Indium	115-2	451271	454252	452173	452565	0.34	cps
Iron	56-2	37131	37810	36975	37305	1.19	cps
Iron	57-2	1539	1356	1411	1435	6.55	cps
Krypton	83-1	67	60	57	61	8.33	cps
Lead	206-1	583	667	656	635	7.12	cps
Lead	207-1	433	511	494	480	8.54	cps
Lead	208-1	2389	2439	2584	2471	4.09	cps
Lithium	6-1	1324185	1304391	1283070	1303882	1.58	cps
Magnesium	24-2	1184017	1184072	1179529	1182539	0.22	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-09	Instrumnet Name :	P7
Client Sample ID :	MBE5K5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:31:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	74812	74758	74420	74664	0.28	cps
Molybdenum	94-1	2525	2684	2459	2556	4.52	cps
Molybdenum	95-1	4192	4151	3817	4054	5.07	cps
Molybdenum	96-1	4351	4317	4459	4376	1.69	cps
Molybdenum	97-1	2534	2609	2484	2542	2.48	cps
Molybdenum	98-1	6810	7069	6885	6921	1.92	cps
Neodymium	150-1	33	20	7	20	66.65	cps
Neodymium	150-2	3	7	33	14	113.83	cps
Nickel	60-2	890	890	830	870	3.98	cps
Phosphorus	31-2	117	125	108	117	7.14	cps
Potassium	39-2	208857	209425	208148	208810	0.31	cps
Rhodium	103-1	1896557	1848195	1785759	1843504	3.01	cps
Rhodium	103-2	926926	929120	929086	928378	0.14	cps
Scandium	45-1	1764419	1739110	1697991	1733840	1.93	cps
Scandium	45-2	79271	78550	78312	78711	0.63	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	11	13	7	10	26.93	cps
Selenium	82-1	12	9	15	12	23.93	cps
Silicon	28-1	8961717	8819955	8623706	8801793	1.93	cps
Silver	109-1	117	150	125	131	13.29	cps
Silver	107-1	233	183	100	172	39.11	cps
Sodium	23-2	6859590	6843854	6844060	6849168	0.13	cps
Strontium	86-1	534977	523456	513240	523891	2.08	cps
Strontium	88-1	4752246	4688457	4598413	4679705	1.65	cps
Sulfur	34-1	236100	234077	229567	233248	1.43	cps
Terbium	159-1	3689087	3660715	3579492	3643098	1.56	cps
Terbium	159-2	1842264	1850606	1860330	1851067	0.49	cps
Thallium	203-1	17	42	17	25	57.73	cps
Thallium	205-1	92	133	108	111	18.88	cps
Thorium	232-1	50	50	78	59	27.07	cps
Tin	118-1	225	158	142	175	25.20	cps
Titanium	47-1	325	383	225	311	25.74	cps
Uranium	238-1	7945	7870	7844	7886	0.66	cps
Vanadium	51-2	9023	9316	9213	9184	1.62	cps
Yttrium	89-1	2484965	2431493	2398265	2438241	1.79	cps
Yttrium	89-2	372553	373607	375191	373784	0.36	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-09	Instrumnet Name :	P7
Client Sample ID :	MBE5K5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:31:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60635	62798	61763	61732	1.75	cps
Zirconium	90-1	400	408	325	378	12.15	cps
Zirconium	91-1	50	67	125	81	48.89	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-10	Instrumnet Name :	P7
Client Sample ID :	MBE5K8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:35:13	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	25	28	17.31	cps
Antimony	121-1	33	25	25	28	17.31	cps
Arsenic	75-1	850	477	464	597	36.74	cps
Barium	135-1	33	25	8	22	57.29	cps
Barium	137-1	17	25	25	22	21.64	cps
Beryllium	9-1	40	57	57	51	18.83	cps
Bismuth	209-1	2258693	2176363	2188758	2207938	2.01	cps
Bismuth	209-2	1322260	1303523	1314017	1313267	0.72	cps
Boron	10-1	18929	18078	17719	18242	3.41	cps
Boron	11-1	81990	79434	76493	79306	3.47	cps
Cadmium	111-1	766	523	578	622	20.49	cps
Cadmium	106-1	1075	750	825	883	19.26	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	67	75	83	75	11.11	cps
Calcium	44-1	2242	2225	2650	2373	10.15	cps
Chromium	52-2	213	173	130	172	24.20	cps
Cobalt	59-2	7	20	3	10	88.20	cps
Copper	63-2	277	290	190	252	21.53	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	0	8	8	100.02	cps
Erbium	164-2	0	13	7	7	99.98	cps
Gadolinium	160-1	8	0	17	8	100.02	cps
Gadolinium	160-2	40	47	30	39	21.57	cps
Holmium	165-1	3355766	3308869	3345186	3336607	0.74	cps
Holmium	165-2	1833605	1801524	1811160	1815429	0.91	cps
Indium	115-1	2047610	1997262	2005458	2016777	1.34	cps
Indium	115-2	450416	441544	439914	443958	1.27	cps
Iron	56-2	989	911	1089	996	8.95	cps
Iron	57-2	33	44	17	31	44.41	cps
Krypton	83-1	67	60	30	52	37.40	cps
Lead	206-1	356	356	322	344	5.59	cps
Lead	207-1	378	339	339	352	6.38	cps
Lead	208-1	1439	1345	1361	1382	3.65	cps
Lithium	6-1	1232738	1212487	1219149	1221458	0.84	cps
Magnesium	24-2	100	100	92	97	4.95	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-10	Instrumnet Name :	P7
Client Sample ID :	MBE5K8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:35:13	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	30	27	23	37.81	cps
Molybdenum	94-1	75	133	92	100	30.05	cps
Molybdenum	95-1	17	50	0	22	114.56	cps
Molybdenum	96-1	33	17	50	33	50.00	cps
Molybdenum	97-1	17	0	17	11	86.60	cps
Molybdenum	98-1	33	8	33	25	57.74	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	30	20	21	39.75	cps
Phosphorus	31-2	42	50	50	47	10.18	cps
Potassium	39-2	4776	5018	4526	4773	5.15	cps
Rhodium	103-1	1820334	1768229	1780303	1789622	1.52	cps
Rhodium	103-2	929041	918162	917047	921417	0.72	cps
Scandium	45-1	1654531	1632331	1644457	1643773	0.68	cps
Scandium	45-2	76687	75377	75347	75804	1.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	7	5	57.32	cps
Selenium	82-1	-7	-11	47	10	337.93	cps
Silicon	28-1	39896	39611	38809	39439	1.43	cps
Silver	109-1	92	100	92	94	5.09	cps
Silver	107-1	117	150	158	142	15.56	cps
Sodium	23-2	8461	8303	8061	8275	2.44	cps
Strontium	86-1	150	275	175	200	33.07	cps
Strontium	88-1	225	183	117	175	31.23	cps
Sulfur	34-1	123685	123734	125088	124169	0.64	cps
Terbium	159-1	3437684	3389589	3415940	3414404	0.71	cps
Terbium	159-2	1777695	1783053	1766138	1775629	0.49	cps
Thallium	203-1	0	17	17	11	86.60	cps
Thallium	205-1	50	33	33	39	24.75	cps
Thorium	232-1	33	22	33	30	21.65	cps
Tin	118-1	75	108	42	75	44.44	cps
Titanium	47-1	25	42	58	42	40.00	cps
Uranium	238-1	8	0	8	6	86.60	cps
Vanadium	51-2	10	7	3	7	50.03	cps
Yttrium	89-1	2361236	2322436	2320963	2334878	0.98	cps
Yttrium	89-2	365813	362658	359024	362498	0.94	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-10	Instrumnet Name :	P7
Client Sample ID :	MBE5K8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:35:13	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1013	1070	1210	1098	9.22	cps
Zirconium	90-1	183	200	158	181	11.62	cps
Zirconium	91-1	33	83	25	47	66.82	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : K3302-11 Instrumnet Name : P7
 Client Sample ID : MBE5L7 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 16:38:48 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	67	42	60.00	cps
Antimony	121-1	25	75	50	50	50.00	cps
Arsenic	75-1	328	376	132	279	46.34	cps
Barium	135-1	17	0	17	11	86.60	cps
Barium	137-1	17	33	25	25	33.32	cps
Beryllium	9-1	33	20	40	31	32.73	cps
Bismuth	209-1	2177808	2131692	2101389	2136963	1.80	cps
Bismuth	209-2	1288488	1288493	1267171	1281384	0.96	cps
Boron	10-1	10529	9678	9612	9940	5.15	cps
Boron	11-1	44148	44383	41157	43229	4.16	cps
Cadmium	111-1	617	602	706	642	8.76	cps
Cadmium	106-1	875	858	1017	917	9.49	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	117	75	58	83	36.05	cps
Calcium	44-1	2367	2292	2375	2345	1.96	cps
Chromium	52-2	167	200	160	176	12.21	cps
Cobalt	59-2	3	0	10	4	114.60	cps
Copper	63-2	177	173	177	176	1.10	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	0	17	8	8	100.02	cps
Gadolinium	160-2	20	33	50	34	43.64	cps
Holmium	165-1	3270435	3268374	3224136	3254315	0.80	cps
Holmium	165-2	1767728	1754822	1751177	1757909	0.49	cps
Indium	115-1	2000766	1956722	1927203	1961564	1.89	cps
Indium	115-2	430431	428036	426802	428423	0.43	cps
Iron	56-2	1133	1150	1200	1161	2.99	cps
Iron	57-2	6	17	39	20	83.30	cps
Krypton	83-1	57	53	40	50	17.64	cps
Lead	206-1	217	306	356	293	24.04	cps
Lead	207-1	289	222	211	241	17.47	cps
Lead	208-1	1145	1150	1183	1159	1.81	cps
Lithium	6-1	1202225	1181340	1178531	1187366	1.09	cps
Magnesium	24-2	142	167	158	156	8.18	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-11	Instrumnet Name :	P7
Client Sample ID :	MBE5L7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:38:48	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	7	23	16	53.90	cps
Molybdenum	94-1	75	75	25	58	49.49	cps
Molybdenum	95-1	8	25	8	14	69.31	cps
Molybdenum	96-1	42	17	42	33	43.30	cps
Molybdenum	97-1	0	17	0	6	173.21	cps
Molybdenum	98-1	8	8	42	19	99.00	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	27	27	20	24	15.75	cps
Phosphorus	31-2	50	0	50	33	86.60	cps
Potassium	39-2	4534	4409	4101	4348	5.13	cps
Rhodium	103-1	1791668	1751975	1728521	1757388	1.82	cps
Rhodium	103-2	893822	893245	885568	890879	0.52	cps
Scandium	45-1	1615167	1594726	1587233	1599042	0.90	cps
Scandium	45-2	74499	74101	73374	73991	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	17	7	10	60.25	cps
Selenium	82-1	12	18	32	21	47.21	cps
Silicon	28-1	35827	36103	34290	35407	2.76	cps
Silver	109-1	42	58	50	50	16.67	cps
Silver	107-1	83	75	17	58	62.27	cps
Sodium	23-2	6577	6093	6085	6252	4.50	cps
Strontium	86-1	108	158	100	122	25.81	cps
Strontium	88-1	117	92	117	108	13.32	cps
Sulfur	34-1	126466	129844	127558	127956	1.35	cps
Terbium	159-1	3362680	3340339	3298318	3333779	0.98	cps
Terbium	159-2	1745808	1723583	1723996	1731129	0.73	cps
Thallium	203-1	8	0	17	8	100.02	cps
Thallium	205-1	58	25	8	31	83.33	cps
Thorium	232-1	61	44	22	43	45.81	cps
Tin	118-1	67	150	125	114	37.55	cps
Titanium	47-1	33	8	33	25	57.74	cps
Uranium	238-1	8	0	8	6	86.60	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	2312690	2272060	2234056	2272936	1.73	cps
Yttrium	89-2	353788	350494	347860	350714	0.85	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-11	Instrumnet Name :	P7
Client Sample ID :	MBE5L7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:38:48	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	923	977	923	941	3.27	cps
Zirconium	90-1	200	142	200	181	18.65	cps
Zirconium	91-1	25	67	50	47	44.41	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-12	Instrumnet Name :	P7
Client Sample ID :	MBE5M2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:42:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	367	350	361	2.67	cps
Antimony	121-1	267	142	200	203	30.84	cps
Arsenic	75-1	6571	6479	6913	6654	3.44	cps
Barium	135-1	68746	66334	67247	67442	1.81	cps
Barium	137-1	120688	118275	116157	118373	1.91	cps
Beryllium	9-1	37	47	43	42	12.06	cps
Bismuth	209-1	2319654	2293764	2251481	2288300	1.50	cps
Bismuth	209-2	1343761	1335721	1337029	1338837	0.32	cps
Boron	10-1	264128	261796	266063	263996	0.81	cps
Boron	11-1	1131840	1132425	1139390	1134552	0.37	cps
Cadmium	111-1	679	627	775	694	10.84	cps
Cadmium	106-1	967	883	1083	978	10.28	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	498544	484609	479683	487612	2.01	cps
Calcium	44-1	8174658	8052826	7963438	8063641	1.31	cps
Chromium	52-2	240	213	237	230	6.32	cps
Cobalt	59-2	80	100	53	78	30.10	cps
Copper	63-2	970	1047	1048	1022	4.38	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	10	17	13	13	25.01	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	17	20	10	16	32.73	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	67	57	23	49	46.42	cps
Holmium	165-1	3617165	3566941	3544048	3576051	1.05	cps
Holmium	165-2	1898983	1896937	1900443	1898788	0.09	cps
Indium	115-1	2125720	2087032	2066781	2093178	1.43	cps
Indium	115-2	452557	450727	454001	452428	0.36	cps
Iron	56-2	8619	8292	8097	8336	3.17	cps
Iron	57-2	3028	2873	2861	2921	3.19	cps
Krypton	83-1	43	43	80	56	38.11	cps
Lead	206-1	6591	6535	6474	6533	0.89	cps
Lead	207-1	5668	5729	5435	5611	2.77	cps
Lead	208-1	25755	25794	25060	25536	1.62	cps
Lithium	6-1	1303201	1289648	1273909	1288919	1.14	cps
Magnesium	24-2	1898496	1892815	1886835	1892715	0.31	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-12	Instrumnet Name :	P7
Client Sample ID :	MBE5M2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:42:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10451	10501	10711	10554	1.31	cps
Molybdenum	94-1	1167	1108	1125	1133	2.65	cps
Molybdenum	95-1	1800	1842	1959	1867	4.40	cps
Molybdenum	96-1	1934	2200	2100	2078	6.48	cps
Molybdenum	97-1	1125	1142	1267	1178	6.57	cps
Molybdenum	98-1	2950	3050	3084	3028	2.29	cps
Neodymium	150-1	47	33	20	33	40.01	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	200	247	193	213	13.62	cps
Phosphorus	31-2	50	67	50	56	17.32	cps
Potassium	39-2	113607	112726	114145	113493	0.63	cps
Rhodium	103-1	1844844	1808815	1787650	1813770	1.59	cps
Rhodium	103-2	926683	915749	920774	921069	0.59	cps
Scandium	45-1	1710675	1685096	1662091	1685954	1.44	cps
Scandium	45-2	76855	77521	77880	77419	0.67	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	13	4	28	15	82.00	cps
Selenium	82-1	18	46	-3	20	121.77	cps
Silicon	28-1	19594604	19266094	19147260	19335986	1.20	cps
Silver	109-1	58	108	142	103	40.81	cps
Silver	107-1	133	92	208	144	40.93	cps
Sodium	23-2	2212058	2222107	2205265	2213144	0.38	cps
Strontium	86-1	1873934	1840378	1812878	1842397	1.66	cps
Strontium	88-1	16865297	16697339	16536400	16699679	0.98	cps
Sulfur	34-1	245965	241917	241265	243049	1.05	cps
Terbium	159-1	3666478	3650680	3637336	3651498	0.40	cps
Terbium	159-2	1865007	1861455	1856083	1860848	0.24	cps
Thallium	203-1	67	42	33	47	36.74	cps
Thallium	205-1	100	92	75	89	14.33	cps
Thorium	232-1	22	17	72	37	82.61	cps
Tin	118-1	217	125	125	156	34.02	cps
Titanium	47-1	467	533	517	506	6.86	cps
Uranium	238-1	45080	46067	44770	45306	1.49	cps
Vanadium	51-2	5198	5171	5248	5205	0.75	cps
Yttrium	89-1	2450702	2412994	2370414	2411370	1.67	cps
Yttrium	89-2	371793	371172	371083	371349	0.10	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-12	Instrumnet Name :	P7
Client Sample ID :	MBE5M2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:42:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6662	6488	6348	6499	2.42	cps
Zirconium	90-1	158	192	233	194	19.32	cps
Zirconium	91-1	50	42	33	42	20.00	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-13	Instrumnet Name :	P7
Client Sample ID :	MBE5M3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:46:00	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	258	225	206	31.49	cps
Antimony	121-1	142	192	208	181	19.22	cps
Arsenic	75-1	7351	8288	8703	8114	8.54	cps
Barium	135-1	46161	45567	44606	45445	1.73	cps
Barium	137-1	80215	79275	78027	79172	1.39	cps
Beryllium	9-1	47	13	47	36	54.14	cps
Bismuth	209-1	2340404	2268678	2255035	2288039	2.00	cps
Bismuth	209-2	1329747	1351353	1344875	1341991	0.83	cps
Boron	10-1	272395	271388	277193	273659	1.13	cps
Boron	11-1	1185889	1187177	1192677	1188581	0.30	cps
Cadmium	111-1	668	624	726	673	7.65	cps
Cadmium	106-1	950	892	1042	961	7.87	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	468967	460220	452357	460515	1.80	cps
Calcium	44-1	7757549	7627739	7536194	7640494	1.46	cps
Chromium	52-2	183	153	183	173	9.99	cps
Cobalt	59-2	103	100	120	108	9.94	cps
Copper	63-2	1273	1276	1306	1285	1.43	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	10	17	10	66.70	cps
Erbium	164-1	50	17	17	28	69.27	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	30	30	50	37	31.49	cps
Holmium	165-1	3605141	3582447	3566912	3584834	0.54	cps
Holmium	165-2	1897183	1920329	1900348	1905953	0.66	cps
Indium	115-1	2148773	2089701	2084122	2107532	1.70	cps
Indium	115-2	452188	452501	453299	452663	0.13	cps
Iron	56-2	5407	5902	5968	5759	5.33	cps
Iron	57-2	2684	2539	2678	2634	3.11	cps
Krypton	83-1	47	37	47	43	13.32	cps
Lead	206-1	5285	5212	5329	5275	1.12	cps
Lead	207-1	4801	4873	4240	4638	7.48	cps
Lead	208-1	21085	20918	20557	20853	1.29	cps
Lithium	6-1	1310163	1295012	1283800	1296325	1.02	cps
Magnesium	24-2	1841094	1839789	1840975	1840619	0.04	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-13	Instrumnet Name :	P7
Client Sample ID :	MBE5M3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:46:00	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23606	24447	23773	23942	1.86	cps
Molybdenum	94-1	2192	2017	1992	2067	5.27	cps
Molybdenum	95-1	3326	3484	3226	3345	3.90	cps
Molybdenum	96-1	3792	3734	3659	3728	1.79	cps
Molybdenum	97-1	2192	2184	1967	2114	6.03	cps
Molybdenum	98-1	5535	5426	5301	5421	2.15	cps
Neodymium	150-1	13	40	27	27	50.01	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	87	80	103	90	13.36	cps
Phosphorus	31-2	25	67	42	44	47.19	cps
Potassium	39-2	112037	112844	111442	112108	0.63	cps
Rhodium	103-1	1874919	1828012	1827910	1843614	1.47	cps
Rhodium	103-2	925146	930351	927395	927630	0.28	cps
Scandium	45-1	1731723	1693608	1676172	1700501	1.67	cps
Scandium	45-2	78282	79371	78473	78709	0.74	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	20	19	15	18	15.82	cps
Selenium	82-1	39	41	19	33	37.27	cps
Silicon	28-1	19432490	19225592	19020142	19226074	1.07	cps
Silver	109-1	100	158	192	150	30.93	cps
Silver	107-1	125	200	158	161	23.32	cps
Sodium	23-2	2254321	2268120	2247623	2256688	0.46	cps
Strontium	86-1	1764264	1723260	1721953	1736492	1.39	cps
Strontium	88-1	15847395	15622768	15666231	15712131	0.76	cps
Sulfur	34-1	327696	321562	315893	321717	1.83	cps
Terbium	159-1	3689499	3645501	3643524	3659508	0.71	cps
Terbium	159-2	1860748	1883721	1876213	1873561	0.63	cps
Thallium	203-1	33	25	25	28	17.31	cps
Thallium	205-1	67	33	58	53	32.88	cps
Thorium	232-1	78	33	61	57	39.12	cps
Tin	118-1	158	83	117	119	31.46	cps
Titanium	47-1	542	342	375	419	25.55	cps
Uranium	238-1	49939	47656	47766	48454	2.66	cps
Vanadium	51-2	2844	3017	3084	2981	4.16	cps
Yttrium	89-1	2479243	2410770	2411454	2433822	1.62	cps
Yttrium	89-2	370831	372372	372480	371894	0.25	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-13	Instrumnet Name :	P7
Client Sample ID :	MBE5M3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:46:00	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1703	1557	1573	1611	4.98	cps
Zirconium	90-1	267	250	242	253	5.04	cps
Zirconium	91-1	67	75	58	67	12.49	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-14	Instrumnet Name :	P7
Client Sample ID :	MBE5M4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:49:36	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458	558	492	503	10.13	cps
Antimony	121-1	242	158	208	203	20.69	cps
Arsenic	75-1	8149	8592	8439	8393	2.69	cps
Barium	135-1	41379	41020	40284	40894	1.36	cps
Barium	137-1	73168	71165	69767	71367	2.40	cps
Beryllium	9-1	47	37	30	38	22.21	cps
Bismuth	209-1	2457062	2293730	2270179	2340324	4.35	cps
Bismuth	209-2	1359285	1350491	1377924	1362567	1.03	cps
Boron	10-1	109503	109208	107337	108683	1.08	cps
Boron	11-1	485381	479467	472261	479036	1.37	cps
Cadmium	111-1	758	628	748	711	10.13	cps
Cadmium	106-1	1058	892	1042	997	9.21	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	476618	460167	459578	465454	2.08	cps
Calcium	44-1	7802431	7674084	7546280	7674265	1.67	cps
Chromium	52-2	400	383	317	367	12.03	cps
Cobalt	59-2	90	77	103	90	14.82	cps
Copper	63-2	3086	2873	3014	2991	3.62	cps
Dysprosium	156-1	33	92	42	56	56.79	cps
Dysprosium	156-2	20	33	17	23	37.78	cps
Erbium	164-1	42	58	17	39	53.93	cps
Erbium	164-2	13	30	37	27	45.08	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	87	57	57	67	25.98	cps
Holmium	165-1	3744030	3610706	3583729	3646155	2.35	cps
Holmium	165-2	1931330	1924520	1951147	1935666	0.71	cps
Indium	115-1	2214787	2119454	2085457	2139899	3.13	cps
Indium	115-2	461736	460283	464310	462110	0.44	cps
Iron	56-2	8809	8369	9065	8748	4.02	cps
Iron	57-2	2778	2645	2656	2693	2.75	cps
Krypton	83-1	60	63	80	68	15.81	cps
Lead	206-1	12378	11917	11856	12050	2.37	cps
Lead	207-1	10582	10360	10249	10397	1.63	cps
Lead	208-1	48257	46922	46522	47234	1.92	cps
Lithium	6-1	1344998	1296165	1281258	1307473	2.55	cps
Magnesium	24-2	1813026	1806448	1794170	1804548	0.53	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-14	Instrumnet Name :	P7
Client Sample ID :	MBE5M4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:49:36	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13473	13370	13677	13506	1.16	cps
Molybdenum	94-1	1358	1450	1467	1425	4.09	cps
Molybdenum	95-1	2200	2200	2309	2236	2.80	cps
Molybdenum	96-1	2542	2309	2534	2461	5.38	cps
Molybdenum	97-1	1609	1300	1508	1472	10.69	cps
Molybdenum	98-1	3651	3501	3609	3587	2.16	cps
Neodymium	150-1	60	53	40	51	19.92	cps
Neodymium	150-2	33	27	20	27	24.99	cps
Nickel	60-2	157	107	127	130	19.36	cps
Phosphorus	31-2	42	67	75	61	28.38	cps
Potassium	39-2	104022	101579	101336	102313	1.45	cps
Rhodium	103-1	1922274	1836671	1824121	1861022	2.87	cps
Rhodium	103-2	950515	938027	953240	947261	0.86	cps
Scandium	45-1	1793163	1711923	1688982	1731356	3.16	cps
Scandium	45-2	79837	79683	79750	79756	0.10	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	22	11	17	17	33.33	cps
Selenium	82-1	59	19	30	36	56.37	cps
Silicon	28-1	18978945	18596699	18413559	18663068	1.55	cps
Silver	109-1	142	150	125	139	9.16	cps
Silver	107-1	158	183	200	181	11.62	cps
Sodium	23-2	2279011	2265928	2263322	2269421	0.37	cps
Strontium	86-1	1718837	1677724	1659604	1685388	1.80	cps
Strontium	88-1	15613009	15341223	15140970	15365067	1.54	cps
Sulfur	34-1	398600	391466	385928	391998	1.62	cps
Terbium	159-1	3801429	3693870	3675664	3723654	1.83	cps
Terbium	159-2	1907615	1888233	1916374	1904074	0.76	cps
Thallium	203-1	108	67	100	92	24.05	cps
Thallium	205-1	200	233	192	208	10.58	cps
Thorium	232-1	67	56	72	65	13.09	cps
Tin	118-1	142	108	142	131	14.74	cps
Titanium	47-1	583	358	567	503	24.94	cps
Uranium	238-1	54466	52600	52449	53172	2.11	cps
Vanadium	51-2	9366	9877	9630	9624	2.65	cps
Yttrium	89-1	2550343	2433901	2414890	2466378	2.97	cps
Yttrium	89-2	378755	375672	381362	378597	0.75	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-14	Instrumnet Name :	P7
Client Sample ID :	MBE5M4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:49:36	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2947	3150	2924	3007	4.15	cps
Zirconium	90-1	275	367	225	289	24.87	cps
Zirconium	91-1	58	50	67	58	14.29	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-15	Instrumnet Name :	P7
Client Sample ID :	MBE5M5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:53:12	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	158	100	131	22.42	cps
Antimony	121-1	200	175	133	169	19.88	cps
Arsenic	75-1	7728	7928	8318	7991	3.75	cps
Barium	135-1	92373	91374	89539	91095	1.58	cps
Barium	137-1	160686	158671	155799	158385	1.55	cps
Beryllium	9-1	50	30	30	37	31.49	cps
Bismuth	209-1	2512984	2367867	2428672	2436508	2.99	cps
Bismuth	209-2	1401007	1394067	1372485	1389186	1.07	cps
Boron	10-1	98135	93253	95484	95624	2.56	cps
Boron	11-1	421230	412416	413657	415768	1.15	cps
Cadmium	111-1	649	704	711	688	4.97	cps
Cadmium	106-1	925	1008	1017	983	5.16	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	443096	433603	426414	434371	1.93	cps
Calcium	44-1	7276932	7153523	7114900	7181785	1.18	cps
Chromium	52-2	530	543	500	524	4.23	cps
Cobalt	59-2	27	33	33	31	12.36	cps
Copper	63-2	1946	1845	1949	1913	3.08	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	8	17	33	19	65.47	cps
Erbium	164-2	0	13	3	6	124.93	cps
Gadolinium	160-1	0	0	0	0	0.00	cps
Gadolinium	160-2	40	37	27	34	20.14	cps
Holmium	165-1	3764586	3699615	3664019	3709406	1.37	cps
Holmium	165-2	1989896	1980712	1953132	1974580	0.97	cps
Indium	115-1	2232564	2163719	2148136	2181473	2.06	cps
Indium	115-2	477528	475708	467931	473722	1.08	cps
Iron	56-2	6274	7023	6535	6611	5.76	cps
Iron	57-2	2495	2689	2628	2604	3.82	cps
Krypton	83-1	47	67	67	60	19.24	cps
Lead	206-1	11116	10621	10299	10679	3.86	cps
Lead	207-1	9209	8942	8475	8875	4.18	cps
Lead	208-1	43290	41259	40481	41677	3.48	cps
Lithium	6-1	1353254	1317241	1303141	1324545	1.95	cps
Magnesium	24-2	1812206	1782551	1776095	1790284	1.08	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-15	Instrumnet Name :	P7
Client Sample ID :	MBE5M5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:53:12	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1297	1233	1223	1251	3.18	cps
Molybdenum	94-1	1000	858	917	925	7.70	cps
Molybdenum	95-1	1392	1300	1542	1411	8.65	cps
Molybdenum	96-1	1433	1117	1550	1367	16.41	cps
Molybdenum	97-1	1058	900	700	886	20.27	cps
Molybdenum	98-1	2209	2300	2109	2206	4.35	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	83	83	80	82	2.34	cps
Phosphorus	31-2	108	83	92	94	13.48	cps
Potassium	39-2	100916	99399	100716	100344	0.82	cps
Rhodium	103-1	1949083	1898064	1866757	1904635	2.18	cps
Rhodium	103-2	982348	967359	959136	969614	1.21	cps
Scandium	45-1	1797114	1754705	1728607	1760142	1.96	cps
Scandium	45-2	81931	81680	79649	81087	1.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	9	2	6	62.47	cps
Selenium	82-1	34	-7	-5	7	324.81	cps
Silicon	28-1	19432191	18863808	18731846	19009282	1.96	cps
Silver	109-1	133	150	125	136	9.35	cps
Silver	107-1	83	183	175	147	37.69	cps
Sodium	23-2	1912584	1899177	1888933	1900231	0.62	cps
Strontium	86-1	1582812	1542879	1523183	1549625	1.96	cps
Strontium	88-1	14322479	14035404	13938541	14098808	1.42	cps
Sulfur	34-1	348177	341601	338117	342632	1.49	cps
Terbium	159-1	3855396	3793072	3750823	3799764	1.38	cps
Terbium	159-2	1943513	1929570	1939152	1937412	0.37	cps
Thallium	203-1	158	150	158	156	3.09	cps
Thallium	205-1	317	308	333	319	3.99	cps
Thorium	232-1	50	22	33	35	39.74	cps
Tin	118-1	133	133	108	125	11.55	cps
Titanium	47-1	483	375	400	419	13.52	cps
Uranium	238-1	58007	56333	55555	56631	2.21	cps
Vanadium	51-2	9256	8783	8433	8824	4.69	cps
Yttrium	89-1	2562655	2507120	2473374	2514383	1.79	cps
Yttrium	89-2	390167	385821	386178	387388	0.62	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-15	Instrumnet Name :	P7
Client Sample ID :	MBE5M5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:53:12	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2190	2250	2167	2202	1.95	cps
Zirconium	90-1	200	175	208	194	8.92	cps
Zirconium	91-1	33	8	75	39	86.61	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:56:48	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20640	20214	20373	20409	1.05	cps
Antimony	121-1	317	408	308	344	16.11	cps
Arsenic	75-1	6468	5545	5481	5831	9.47	cps
Barium	135-1	48653	46938	46152	47248	2.71	cps
Barium	137-1	84860	80743	79695	81766	3.34	cps
Beryllium	9-1	80	63	27	57	48.15	cps
Bismuth	209-1	2286471	2221549	2189975	2232665	2.20	cps
Bismuth	209-2	1293629	1273135	1314870	1293878	1.61	cps
Boron	10-1	66405	66756	65534	66232	0.95	cps
Boron	11-1	292048	289906	291315	291090	0.37	cps
Cadmium	111-1	1243	1149	1060	1151	7.92	cps
Cadmium	106-1	1258	1058	1033	1117	11.04	cps
Cadmium	108-1	67	54	54	58	12.37	cps
Calcium	43-1	1556001	1516093	1503895	1525330	1.79	cps
Calcium	44-1	26180922	25680587	25244639	25702049	1.82	cps
Chromium	52-2	3774	3694	3974	3814	3.78	cps
Cobalt	59-2	1380	1397	1393	1390	0.63	cps
Copper	63-2	4691	4608	4637	4645	0.91	cps
Dysprosium	156-1	383	283	400	356	17.75	cps
Dysprosium	156-2	203	170	157	177	13.61	cps
Erbium	164-1	308	242	325	292	15.12	cps
Erbium	164-2	177	207	157	180	13.98	cps
Gadolinium	160-1	400	375	383	386	3.30	cps
Gadolinium	160-2	287	227	253	256	11.76	cps
Holmium	165-1	3624222	3541375	3505130	3556909	1.72	cps
Holmium	165-2	1882470	1835892	1901428	1873264	1.80	cps
Indium	115-1	2134455	2048491	2028024	2070324	2.73	cps
Indium	115-2	441930	433323	450164	441806	1.91	cps
Iron	56-2	1010581	1007171	1012081	1009944	0.25	cps
Iron	57-2	34096	34062	33767	33975	0.53	cps
Krypton	83-1	57	57	40	51	18.83	cps
Lead	206-1	3117	2989	3384	3163	6.36	cps
Lead	207-1	2706	2556	2561	2608	3.26	cps
Lead	208-1	12369	11791	12319	12160	2.63	cps
Lithium	6-1	1299190	1265130	1238737	1267686	2.39	cps
Magnesium	24-2	1300874	1298069	1301018	1299987	0.13	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:56:48	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	61963	61866	60708	61512	1.14	cps
Molybdenum	94-1	975	808	825	870	10.56	cps
Molybdenum	95-1	583	583	367	511	24.47	cps
Molybdenum	96-1	625	683	683	664	5.07	cps
Molybdenum	97-1	400	292	342	344	15.74	cps
Molybdenum	98-1	950	667	742	786	18.67	cps
Neodymium	150-1	380	380	487	416	14.82	cps
Neodymium	150-2	147	180	167	164	10.20	cps
Nickel	60-2	1954	1930	1840	1908	3.14	cps
Phosphorus	31-2	200	175	192	189	6.74	cps
Potassium	39-2	139828	141274	140114	140405	0.55	cps
Rhodium	103-1	1830275	1777185	1750270	1785910	2.28	cps
Rhodium	103-2	894205	884402	911493	896700	1.53	cps
Scandium	45-1	1720193	1661541	1640449	1674061	2.47	cps
Scandium	45-2	75521	74885	76942	75783	1.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	19	20	14	75.11	cps
Selenium	82-1	19	25	67	37	71.86	cps
Silicon	28-1	19709196	19442428	19121738	19424454	1.51	cps
Silver	109-1	150	217	258	208	26.23	cps
Silver	107-1	217	250	292	253	14.86	cps
Sodium	23-2	5309085	5312341	5310279	5310568	0.03	cps
Strontium	86-1	224307	215949	211061	217106	3.09	cps
Strontium	88-1	1894501	1864693	1816016	1858403	2.13	cps
Sulfur	34-1	769095	748443	737267	751602	2.15	cps
Terbium	159-1	3705222	3638212	3566867	3636767	1.90	cps
Terbium	159-2	1838546	1802807	1868960	1836771	1.80	cps
Thallium	203-1	17	92	42	50	76.37	cps
Thallium	205-1	100	83	83	89	10.83	cps
Thorium	232-1	722	694	761	726	4.61	cps
Tin	118-1	250	242	225	239	5.33	cps
Titanium	47-1	12898	12155	11813	12289	4.51	cps
Uranium	238-1	13141	13274	13091	13168	0.72	cps
Vanadium	51-2	3557	3507	3357	3474	3.00	cps
Yttrium	89-1	2500843	2407279	2357686	2421936	3.00	cps
Yttrium	89-2	362999	359305	372089	364798	1.80	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 16:56:48	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	528786	531217	531245	530416	0.27	cps
Zirconium	90-1	1709	1508	1600	1606	6.24	cps
Zirconium	91-1	525	292	350	389	31.23	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-17	Instrumnet Name :	P7
Client Sample ID :	MBE5M7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:00:24	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22201	21342	20390	21311	4.25	cps
Antimony	121-1	225	267	225	239	10.07	cps
Arsenic	75-1	4388	4023	4818	4410	9.02	cps
Barium	135-1	49882	48427	47917	48742	2.09	cps
Barium	137-1	86125	84180	84020	84775	1.38	cps
Beryllium	9-1	67	53	57	59	11.79	cps
Bismuth	209-1	2435203	2070003	2112910	2206039	9.05	cps
Bismuth	209-2	1321210	1321635	1325156	1322667	0.16	cps
Boron	10-1	63475	64212	63953	63880	0.58	cps
Boron	11-1	282320	284960	283912	283731	0.47	cps
Cadmium	111-1	1040	900	983	975	7.22	cps
Cadmium	106-1	1033	842	842	906	12.22	cps
Cadmium	108-1	71	79	63	71	11.77	cps
Calcium	43-1	1580622	1553306	1545047	1559659	1.19	cps
Calcium	44-1	26643689	26198463	26201846	26347999	0.97	cps
Chromium	52-2	3877	3721	3777	3792	2.09	cps
Cobalt	59-2	1600	1463	1467	1510	5.16	cps
Copper	63-2	5096	4806	4975	4959	2.93	cps
Dysprosium	156-1	417	400	325	381	12.83	cps
Dysprosium	156-2	193	177	157	176	10.46	cps
Erbium	164-1	400	350	267	339	19.88	cps
Erbium	164-2	187	213	153	184	16.30	cps
Gadolinium	160-1	417	233	317	322	28.49	cps
Gadolinium	160-2	193	250	220	221	12.82	cps
Holmium	165-1	3742468	3324963	3406924	3491452	6.34	cps
Holmium	165-2	1909856	1904296	1924157	1912770	0.54	cps
Indium	115-1	2170926	1903617	1951203	2008582	7.10	cps
Indium	115-2	447395	447816	454049	449753	0.83	cps
Iron	56-2	1067368	1070713	1060583	1066221	0.48	cps
Iron	57-2	35042	36636	34942	35540	2.67	cps
Krypton	83-1	47	80	50	59	31.17	cps
Lead	206-1	3623	3523	3451	3532	2.45	cps
Lead	207-1	2895	2495	2773	2721	7.54	cps
Lead	208-1	13575	12808	13242	13208	2.91	cps
Lithium	6-1	1323659	1186800	1199083	1236514	6.12	cps
Magnesium	24-2	1351308	1346759	1328597	1342221	0.90	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-17	Instrumnet Name :	P7
Client Sample ID :	MBE5M7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:00:24	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63349	63121	63426	63299	0.25	cps
Molybdenum	94-1	833	775	917	842	8.46	cps
Molybdenum	95-1	483	508	458	483	5.17	cps
Molybdenum	96-1	583	517	608	569	8.32	cps
Molybdenum	97-1	283	258	283	275	5.25	cps
Molybdenum	98-1	850	617	883	783	18.55	cps
Neodymium	150-1	467	420	400	429	7.98	cps
Neodymium	150-2	217	210	157	194	16.91	cps
Nickel	60-2	2004	1964	1913	1960	2.30	cps
Phosphorus	31-2	33	67	83	61	41.67	cps
Potassium	39-2	143549	145287	140417	143084	1.72	cps
Rhodium	103-1	1868706	1636287	1674850	1726614	7.21	cps
Rhodium	103-2	904583	901285	916028	907298	0.85	cps
Scandium	45-1	1765867	1533411	1565816	1621698	7.76	cps
Scandium	45-2	77133	76851	77552	77179	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	7	19	12	50.75	cps
Selenium	82-1	40	1	27	23	86.05	cps
Silicon	28-1	20019718	19687190	19607826	19771578	1.11	cps
Silver	109-1	158	242	142	181	29.67	cps
Silver	107-1	158	217	208	194	16.23	cps
Sodium	23-2	5485139	5470962	5403322	5453141	0.80	cps
Strontium	86-1	225572	223335	221229	223379	0.97	cps
Strontium	88-1	1921887	1876424	1900186	1899499	1.20	cps
Sulfur	34-1	763166	747610	751854	754210	1.07	cps
Terbium	159-1	3819405	3383278	3478381	3560355	6.44	cps
Terbium	159-2	1874897	1856953	1881571	1871141	0.68	cps
Thallium	203-1	33	25	42	33	25.01	cps
Thallium	205-1	117	100	100	106	9.12	cps
Thorium	232-1	839	739	717	765	8.51	cps
Tin	118-1	158	158	233	183	23.62	cps
Titanium	47-1	14086	13483	13065	13544	3.79	cps
Uranium	238-1	13691	13942	12840	13491	4.28	cps
Vanadium	51-2	3747	3537	3517	3600	3.54	cps
Yttrium	89-1	2624688	2212090	2278063	2371613	9.35	cps
Yttrium	89-2	367524	368775	372772	369690	0.74	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-17	Instrumnet Name :	P7
Client Sample ID :	MBE5M7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:00:24	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	545484	546275	544144	545301	0.20	cps
Zirconium	90-1	1800	1759	1625	1728	5.29	cps
Zirconium	91-1	367	375	400	381	4.56	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18	Instrumnet Name :	P7
Client Sample ID :	MBE5M8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:04:00	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2634	2767	2659	2686	2.64	cps
Antimony	121-1	275	342	225	281	20.86	cps
Arsenic	75-1	4467	4780	4660	4636	3.41	cps
Barium	135-1	282746	278335	272391	277824	1.87	cps
Barium	137-1	493499	481525	472610	482544	2.17	cps
Beryllium	9-1	40	40	33	38	10.19	cps
Bismuth	209-1	2269051	2222208	2177865	2223041	2.05	cps
Bismuth	209-2	1291330	1300250	1292358	1294646	0.38	cps
Boron	10-1	58622	60279	59928	59610	1.46	cps
Boron	11-1	259560	261211	262656	261142	0.59	cps
Cadmium	111-1	760	730	675	722	5.99	cps
Cadmium	106-1	1008	958	908	958	5.22	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	2095234	2036904	2021384	2051174	1.90	cps
Calcium	44-1	35262972	34672881	34466461	34800771	1.19	cps
Chromium	52-2	4171	4164	4231	4188	0.88	cps
Cobalt	59-2	827	797	780	801	2.95	cps
Copper	63-2	1229	1587	1392	1403	12.80	cps
Dysprosium	156-1	142	175	192	169	15.03	cps
Dysprosium	156-2	83	110	100	98	13.78	cps
Erbium	164-1	183	175	167	175	4.76	cps
Erbium	164-2	83	70	107	87	21.42	cps
Gadolinium	160-1	233	300	158	231	30.74	cps
Gadolinium	160-2	183	140	163	162	13.37	cps
Holmium	165-1	3594849	3588840	3506617	3563435	1.38	cps
Holmium	165-2	1886561	1890252	1885670	1887494	0.13	cps
Indium	115-1	2101375	2056780	2014571	2057575	2.11	cps
Indium	115-2	442428	445166	446519	444704	0.47	cps
Iron	56-2	738998	735735	733696	736143	0.36	cps
Iron	57-2	30115	30399	29580	30031	1.38	cps
Krypton	83-1	67	40	63	57	25.64	cps
Lead	206-1	1878	1717	1772	1789	4.57	cps
Lead	207-1	1545	1506	1667	1572	5.35	cps
Lead	208-1	7551	7129	7145	7275	3.29	cps
Lithium	6-1	1293003	1268142	1245398	1268848	1.88	cps
Magnesium	24-2	1513605	1493945	1481645	1496398	1.08	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18	Instrumnet Name :	P7
Client Sample ID :	MBE5M8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:04:00	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107472	107804	107035	107437	0.36	cps
Molybdenum	94-1	383	317	375	358	10.14	cps
Molybdenum	95-1	217	225	250	231	7.52	cps
Molybdenum	96-1	292	1584	250	709	107.03	cps
Molybdenum	97-1	142	150	167	153	8.33	cps
Molybdenum	98-1	508	433	392	444	13.30	cps
Neodymium	150-1	407	287	273	322	22.79	cps
Neodymium	150-2	113	140	107	120	14.70	cps
Nickel	60-2	4294	4367	4301	4321	0.94	cps
Phosphorus	31-2	92	50	83	75	29.40	cps
Potassium	39-2	104138	103668	103753	103853	0.24	cps
Rhodium	103-1	1800397	1770102	1722869	1764456	2.21	cps
Rhodium	103-2	886473	890928	894735	890712	0.46	cps
Scandium	45-1	1697636	1666842	1630725	1665068	2.01	cps
Scandium	45-2	76690	76982	76228	76633	0.50	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	11	6	15	10	44.37	cps
Selenium	82-1	35	37	32	34	7.05	cps
Silicon	28-1	22117625	21816125	21619039	21850930	1.15	cps
Silver	109-1	150	150	258	186	33.61	cps
Silver	107-1	225	175	208	203	12.55	cps
Sodium	23-2	7227833	7150670	7079187	7152564	1.04	cps
Strontium	86-1	291175	288382	282646	287401	1.51	cps
Strontium	88-1	2479560	2405545	2374952	2420019	2.22	cps
Sulfur	34-1	295442	290132	289282	291619	1.14	cps
Terbium	159-1	3683745	3644086	3570591	3632807	1.58	cps
Terbium	159-2	1834340	1859874	1845288	1846501	0.69	cps
Thallium	203-1	42	42	50	44	10.82	cps
Thallium	205-1	175	167	75	139	39.95	cps
Thorium	232-1	383	400	306	363	13.89	cps
Tin	118-1	217	117	150	161	31.61	cps
Titanium	47-1	1784	1659	1583	1675	6.03	cps
Uranium	238-1	10063	10121	9329	9838	4.49	cps
Vanadium	51-2	2474	2434	2487	2465	1.13	cps
Yttrium	89-1	2465339	2422155	2357187	2414894	2.25	cps
Yttrium	89-2	368569	369574	366637	368260	0.41	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18	Instrumnet Name :	P7
Client Sample ID :	MBE5M8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:04:00	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12442	12119	11932	12164	2.12	cps
Zirconium	90-1	508	575	542	542	6.15	cps
Zirconium	91-1	158	142	175	158	10.53	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : K3302-19 Instrumnet Name : P7
 Client Sample ID : MBE5M8D Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 17:07:37 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2517	2850	2609	2659	6.48	cps
Antimony	121-1	350	267	350	322	14.93	cps
Arsenic	75-1	4429	4930	4913	4757	5.98	cps
Barium	135-1	284064	275256	273265	277529	2.07	cps
Barium	137-1	493690	479206	476295	483064	1.93	cps
Beryllium	9-1	37	60	23	40	46.40	cps
Bismuth	209-1	2252839	2204883	2167125	2208282	1.95	cps
Bismuth	209-2	1274480	1285574	1275633	1278562	0.48	cps
Boron	10-1	59743	60389	60262	60131	0.57	cps
Boron	11-1	256170	259226	260646	258680	0.88	cps
Cadmium	111-1	785	640	661	695	11.28	cps
Cadmium	106-1	1008	883	883	925	7.80	cps
Cadmium	108-1	0	29	4	11	141.95	cps
Calcium	43-1	2090651	2021911	2023488	2045350	1.92	cps
Calcium	44-1	35197622	34624993	34481399	34768005	1.09	cps
Chromium	52-2	4214	4394	4301	4303	2.09	cps
Cobalt	59-2	797	853	773	808	5.09	cps
Copper	63-2	1605	1497	1325	1476	9.56	cps
Dysprosium	156-1	217	192	233	214	9.81	cps
Dysprosium	156-2	103	113	103	107	5.41	cps
Erbium	164-1	83	208	183	158	41.77	cps
Erbium	164-2	93	107	113	104	9.75	cps
Gadolinium	160-1	183	142	225	183	22.73	cps
Gadolinium	160-2	147	157	163	156	5.39	cps
Holmium	165-1	3567337	3528734	3519980	3538684	0.71	cps
Holmium	165-2	1861322	1880082	1865918	1869107	0.52	cps
Indium	115-1	2077477	2030394	2016740	2041537	1.56	cps
Indium	115-2	438316	446645	438426	441129	1.08	cps
Iron	56-2	740019	748023	731058	739700	1.15	cps
Iron	57-2	29809	30237	29953	30000	0.73	cps
Krypton	83-1	70	53	57	60	14.70	cps
Lead	206-1	1889	1806	1884	1859	2.51	cps
Lead	207-1	1656	1689	1595	1646	2.91	cps
Lead	208-1	7523	7412	7129	7355	2.77	cps
Lithium	6-1	1275549	1252449	1244515	1257504	1.28	cps
Magnesium	24-2	1484356	1496888	1481288	1487511	0.56	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-19	Instrumnet Name :	P7
Client Sample ID :	MBE5M8D	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:07:37	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	106324	107862	106126	106770	0.89	cps
Molybdenum	94-1	358	317	367	347	7.72	cps
Molybdenum	95-1	175	300	292	256	27.35	cps
Molybdenum	96-1	283	275	275	278	1.73	cps
Molybdenum	97-1	167	158	142	156	8.19	cps
Molybdenum	98-1	483	392	425	433	10.71	cps
Neodymium	150-1	360	327	240	309	20.05	cps
Neodymium	150-2	110	107	110	109	1.77	cps
Nickel	60-2	4241	4101	4444	4262	4.05	cps
Phosphorus	31-2	92	108	142	114	22.35	cps
Potassium	39-2	103602	105340	102788	103910	1.25	cps
Rhodium	103-1	1796486	1744453	1743318	1761419	1.72	cps
Rhodium	103-2	881980	896662	884132	887591	0.89	cps
Scandium	45-1	1690539	1645468	1628243	1654750	1.94	cps
Scandium	45-2	75160	77790	75622	76190	1.84	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	9	15	19	14	32.83	cps
Selenium	82-1	18	48	31	32	47.10	cps
Silicon	28-1	22215024	21849376	21701124	21921841	1.21	cps
Silver	109-1	108	167	208	161	31.18	cps
Silver	107-1	150	158	225	178	23.12	cps
Sodium	23-2	7135526	7175970	7099902	7137133	0.53	cps
Strontium	86-1	293501	287231	281101	287278	2.16	cps
Strontium	88-1	2476656	2401968	2396632	2425085	1.84	cps
Sulfur	34-1	299274	291551	294931	295252	1.31	cps
Terbium	159-1	3633972	3592525	3592444	3606314	0.66	cps
Terbium	159-2	1820944	1862039	1816201	1833061	1.38	cps
Thallium	203-1	33	50	67	50	33.34	cps
Thallium	205-1	133	108	150	131	16.06	cps
Thorium	232-1	311	267	361	313	15.10	cps
Tin	118-1	208	175	83	156	41.61	cps
Titanium	47-1	1592	1867	1850	1770	8.71	cps
Uranium	238-1	9854	10121	10204	10060	1.82	cps
Vanadium	51-2	2670	2560	2394	2541	5.48	cps
Yttrium	89-1	2441795	2387654	2373733	2401061	1.50	cps
Yttrium	89-2	365180	367300	362187	364889	0.70	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-19	Instrumnet Name :	P7
Client Sample ID :	MBE5M8D	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:07:37	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12212	12252	12018	12161	1.03	cps
Zirconium	90-1	658	500	508	556	16.04	cps
Zirconium	91-1	75	167	100	114	41.61	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18LX5	Instrumnet Name :	P7
Client Sample ID :	MBE5M8L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:11:14	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	475	483	508	489	3.55	cps
Antimony	121-1	50	50	50	50	0.00	cps
Arsenic	75-1	1201	1438	1106	1248	13.70	cps
Barium	135-1	45224	45108	45635	45322	0.61	cps
Barium	137-1	79452	79846	78397	79232	0.95	cps
Beryllium	9-1	23	30	27	27	12.51	cps
Bismuth	209-1	1939147	1942387	1916770	1932768	0.72	cps
Bismuth	209-2	1173316	1181789	1153829	1169645	1.23	cps
Boron	10-1	16401	16752	16359	16504	1.31	cps
Boron	11-1	71286	71738	69862	70962	1.38	cps
Cadmium	111-1	516	485	503	501	3.08	cps
Cadmium	106-1	742	692	708	714	3.57	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	340098	341318	342661	341359	0.38	cps
Calcium	44-1	5671601	5723840	5704586	5700009	0.46	cps
Chromium	52-2	863	853	867	861	0.81	cps
Cobalt	59-2	123	147	137	136	8.63	cps
Copper	63-2	437	407	457	434	5.74	cps
Dysprosium	156-1	17	25	50	31	56.77	cps
Dysprosium	156-2	13	30	27	23	37.81	cps
Erbium	164-1	42	33	17	31	41.66	cps
Erbium	164-2	10	17	23	17	39.99	cps
Gadolinium	160-1	67	50	33	50	33.34	cps
Gadolinium	160-2	40	37	53	43	20.34	cps
Holmium	165-1	3017932	3050765	3015966	3028221	0.65	cps
Holmium	165-2	1651119	1672380	1612391	1645297	1.85	cps
Indium	115-1	1782295	1779772	1749170	1770412	1.04	cps
Indium	115-2	394239	397724	385956	392640	1.54	cps
Iron	56-2	128008	127909	128412	128110	0.21	cps
Iron	57-2	5112	5134	5207	5151	0.96	cps
Krypton	83-1	40	60	73	58	29.04	cps
Lead	206-1	522	467	433	474	9.47	cps
Lead	207-1	478	394	294	389	23.60	cps
Lead	208-1	2039	1845	1611	1832	11.69	cps
Lithium	6-1	1072957	1079118	1068371	1073482	0.50	cps
Magnesium	24-2	264960	260404	265560	263641	1.07	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18LX5	Instrumnet Name :	P7
Client Sample ID :	MBE5M8L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:11:14	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18188	18348	18742	18426	1.55	cps
Molybdenum	94-1	67	108	108	94	25.47	cps
Molybdenum	95-1	108	67	125	100	30.05	cps
Molybdenum	96-1	108	67	75	83	26.46	cps
Molybdenum	97-1	42	67	17	42	60.00	cps
Molybdenum	98-1	117	92	108	106	12.06	cps
Neodymium	150-1	47	40	53	47	14.29	cps
Neodymium	150-2	23	33	23	27	21.65	cps
Nickel	60-2	770	697	703	723	5.61	cps
Phosphorus	31-2	42	25	17	28	45.82	cps
Potassium	39-2	20398	20765	21166	20776	1.85	cps
Rhodium	103-1	1562692	1557807	1533581	1551360	1.00	cps
Rhodium	103-2	808783	819646	796497	808309	1.43	cps
Scandium	45-1	1416207	1433227	1394638	1414691	1.37	cps
Scandium	45-2	66897	67238	64690	66275	2.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	9	7	9	19.98	cps
Selenium	82-1	20	2	-2	7	174.91	cps
Silicon	28-1	3587372	3606894	3594831	3596366	0.27	cps
Silver	109-1	92	75	75	81	11.95	cps
Silver	107-1	108	75	133	106	27.73	cps
Sodium	23-2	1206461	1200808	1193770	1200346	0.53	cps
Strontium	86-1	48064	46928	47680	47557	1.22	cps
Strontium	88-1	410881	409542	404882	408435	0.77	cps
Sulfur	34-1	146236	144704	143519	144820	0.94	cps
Terbium	159-1	3068696	3103920	3079582	3084066	0.58	cps
Terbium	159-2	1619558	1641638	1590655	1617284	1.58	cps
Thallium	203-1	50	33	17	33	50.00	cps
Thallium	205-1	58	50	33	47	26.97	cps
Thorium	232-1	94	128	56	93	39.04	cps
Tin	118-1	175	175	150	167	8.66	cps
Titanium	47-1	317	300	250	289	12.01	cps
Uranium	238-1	1800	1650	1609	1686	5.98	cps
Vanadium	51-2	420	423	427	423	0.79	cps
Yttrium	89-1	2055665	2064059	2037515	2052413	0.66	cps
Yttrium	89-2	323379	324777	314568	320908	1.72	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18LX5	Instrumnet Name :	P7
Client Sample ID :	MBE5M8L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:11:14	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2094	2014	2244	2117	5.52	cps
Zirconium	90-1	258	200	225	228	12.85	cps
Zirconium	91-1	58	42	50	50	16.67	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-20	Instrumnet Name :	P7
Client Sample ID :	MBE5M8S	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:14:51	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58967	58858	59444	59090	0.53	cps
Antimony	121-1	224265	218280	218483	220342	1.54	cps
Arsenic	75-1	23018	22623	21537	22393	3.43	cps
Barium	135-1	1514831	1486810	1470435	1490692	1.51	cps
Barium	137-1	2760403	2703478	2685416	2716432	1.44	cps
Beryllium	9-1	40384	39087	39157	39543	1.84	cps
Bismuth	209-1	2289346	2249815	2208336	2249166	1.80	cps
Bismuth	209-2	1308453	1318379	1319840	1315557	0.47	cps
Boron	10-1	56782	58046	55687	56838	2.08	cps
Boron	11-1	248547	249205	248475	248742	0.16	cps
Cadmium	111-1	31026	30235	29940	30400	1.85	cps
Cadmium	106-1	3876	3567	3559	3667	4.92	cps
Cadmium	108-1	1979	2000	1800	1927	5.71	cps
Calcium	43-1	2080542	2024783	2010430	2038585	1.82	cps
Calcium	44-1	34960021	34509285	34242141	34570482	1.05	cps
Chromium	52-2	147014	146425	147222	146887	0.28	cps
Cobalt	59-2	493915	495224	496199	495113	0.23	cps
Copper	63-2	152961	154845	153867	153891	0.61	cps
Dysprosium	156-1	225	175	167	189	16.70	cps
Dysprosium	156-2	133	170	120	141	18.35	cps
Erbium	164-1	175	183	225	194	13.78	cps
Erbium	164-2	103	80	77	87	16.77	cps
Gadolinium	160-1	167	250	175	197	23.27	cps
Gadolinium	160-2	160	193	190	181	10.14	cps
Holmium	165-1	3657671	3612409	3574153	3614744	1.16	cps
Holmium	165-2	1920490	1928408	1935603	1928167	0.39	cps
Indium	115-1	2112363	2055488	2042305	2070052	1.80	cps
Indium	115-2	452146	448164	447176	449162	0.59	cps
Iron	56-2	1296903	1312314	1297826	1302348	0.66	cps
Iron	57-2	43431	44607	44133	44057	1.34	cps
Krypton	83-1	73	50	43	56	28.35	cps
Lead	206-1	51980	49905	49777	50554	2.45	cps
Lead	207-1	45886	45223	43962	45024	2.17	cps
Lead	208-1	205977	201469	198262	201903	1.92	cps
Lithium	6-1	1313949	1287141	1271301	1290797	1.67	cps
Magnesium	24-2	1494483	1487810	1492939	1491744	0.23	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-20	Instrumnet Name :	P7
Client Sample ID :	MBE5M8S	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:14:51	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	329864	332682	330958	331168	0.43	cps
Molybdenum	94-1	325	325	317	322	1.49	cps
Molybdenum	95-1	225	317	133	225	40.74	cps
Molybdenum	96-1	292	300	317	303	4.21	cps
Molybdenum	97-1	58	142	158	119	44.85	cps
Molybdenum	98-1	400	383	317	367	12.03	cps
Neodymium	150-1	460	407	340	402	14.95	cps
Neodymium	150-2	130	170	140	147	14.19	cps
Nickel	60-2	123437	123320	122563	123107	0.39	cps
Phosphorus	31-2	133	100	117	117	14.29	cps
Potassium	39-2	104760	102225	102117	103034	1.45	cps
Rhodium	103-1	1801490	1755738	1751896	1769708	1.56	cps
Rhodium	103-2	896688	897574	894655	896306	0.17	cps
Scandium	45-1	1699529	1658093	1648831	1668818	1.62	cps
Scandium	45-2	76905	76436	76737	76693	0.31	cps
Selenium	77-2	293	297	257	282	7.86	cps
Selenium	78-2	1067	993	1032	1030	3.60	cps
Selenium	82-1	6831	6795	6776	6800	0.41	cps
Silicon	28-1	22121136	21669787	21554615	21781846	1.37	cps
Silver	109-1	120888	117333	116535	118252	1.96	cps
Silver	107-1	128587	123350	121265	124401	3.03	cps
Sodium	23-2	7207839	7137160	7136657	7160552	0.57	cps
Strontium	86-1	292651	286706	282289	287215	1.81	cps
Strontium	88-1	2461999	2419422	2377539	2419654	1.75	cps
Sulfur	34-1	289810	284204	279371	284462	1.84	cps
Terbium	159-1	3727592	3695803	3643143	3688846	1.16	cps
Terbium	159-2	1876541	1885738	1891622	1884634	0.40	cps
Thallium	203-1	149076	145580	146684	147113	1.21	cps
Thallium	205-1	358667	351094	348584	352782	1.49	cps
Thorium	232-1	328	433	428	396	14.99	cps
Tin	118-1	142	158	150	150	5.56	cps
Titanium	47-1	1308	1450	1450	1403	5.83	cps
Uranium	238-1	10605	9796	10138	10179	3.99	cps
Vanadium	51-2	301666	303486	302026	302393	0.32	cps
Yttrium	89-1	2470310	2401666	2401273	2424416	1.64	cps
Yttrium	89-2	370733	370276	371105	370704	0.11	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-20	Instrumnet Name :	P7
Client Sample ID :	MBE5M8S	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:14:51	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	68249	67776	67595	67873	0.50	cps
Zirconium	90-1	492	542	675	569	16.64	cps
Zirconium	91-1	133	142	125	133	6.25	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-21	Instrumnet Name :	P7
Client Sample ID :	MBE5N6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:18:28	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	367	358	367	2.27	cps
Antimony	121-1	192	183	217	197	8.80	cps
Arsenic	75-1	5849	6010	5946	5935	1.36	cps
Barium	135-1	51831	51069	49748	50883	2.07	cps
Barium	137-1	88457	88171	86452	87693	1.24	cps
Beryllium	9-1	70	20	40	43	58.08	cps
Bismuth	209-1	2291647	2222978	2224418	2246348	1.75	cps
Bismuth	209-2	1297042	1303461	1304535	1301679	0.31	cps
Boron	10-1	39143	38951	39118	39071	0.27	cps
Boron	11-1	169785	173880	172407	172024	1.21	cps
Cadmium	111-1	649	575	550	591	8.71	cps
Cadmium	106-1	925	792	783	833	9.54	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	334651	330192	325581	330141	1.37	cps
Calcium	44-1	5514726	5471039	5420109	5468625	0.87	cps
Chromium	52-2	207	193	227	209	8.03	cps
Cobalt	59-2	57	77	60	64	16.63	cps
Copper	63-2	688	637	684	670	4.25	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	17	7	3	9	78.08	cps
Erbium	164-1	8	50	33	31	68.64	cps
Erbium	164-2	30	17	17	21	36.45	cps
Gadolinium	160-1	25	0	25	17	86.60	cps
Gadolinium	160-2	43	57	40	47	18.90	cps
Holmium	165-1	3534339	3473126	3476768	3494744	0.98	cps
Holmium	165-2	1822621	1846389	1837293	1835434	0.65	cps
Indium	115-1	2057462	2017817	1992705	2022661	1.61	cps
Indium	115-2	431902	435919	435420	434414	0.50	cps
Iron	56-2	14819	15147	15108	15025	1.19	cps
Iron	57-2	2034	2250	1934	2072	7.81	cps
Krypton	83-1	47	67	40	51	27.15	cps
Lead	206-1	3351	3184	3139	3225	3.45	cps
Lead	207-1	2789	2656	2656	2700	2.85	cps
Lead	208-1	12747	12391	12480	12540	1.48	cps
Lithium	6-1	1241964	1219581	1205008	1222184	1.52	cps
Magnesium	24-2	1449285	1463066	1459226	1457192	0.49	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-21	Instrumnet Name :	P7
Client Sample ID :	MBE5N6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:18:28	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53765	53430	54062	53752	0.59	cps
Molybdenum	94-1	1142	1250	975	1122	12.34	cps
Molybdenum	95-1	1875	1909	1750	1845	4.53	cps
Molybdenum	96-1	1884	1842	2134	1953	8.08	cps
Molybdenum	97-1	1092	1050	1058	1067	2.07	cps
Molybdenum	98-1	2875	2759	2925	2853	3.00	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	123	93	77	98	24.19	cps
Phosphorus	31-2	175	133	158	156	13.48	cps
Potassium	39-2	81708	84817	83409	83311	1.87	cps
Rhodium	103-1	1789040	1742906	1734544	1755497	1.67	cps
Rhodium	103-2	879577	886897	889882	885452	0.60	cps
Scandium	45-1	1619749	1591773	1571440	1594321	1.52	cps
Scandium	45-2	72922	73716	74067	73568	0.80	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	9	17	9	12	36.47	cps
Selenium	82-1	26	-5	29	17	112.43	cps
Silicon	28-1	17130965	17035139	16822684	16996263	0.93	cps
Silver	109-1	150	108	150	136	17.67	cps
Silver	107-1	150	158	108	139	19.29	cps
Sodium	23-2	1590990	1608516	1605547	1601684	0.59	cps
Strontium	86-1	1219032	1201060	1179583	1199892	1.65	cps
Strontium	88-1	10971435	10875192	10813130	10886585	0.73	cps
Sulfur	34-1	284873	282548	281604	283008	0.59	cps
Terbium	159-1	3578506	3567658	3540389	3562184	0.55	cps
Terbium	159-2	1787400	1796509	1805256	1796388	0.50	cps
Thallium	203-1	33	8	25	22	57.29	cps
Thallium	205-1	83	75	33	64	41.93	cps
Thorium	232-1	44	6	17	22	90.12	cps
Tin	118-1	183	150	133	156	16.37	cps
Titanium	47-1	367	433	408	403	8.36	cps
Uranium	238-1	40013	37748	39220	38993	2.95	cps
Vanadium	51-2	5841	5801	5541	5728	2.85	cps
Yttrium	89-1	2355817	2302117	2281748	2313228	1.65	cps
Yttrium	89-2	352220	355554	352756	353510	0.51	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-21	Instrumnet Name :	P7
Client Sample ID :	MBE5N6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:18:28	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1450	1487	1590	1509	4.81	cps
Zirconium	90-1	217	217	208	214	2.25	cps
Zirconium	91-1	42	42	33	39	12.38	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-22	Instrumnet Name :	P7
Client Sample ID :	MBE5N8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:22:04	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	383	408	378	8.91	cps
Antimony	121-1	117	217	142	158	32.87	cps
Arsenic	75-1	4426	4726	5447	4866	10.79	cps
Barium	135-1	28472	27946	27720	28046	1.38	cps
Barium	137-1	48544	49581	48762	48962	1.12	cps
Beryllium	9-1	70	47	47	54	24.74	cps
Bismuth	209-1	2293626	2178129	2206100	2225952	2.71	cps
Bismuth	209-2	1303307	1310031	1309883	1307740	0.29	cps
Boron	10-1	40363	40606	42302	41090	2.57	cps
Boron	11-1	178577	177714	183224	179839	1.65	cps
Cadmium	111-1	587	700	712	666	10.34	cps
Cadmium	106-1	825	983	1017	942	10.87	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	387889	373404	375012	378768	2.10	cps
Calcium	44-1	6349019	6240539	6206544	6265367	1.19	cps
Chromium	52-2	517	467	477	487	5.44	cps
Cobalt	59-2	40	40	50	43	13.32	cps
Copper	63-2	2784	2658	2718	2720	2.32	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	13	0	13	9	86.60	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	20	10	7	12	56.76	cps
Gadolinium	160-1	33	8	33	25	57.74	cps
Gadolinium	160-2	40	30	47	39	21.57	cps
Holmium	165-1	3541104	3440984	3479199	3487096	1.45	cps
Holmium	165-2	1850319	1850821	1859695	1853612	0.28	cps
Indium	115-1	2072248	1986473	1993665	2017462	2.36	cps
Indium	115-2	440427	439337	437413	439059	0.35	cps
Iron	56-2	4390	4240	4145	4258	2.90	cps
Iron	57-2	1917	2145	2089	2050	5.79	cps
Krypton	83-1	57	50	43	50	13.34	cps
Lead	206-1	10983	10699	10944	10875	1.41	cps
Lead	207-1	9370	9437	9064	9291	2.14	cps
Lead	208-1	43429	42489	41687	42535	2.05	cps
Lithium	6-1	1239060	1204002	1205380	1216147	1.63	cps
Magnesium	24-2	1763591	1757719	1757394	1759568	0.20	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-22	Instrumnet Name :	P7
Client Sample ID :	MBE5N8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:22:04	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9510	9643	9670	9608	0.89	cps
Molybdenum	94-1	575	975	825	792	25.53	cps
Molybdenum	95-1	1108	1267	1292	1222	8.14	cps
Molybdenum	96-1	1475	1433	1242	1383	9.00	cps
Molybdenum	97-1	650	767	667	694	9.09	cps
Molybdenum	98-1	1984	1842	2092	1972	6.36	cps
Neodymium	150-1	20	47	7	24	83.31	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	80	43	80	68	31.24	cps
Phosphorus	31-2	50	67	100	72	35.26	cps
Potassium	39-2	89143	87097	88169	88136	1.16	cps
Rhodium	103-1	1803678	1732948	1741616	1759414	2.19	cps
Rhodium	103-2	894647	891315	896668	894210	0.30	cps
Scandium	45-1	1633629	1573727	1579302	1595553	2.07	cps
Scandium	45-2	73622	73438	74878	73979	1.06	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	11	11	9	10	10.18	cps
Selenium	82-1	19	25	11	18	39.13	cps
Silicon	28-1	17510077	17222014	17249585	17327225	0.92	cps
Silver	109-1	92	75	75	81	11.95	cps
Silver	107-1	125	117	133	125	6.67	cps
Sodium	23-2	1950675	1920673	1921225	1930858	0.89	cps
Strontium	86-1	1382838	1339565	1340470	1354291	1.83	cps
Strontium	88-1	12475554	12155290	12291378	12307407	1.31	cps
Sulfur	34-1	320709	313543	313926	316059	1.28	cps
Terbium	159-1	3605665	3497289	3551062	3551339	1.53	cps
Terbium	159-2	1820422	1809401	1824443	1818089	0.43	cps
Thallium	203-1	25	42	8	25	66.68	cps
Thallium	205-1	83	42	67	64	32.83	cps
Thorium	232-1	39	33	22	31	26.96	cps
Tin	118-1	92	183	183	153	34.64	cps
Titanium	47-1	425	275	342	347	21.64	cps
Uranium	238-1	46025	45332	44286	45214	1.94	cps
Vanadium	51-2	3390	3407	3377	3392	0.44	cps
Yttrium	89-1	2362858	2269068	2277038	2302988	2.26	cps
Yttrium	89-2	359729	357192	361973	359631	0.67	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-22	Instrumnet Name :	P7
Client Sample ID :	MBE5N8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:22:04	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4021	4047	4211	4093	2.51	cps
Zirconium	90-1	233	183	158	192	19.92	cps
Zirconium	91-1	58	42	33	44	28.65	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18A	Instrumnet Name :	P7
Client Sample ID :	MBE5M8A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:25:39	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3401	2759	2900	3020	11.17	cps
Antimony	121-1	325	225	342	297	21.23	cps
Arsenic	75-1	5770	4963	5086	5273	8.24	cps
Barium	135-1	277426	272311	266110	271949	2.08	cps
Barium	137-1	482509	476835	467260	475535	1.62	cps
Beryllium	9-1	27	40	23	30	29.40	cps
Bismuth	209-1	2252385	2202575	2183663	2212875	1.60	cps
Bismuth	209-2	1279636	1290526	1289135	1286432	0.46	cps
Boron	10-1	56164	59024	56741	57310	2.64	cps
Boron	11-1	244677	247910	246038	246208	0.66	cps
Cadmium	111-1	738	702	731	724	2.62	cps
Cadmium	106-1	983	942	967	964	2.18	cps
Cadmium	108-1	13	4	0	6	114.53	cps
Calcium	43-1	2022966	1989750	1993561	2002092	0.91	cps
Calcium	44-1	34522703	34170328	34167476	34286835	0.60	cps
Chromium	52-2	4274	4107	4034	4138	2.97	cps
Cobalt	59-2	787	823	667	759	10.80	cps
Copper	63-2	1350	1400	1477	1409	4.54	cps
Dysprosium	156-1	225	208	192	208	8.00	cps
Dysprosium	156-2	90	120	137	116	20.47	cps
Erbium	164-1	92	200	158	150	36.43	cps
Erbium	164-2	103	80	40	74	43.03	cps
Gadolinium	160-1	158	250	175	194	25.11	cps
Gadolinium	160-2	170	137	117	141	19.09	cps
Holmium	165-1	3588588	3583360	3515300	3562416	1.15	cps
Holmium	165-2	1872902	1874567	1865613	1871028	0.25	cps
Indium	115-1	2064051	2029664	2003816	2032510	1.49	cps
Indium	115-2	438494	436445	441797	438912	0.62	cps
Iron	56-2	722638	732557	735872	730356	0.94	cps
Iron	57-2	29814	29118	29291	29408	1.23	cps
Krypton	83-1	70	60	63	64	7.90	cps
Lead	206-1	1839	2122	1778	1913	9.61	cps
Lead	207-1	1545	1445	1506	1498	3.37	cps
Lead	208-1	6934	7134	6923	6997	1.70	cps
Lithium	6-1	1291402	1269072	1255306	1271927	1.43	cps
Magnesium	24-2	1472596	1469686	1468658	1470313	0.14	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18A	Instrumnet Name :	P7
Client Sample ID :	MBE5M8A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:25:39	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	104010	106408	105961	105460	1.21	cps
Molybdenum	94-1	350	300	283	311	11.15	cps
Molybdenum	95-1	217	258	242	239	8.78	cps
Molybdenum	96-1	325	242	250	272	16.86	cps
Molybdenum	97-1	108	208	125	147	36.39	cps
Molybdenum	98-1	258	392	283	311	22.78	cps
Neodymium	150-1	253	313	333	300	13.88	cps
Neodymium	150-2	77	100	120	99	21.93	cps
Nickel	60-2	4297	4304	4194	4265	1.45	cps
Phosphorus	31-2	83	83	142	103	32.76	cps
Potassium	39-2	100909	101017	102594	101507	0.93	cps
Rhodium	103-1	1768306	1733077	1725670	1742351	1.31	cps
Rhodium	103-2	881144	876334	883901	880459	0.43	cps
Scandium	45-1	1655739	1641179	1639776	1645565	0.54	cps
Scandium	45-2	75293	74459	74714	74822	0.57	cps
Selenium	77-2	40	13	10	21	77.90	cps
Selenium	78-2	117	107	107	110	4.84	cps
Selenium	82-1	514	691	597	601	14.72	cps
Silicon	28-1	21862914	21530945	21413551	21602470	1.08	cps
Silver	109-1	167	133	125	142	15.56	cps
Silver	107-1	225	150	175	183	20.83	cps
Sodium	23-2	7036868	7061459	7006820	7035049	0.39	cps
Strontium	86-1	286234	282410	284010	284218	0.68	cps
Strontium	88-1	2411645	2361614	2369586	2380948	1.13	cps
Sulfur	34-1	287006	282861	279925	283264	1.26	cps
Terbium	159-1	3677562	3632340	3579835	3629912	1.35	cps
Terbium	159-2	1837402	1840147	1836294	1837948	0.11	cps
Thallium	203-1	33	75	58	56	37.75	cps
Thallium	205-1	167	92	83	114	40.30	cps
Thorium	232-1	344	467	372	394	16.24	cps
Tin	118-1	192	150	217	186	18.10	cps
Titanium	47-1	1917	1984	1784	1895	5.38	cps
Uranium	238-1	9604	10204	9812	9874	3.09	cps
Vanadium	51-2	2404	2337	2464	2401	2.64	cps
Yttrium	89-1	2418122	2366531	2337718	2374124	1.72	cps
Yttrium	89-2	359628	360070	363317	361005	0.56	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-18A	Instrumnet Name :	P7
Client Sample ID :	MBE5M8A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:25:39	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12052	11511	11561	11708	2.55	cps
Zirconium	90-1	508	517	558	528	5.07	cps
Zirconium	91-1	150	100	117	122	20.83	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16DLX10	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	10
Date & Time Acquired ::	2019-06-24 17:29:16	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1767	1884	1775	1809	3.60	cps
Antimony	121-1	50	42	67	53	24.12	cps
Arsenic	75-1	761	925	857	848	9.73	cps
Barium	135-1	3809	3551	3709	3690	3.53	cps
Barium	137-1	6227	6443	6393	6355	1.79	cps
Beryllium	9-1	33	30	17	27	33.06	cps
Bismuth	209-1	1939137	1892681	1929787	1920535	1.28	cps
Bismuth	209-2	1142338	1159471	1148656	1150155	0.75	cps
Boron	10-1	10237	9662	10095	9998	3.00	cps
Boron	11-1	44709	43004	43397	43703	2.04	cps
Cadmium	111-1	463	525	625	538	15.29	cps
Cadmium	106-1	633	717	867	739	16.00	cps
Cadmium	108-1	8	8	21	12	57.75	cps
Calcium	43-1	125638	123816	124410	124621	0.75	cps
Calcium	44-1	1959526	1944913	1952787	1952409	0.37	cps
Chromium	52-2	480	433	447	453	5.30	cps
Cobalt	59-2	137	130	163	143	12.31	cps
Copper	63-2	632	629	602	621	2.65	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	17	17	17	17	0.00	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	17	23	13	18	28.64	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	40	43	67	50	29.06	cps
Holmium	165-1	2930551	2909501	3021504	2953852	2.02	cps
Holmium	165-2	1607212	1628474	1591234	1608974	1.16	cps
Indium	115-1	1717755	1707501	1752442	1725899	1.36	cps
Indium	115-2	384601	388202	381457	384753	0.88	cps
Iron	56-2	89700	89806	87912	89139	1.19	cps
Iron	57-2	2834	2778	2906	2839	2.26	cps
Krypton	83-1	60	50	40	50	20.00	cps
Lead	206-1	350	428	467	415	14.32	cps
Lead	207-1	283	328	339	317	9.28	cps
Lead	208-1	1417	1628	1572	1539	7.11	cps
Lithium	6-1	1043169	1038178	1066959	1049435	1.47	cps
Magnesium	24-2	114266	112880	114064	113737	0.66	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16DLX10	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	10
Date & Time Acquired ::	2019-06-24 17:29:16	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5251	5318	5374	5314	1.16	cps
Molybdenum	94-1	125	117	117	119	4.03	cps
Molybdenum	95-1	75	67	42	61	28.38	cps
Molybdenum	96-1	75	58	100	78	26.96	cps
Molybdenum	97-1	25	8	58	31	83.33	cps
Molybdenum	98-1	33	75	67	58	37.80	cps
Neodymium	150-1	20	60	27	36	60.27	cps
Neodymium	150-2	37	13	10	20	72.66	cps
Nickel	60-2	160	147	190	166	13.41	cps
Phosphorus	31-2	75	50	17	47	61.97	cps
Potassium	39-2	15600	15400	15142	15381	1.50	cps
Rhodium	103-1	1509410	1502050	1537977	1516479	1.25	cps
Rhodium	103-2	790104	798481	788161	792249	0.69	cps
Scandium	45-1	1382401	1373168	1410501	1388690	1.40	cps
Scandium	45-2	64922	64567	64125	64538	0.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	11	4	10	57.30	cps
Selenium	82-1	3	7	23	11	97.36	cps
Silicon	28-1	1496076	1485139	1500569	1493928	0.53	cps
Silver	109-1	58	25	33	39	44.62	cps
Silver	107-1	117	42	92	83	45.82	cps
Sodium	23-2	440481	448424	443203	444036	0.91	cps
Strontium	86-1	17595	17720	18037	17784	1.28	cps
Strontium	88-1	151272	151255	148545	150357	1.04	cps
Sulfur	34-1	158460	158779	161937	159725	1.20	cps
Terbium	159-1	2969548	2981153	3089044	3013248	2.19	cps
Terbium	159-2	1563473	1604084	1562053	1576537	1.51	cps
Thallium	203-1	17	8	8	11	43.34	cps
Thallium	205-1	42	25	25	31	31.50	cps
Thorium	232-1	89	111	111	104	12.37	cps
Tin	118-1	158	217	150	175	20.76	cps
Titanium	47-1	1100	1000	1033	1045	4.88	cps
Uranium	238-1	942	942	1083	989	8.27	cps
Vanadium	51-2	313	280	307	300	5.88	cps
Yttrium	89-1	1986431	1967847	2008260	1987513	1.02	cps
Yttrium	89-2	311100	315499	311059	312553	0.82	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16DLX10	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	10
Date & Time Acquired ::	2019-06-24 17:29:16	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	44237	44504	43926	44222	0.65	cps
Zirconium	90-1	158	292	317	256	33.31	cps
Zirconium	91-1	58	67	75	67	12.49	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-17DLX5	Instrumnet Name :	P7
Client Sample ID :	MBE5M7	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:33:39	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3559	3626	3684	3623	1.73	cps
Antimony	121-1	17	50	50	39	49.48	cps
Arsenic	75-1	1008	591	689	763	28.58	cps
Barium	135-1	7602	7719	7677	7666	0.77	cps
Barium	137-1	13557	13157	13565	13426	1.74	cps
Beryllium	9-1	10	40	20	23	65.47	cps
Bismuth	209-1	1878423	1850219	1912358	1880333	1.65	cps
Bismuth	209-2	1145561	1148334	1154355	1149416	0.39	cps
Boron	10-1	12456	13139	13306	12967	3.48	cps
Boron	11-1	57920	55905	56999	56941	1.77	cps
Cadmium	111-1	681	633	645	653	3.79	cps
Cadmium	106-1	842	842	850	845	0.57	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Calcium	43-1	252011	249080	247272	249454	0.96	cps
Calcium	44-1	4191970	4170513	4193964	4185482	0.31	cps
Chromium	52-2	740	747	763	750	1.60	cps
Cobalt	59-2	270	263	297	277	6.37	cps
Copper	63-2	911	981	878	923	5.69	cps
Dysprosium	156-1	100	50	50	67	43.31	cps
Dysprosium	156-2	23	30	10	21	48.24	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	60	33	43	46	29.58	cps
Gadolinium	160-1	100	83	108	97	13.09	cps
Gadolinium	160-2	87	60	70	72	18.66	cps
Holmium	165-1	2871202	2835527	3008027	2904919	3.13	cps
Holmium	165-2	1609487	1613084	1619919	1614163	0.33	cps
Indium	115-1	1678938	1660093	1722825	1687285	1.91	cps
Indium	115-2	383847	384721	385760	384776	0.25	cps
Iron	56-2	179506	183126	176749	179794	1.78	cps
Iron	57-2	5801	5585	5868	5751	2.58	cps
Krypton	83-1	70	60	33	54	34.82	cps
Lead	206-1	689	561	689	646	11.42	cps
Lead	207-1	572	639	439	550	18.52	cps
Lead	208-1	2678	2439	2417	2511	5.77	cps
Lithium	6-1	1021989	1017420	1052944	1030784	1.87	cps
Magnesium	24-2	226436	228433	224591	226487	0.85	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-17DLX5	Instrumnet Name :	P7
Client Sample ID :	MBE5M7	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:33:39	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10691	10457	10414	10521	1.42	cps
Molybdenum	94-1	175	142	183	167	13.23	cps
Molybdenum	95-1	100	108	75	94	18.37	cps
Molybdenum	96-1	133	108	83	108	23.08	cps
Molybdenum	97-1	83	42	50	58	37.80	cps
Molybdenum	98-1	125	133	142	133	6.25	cps
Neodymium	150-1	53	60	87	67	26.46	cps
Neodymium	150-2	27	43	20	30	40.05	cps
Nickel	60-2	277	353	327	319	12.21	cps
Phosphorus	31-2	25	25	25	25	0.00	cps
Potassium	39-2	26850	26775	26307	26644	1.10	cps
Rhodium	103-1	1482892	1444411	1515564	1480956	2.40	cps
Rhodium	103-2	785531	782014	785737	784427	0.27	cps
Scandium	45-1	1321502	1313506	1367273	1334094	2.17	cps
Scandium	45-2	64955	64380	64242	64525	0.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	11	6	69.34	cps
Selenium	82-1	-6	-1	28	7	253.32	cps
Silicon	28-1	3150833	3143767	3154581	3149727	0.17	cps
Silver	109-1	25	17	75	39	81.12	cps
Silver	107-1	67	50	33	50	33.34	cps
Sodium	23-2	882245	880980	877268	880165	0.29	cps
Strontium	86-1	35912	34301	35370	35194	2.33	cps
Strontium	88-1	306007	304190	306290	305496	0.37	cps
Sulfur	34-1	213456	215164	212670	213763	0.60	cps
Terbium	159-1	2940182	2917860	3072891	2976978	2.82	cps
Terbium	159-2	1587166	1578539	1584435	1583380	0.28	cps
Thallium	203-1	0	33	0	11	173.21	cps
Thallium	205-1	42	33	67	47	36.74	cps
Thorium	232-1	217	167	150	178	19.52	cps
Tin	118-1	167	108	225	167	35.00	cps
Titanium	47-1	2234	1892	2109	2078	8.32	cps
Uranium	238-1	2159	1984	2125	2089	4.45	cps
Vanadium	51-2	580	600	510	563	8.39	cps
Yttrium	89-1	1938000	1923217	1999359	1953525	2.07	cps
Yttrium	89-2	312988	312837	311586	312470	0.25	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-17DLX5	Instrumnet Name :	P7
Client Sample ID :	MBE5M7	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:33:39	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	88248	88546	89234	88676	0.57	cps
Zirconium	90-1	458	375	425	419	10.00	cps
Zirconium	91-1	158	125	100	128	22.90	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16DL2X5	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:37:15	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3492	3484	3717	3565	3.72	cps
Antimony	121-1	25	25	58	36	53.30	cps
Arsenic	75-1	816	784	741	781	4.80	cps
Barium	135-1	7527	7561	7577	7555	0.34	cps
Barium	137-1	13432	13833	12706	13324	4.28	cps
Beryllium	9-1	10	43	30	28	60.40	cps
Bismuth	209-1	1936275	1926712	1896631	1919872	1.08	cps
Bismuth	209-2	1135409	1151771	1147244	1144808	0.74	cps
Boron	10-1	12589	12272	11938	12267	2.65	cps
Boron	11-1	54374	53755	53789	53973	0.64	cps
Cadmium	111-1	665	550	648	621	9.99	cps
Cadmium	106-1	858	683	825	789	11.78	cps
Cadmium	108-1	21	4	0	8	132.26	cps
Calcium	43-1	246494	245946	244029	245490	0.53	cps
Calcium	44-1	4141894	4116135	4103006	4120345	0.48	cps
Chromium	52-2	743	753	740	746	0.93	cps
Cobalt	59-2	210	253	240	234	9.47	cps
Copper	63-2	961	1051	958	990	5.34	cps
Dysprosium	156-1	50	58	58	56	8.67	cps
Dysprosium	156-2	33	33	27	31	12.36	cps
Erbium	164-1	42	75	92	69	36.66	cps
Erbium	164-2	43	57	37	46	22.36	cps
Gadolinium	160-1	75	83	75	78	6.19	cps
Gadolinium	160-2	53	67	90	70	26.51	cps
Holmium	165-1	2957837	2945935	2965160	2956311	0.33	cps
Holmium	165-2	1596504	1605276	1597726	1599835	0.30	cps
Indium	115-1	1747770	1717811	1702640	1722740	1.33	cps
Indium	115-2	377950	387659	381106	382238	1.30	cps
Iron	56-2	172991	175658	173928	174192	0.78	cps
Iron	57-2	5673	5896	5585	5718	2.80	cps
Krypton	83-1	20	47	60	42	48.24	cps
Lead	206-1	606	628	706	646	8.13	cps
Lead	207-1	456	489	533	493	7.92	cps
Lead	208-1	2434	2467	2511	2471	1.58	cps
Lithium	6-1	1054439	1048542	1041845	1048275	0.60	cps
Magnesium	24-2	222352	223966	220986	222435	0.67	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16DL2X5	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:37:15	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10394	10234	10374	10334	0.84	cps
Molybdenum	94-1	258	217	192	222	15.16	cps
Molybdenum	95-1	67	100	108	92	24.05	cps
Molybdenum	96-1	158	133	100	131	22.42	cps
Molybdenum	97-1	58	42	108	69	49.96	cps
Molybdenum	98-1	133	83	117	111	22.91	cps
Neodymium	150-1	60	100	73	78	26.18	cps
Neodymium	150-2	13	23	37	24	47.91	cps
Nickel	60-2	357	373	373	368	2.62	cps
Phosphorus	31-2	92	33	75	67	45.07	cps
Potassium	39-2	26541	25648	25473	25887	2.21	cps
Rhodium	103-1	1515872	1506422	1491763	1504686	0.81	cps
Rhodium	103-2	768712	782778	772313	774601	0.94	cps
Scandium	45-1	1358268	1355277	1353201	1355582	0.19	cps
Scandium	45-2	64393	65089	64172	64551	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	6	9	7	31.45	cps
Selenium	82-1	57	14	-6	22	147.61	cps
Silicon	28-1	3133718	3148177	3114291	3132062	0.54	cps
Silver	109-1	50	33	42	42	20.00	cps
Silver	107-1	92	25	75	64	54.31	cps
Sodium	23-2	869738	868482	873447	870555	0.30	cps
Strontium	86-1	35745	34283	34559	34863	2.23	cps
Strontium	88-1	305439	303086	300963	303163	0.74	cps
Sulfur	34-1	212198	208719	206048	208989	1.48	cps
Terbium	159-1	3015469	3031235	3027261	3024655	0.27	cps
Terbium	159-2	1563727	1588938	1573615	1575427	0.81	cps
Thallium	203-1	25	8	17	17	50.01	cps
Thallium	205-1	67	42	50	53	24.12	cps
Thorium	232-1	128	172	189	163	19.39	cps
Tin	118-1	225	117	142	161	35.21	cps
Titanium	47-1	2009	1950	1817	1925	5.10	cps
Uranium	238-1	2025	2050	2117	2064	2.30	cps
Vanadium	51-2	563	573	540	559	3.06	cps
Yttrium	89-1	2002058	1979983	1977847	1986629	0.67	cps
Yttrium	89-2	306622	312277	309763	309554	0.92	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3302-16DL2X5	Instrumnet Name :	P7
Client Sample ID :	MBE5M6	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 17:37:15	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	85636	87436	88010	87027	1.42	cps
Zirconium	90-1	433	692	275	467	45.12	cps
Zirconium	91-1	117	83	117	106	18.23	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : CCV27 Instrumnet Name : P7
 Client Sample ID : CCV27 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 17:40:50 DataFile Name : 056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1157947	1173067	1172944	1167986	0.74	cps
Antimony	121-1	830932	827607	824205	827581	0.41	cps
Arsenic	75-1	171852	172262	170222	171445	0.63	cps
Barium	135-1	1325024	1317735	1324529	1322430	0.31	cps
Barium	137-1	2296797	2279984	2292383	2289721	0.38	cps
Beryllium	9-1	292360	292092	290566	291673	0.33	cps
Bismuth	209-1	1686316	1704865	1700861	1697347	0.58	cps
Bismuth	209-2	1023935	1033263	1034590	1030596	0.56	cps
Boron	10-1	54323	55913	56883	55706	2.32	cps
Boron	11-1	235712	241644	242228	239861	1.50	cps
Cadmium	111-1	241772	240048	240763	240861	0.36	cps
Cadmium	106-1	29198	28028	28638	28622	2.04	cps
Cadmium	108-1	19489	18930	19155	19191	1.47	cps
Calcium	43-1	1577374	1575920	1566362	1573219	0.38	cps
Calcium	44-1	26666615	26690604	26625865	26661028	0.12	cps
Chromium	52-2	284028	287586	283934	285183	0.73	cps
Cobalt	59-2	384144	391344	390760	388749	1.03	cps
Copper	63-2	500269	508560	504091	504307	0.82	cps
Dysprosium	156-1	25	92	50	56	60.62	cps
Dysprosium	156-2	20	30	40	30	33.33	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	33	25	8	22	57.29	cps
Gadolinium	160-2	33	30	37	33	10.01	cps
Holmium	165-1	2806008	2847735	2842353	2832032	0.80	cps
Holmium	165-2	1578582	1604738	1582360	1588560	0.89	cps
Indium	115-1	1580134	1587208	1579743	1582362	0.27	cps
Indium	115-2	357861	361542	360003	359802	0.51	cps
Iron	56-2	56779986	57173060	57129593	57027546	0.38	cps
Iron	57-2	1384046	1403568	1385236	1390950	0.79	cps
Krypton	83-1	63	37	37	46	33.79	cps
Lead	206-1	877194	889791	889724	885570	0.82	cps
Lead	207-1	795749	792856	798907	795837	0.38	cps
Lead	208-1	3554401	3560706	3573909	3563005	0.28	cps
Lithium	6-1	1004196	1009017	1005518	1006244	0.25	cps
Magnesium	24-2	13983825	14041139	13917864	13980943	0.44	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : CCV27 Instrumnet Name : P7
 Client Sample ID : CCV27 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 17:40:50 DataFile Name : 056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	356017	360509	357808	358111	0.63	cps
Molybdenum	94-1	1769698	1767140	1774248	1770362	0.20	cps
Molybdenum	95-1	2129984	2133471	2128293	2130582	0.12	cps
Molybdenum	96-1	2377882	2382279	2362312	2374158	0.44	cps
Molybdenum	97-1	1354586	1360499	1356285	1357123	0.22	cps
Molybdenum	98-1	3669215	3678590	3690213	3679339	0.29	cps
Neodymium	150-1	147	93	107	116	24.02	cps
Neodymium	150-2	13	3	17	11	62.48	cps
Nickel	60-2	90614	94106	91456	92059	1.98	cps
Phosphorus	31-2	12039	11797	11388	11741	2.80	cps
Potassium	39-2	5996752	6024094	5990546	6003797	0.30	cps
Rhodium	103-1	1319350	1324804	1328130	1324095	0.33	cps
Rhodium	103-2	709631	710890	714184	711568	0.33	cps
Scandium	45-1	1309808	1313594	1313979	1312460	0.18	cps
Scandium	45-2	64476	64778	63981	64412	0.62	cps
Selenium	77-2	820	963	843	876	8.78	cps
Selenium	78-2	3030	3102	2971	3034	2.17	cps
Selenium	82-1	17872	18092	18087	18017	0.70	cps
Silicon	28-1	763387	766690	777418	769165	0.95	cps
Silver	109-1	964769	968128	960655	964517	0.39	cps
Silver	107-1	1004087	1002206	1003691	1003328	0.10	cps
Sodium	23-2	28250560	28436699	28153303	28280187	0.51	cps
Strontium	86-1	294657	296731	293294	294894	0.59	cps
Strontium	88-1	2515229	2503787	2510816	2509944	0.23	cps
Sulfur	34-1	233221	230277	231977	231825	0.64	cps
Terbium	159-1	2879197	2894389	2902209	2891932	0.40	cps
Terbium	159-2	1546678	1552302	1550321	1549767	0.18	cps
Thallium	203-1	1089378	1092168	1085490	1089012	0.31	cps
Thallium	205-1	2710743	2731677	2755253	2732558	0.81	cps
Thorium	232-1	4841859	4878848	4886500	4869069	0.49	cps
Tin	118-1	719761	726353	717356	721157	0.65	cps
Titanium	47-1	696395	701234	700629	699420	0.38	cps
Uranium	238-1	4504330	4536840	4536972	4526047	0.42	cps
Vanadium	51-2	243837	244949	241446	243411	0.74	cps
Yttrium	89-1	1899727	1892640	1909602	1900656	0.45	cps
Yttrium	89-2	303748	308056	307379	306394	0.76	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:40:50	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	87064	88211	86903	87393	0.82	cps
Zirconium	90-1	1564622	1557315	1568035	1563324	0.35	cps
Zirconium	91-1	351803	350458	350633	350964	0.21	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:44:27	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	92	25	83	65.58	cps
Antimony	121-1	633	750	700	694	8.43	cps
Arsenic	75-1	-20	-63	8	-25	-145.15	cps
Barium	135-1	117	117	75	103	23.41	cps
Barium	137-1	317	175	125	206	48.36	cps
Beryllium	9-1	87	57	87	77	22.59	cps
Bismuth	209-1	1910954	1889274	1890998	1897075	0.64	cps
Bismuth	209-2	1131025	1147338	1137329	1138564	0.72	cps
Boron	10-1	4009	3851	3676	3845	4.34	cps
Boron	11-1	16677	17027	15917	16540	3.43	cps
Cadmium	111-1	603	638	560	600	6.50	cps
Cadmium	106-1	800	892	767	820	7.90	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	250	167	200	206	20.41	cps
Calcium	44-1	3809	3542	3192	3514	8.80	cps
Chromium	52-2	203	170	123	166	24.27	cps
Cobalt	59-2	27	33	30	30	11.10	cps
Copper	63-2	150	197	117	154	26.03	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	50	33	33	39	24.75	cps
Holmium	165-1	2888252	2894912	2928468	2903877	0.74	cps
Holmium	165-2	1587743	1592201	1580811	1586918	0.36	cps
Indium	115-1	1722086	1690365	1711420	1707957	0.95	cps
Indium	115-2	382135	389080	378106	383107	1.45	cps
Iron	56-2	3995	3184	2573	3250	21.95	cps
Iron	57-2	111	89	94	98	11.78	cps
Krypton	83-1	43	43	60	49	19.69	cps
Lead	206-1	361	283	239	294	21.01	cps
Lead	207-1	267	244	128	213	35.03	cps
Lead	208-1	1178	1028	856	1020	15.80	cps
Lithium	6-1	1052945	1043933	1049061	1048647	0.43	cps
Magnesium	24-2	808	717	708	744	7.45	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : CCB27 Instrumnet Name : P7
 Client Sample ID : CCB27 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 17:44:27 DataFile Name : 057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	23	43	33	30.00	cps
Molybdenum	94-1	558	358	358	425	27.17	cps
Molybdenum	95-1	683	467	417	522	27.14	cps
Molybdenum	96-1	625	608	492	575	12.64	cps
Molybdenum	97-1	458	242	283	328	35.08	cps
Molybdenum	98-1	933	758	867	853	10.36	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	7	27	17	17	59.99	cps
Phosphorus	31-2	33	42	0	25	88.19	cps
Potassium	39-2	3709	3951	4034	3898	4.33	cps
Rhodium	103-1	1526624	1490705	1504241	1507190	1.20	cps
Rhodium	103-2	785239	795248	783277	787922	0.81	cps
Scandium	45-1	1386199	1356742	1369457	1370799	1.08	cps
Scandium	45-2	64078	65142	62659	63959	1.95	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	11	7	15	11	33.30	cps
Selenium	82-1	21	20	3	14	69.04	cps
Silicon	28-1	37957	37908	37823	37896	0.18	cps
Silver	109-1	183	133	133	150	19.24	cps
Silver	107-1	125	100	192	139	34.12	cps
Sodium	23-2	5768	5693	4976	5479	7.98	cps
Strontium	86-1	117	117	133	122	7.87	cps
Strontium	88-1	350	300	233	294	19.88	cps
Sulfur	34-1	114378	110507	112186	112357	1.73	cps
Terbium	159-1	2976896	2964519	2996521	2979312	0.54	cps
Terbium	159-2	1555172	1568593	1555264	1559676	0.50	cps
Thallium	203-1	358	267	367	331	16.79	cps
Thallium	205-1	633	592	542	589	7.79	cps
Thorium	232-1	1217	1156	895	1089	15.72	cps
Tin	118-1	325	350	275	317	12.06	cps
Titanium	47-1	125	125	100	117	12.37	cps
Uranium	238-1	442	325	225	331	32.81	cps
Vanadium	51-2	10	20	20	17	34.64	cps
Yttrium	89-1	1967200	1957135	1961342	1961892	0.26	cps
Yttrium	89-2	307445	311122	310659	309742	0.65	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:44:27	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53	50	53	52	3.68	cps
Zirconium	90-1	350	400	367	372	6.84	cps
Zirconium	91-1	50	75	67	64	19.92	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : CRIRE Instrumnet Name : P7
 Client Sample ID : CRIRE Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 17:48:02 DataFile Name : 058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	467	508	417	464	9.89	cps
Antimony	121-1	3517	3409	3834	3587	6.16	cps
Arsenic	75-1	534	451	193	393	45.26	cps
Barium	135-1	5143	4793	4651	4862	5.21	cps
Barium	137-1	8678	8003	7861	8181	5.34	cps
Beryllium	9-1	617	733	680	677	8.63	cps
Bismuth	209-1	1902293	1867775	1876591	1882220	0.95	cps
Bismuth	209-2	1150026	1152300	1149943	1150756	0.12	cps
Boron	10-1	5001	5151	5368	5173	3.56	cps
Boron	11-1	22517	22317	22200	22345	0.72	cps
Cadmium	111-1	1092	1041	1099	1077	2.95	cps
Cadmium	106-1	925	892	900	906	1.92	cps
Cadmium	108-1	50	42	50	47	10.18	cps
Calcium	43-1	3659	3659	3559	3626	1.59	cps
Calcium	44-1	55171	55355	55438	55321	0.25	cps
Chromium	52-2	1400	1240	1357	1332	6.21	cps
Cobalt	59-2	843	870	807	840	3.79	cps
Copper	63-2	1120	1097	1104	1107	1.09	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	8	8	17	11	43.34	cps
Gadolinium	160-2	33	40	63	46	34.58	cps
Holmium	165-1	2875910	2864249	2932448	2890869	1.26	cps
Holmium	165-2	1598423	1604048	1605590	1602687	0.24	cps
Indium	115-1	1702876	1690745	1694980	1696200	0.36	cps
Indium	115-2	385315	387230	390438	387661	0.67	cps
Iron	56-2	26330	27081	27231	26881	1.80	cps
Iron	57-2	756	672	722	717	5.85	cps
Krypton	83-1	57	57	40	51	18.83	cps
Lead	206-1	2072	2100	2067	2080	0.86	cps
Lead	207-1	1817	1828	1939	1861	3.63	cps
Lead	208-1	7951	8212	8212	8125	1.86	cps
Lithium	6-1	1049027	1045724	1053400	1049383	0.37	cps
Magnesium	24-2	30691	31074	30849	30871	0.62	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:48:02	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	430	427	427	428	0.45	cps
Molybdenum	94-1	3484	3609	3992	3695	7.17	cps
Molybdenum	95-1	4209	4759	4751	4573	6.89	cps
Molybdenum	96-1	5268	5451	4968	5229	4.67	cps
Molybdenum	97-1	2892	2834	3025	2917	3.37	cps
Molybdenum	98-1	7394	7602	7769	7588	2.48	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	227	197	167	197	15.25	cps
Phosphorus	31-2	92	58	108	86	29.56	cps
Potassium	39-2	26950	27910	29572	28144	4.71	cps
Rhodium	103-1	1519281	1500783	1504964	1508343	0.64	cps
Rhodium	103-2	795216	806326	800123	800555	0.70	cps
Scandium	45-1	1379731	1363017	1369700	1370816	0.61	cps
Scandium	45-2	64623	65066	65963	65217	1.05	cps
Selenium	77-2	7	3	13	8	65.47	cps
Selenium	78-2	43	43	46	44	4.89	cps
Selenium	82-1	183	180	206	190	7.36	cps
Silicon	28-1	47719	47234	48237	47730	1.05	cps
Silver	109-1	2067	2109	2050	2075	1.45	cps
Silver	107-1	2150	2267	2275	2231	3.13	cps
Sodium	23-2	61008	62012	60313	61111	1.40	cps
Strontium	86-1	575	667	800	681	16.63	cps
Strontium	88-1	5009	4793	5551	5118	7.63	cps
Sulfur	34-1	113899	113866	114303	114023	0.21	cps
Terbium	159-1	2948555	2942542	2981039	2957378	0.70	cps
Terbium	159-2	1560690	1570562	1572068	1567773	0.39	cps
Thallium	203-1	2400	2267	2492	2386	4.74	cps
Thallium	205-1	5726	5568	5660	5651	1.41	cps
Thorium	232-1	9103	9165	8914	9061	1.44	cps
Tin	118-1	7861	7644	7853	7786	1.58	cps
Titanium	47-1	1617	1475	1383	1492	7.88	cps
Uranium	238-1	9020	8737	8487	8748	3.05	cps
Vanadium	51-2	2484	2744	2537	2588	5.31	cps
Yttrium	89-1	1962796	1933906	1968148	1954950	0.94	cps
Yttrium	89-2	313899	318655	319613	317389	0.96	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:48:02	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	223	237	243	234	4.34	cps
Zirconium	90-1	3401	3134	3150	3228	4.63	cps
Zirconium	91-1	833	642	625	700	16.54	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : PB120875BL Instrumnet Name : P7
 Client Sample ID : PB120875BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 17:51:38 DataFile Name : 059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	33	19	65.47	cps
Antimony	121-1	50	33	133	72	74.19	cps
Arsenic	75-1	58	-138	-93	-58	-177.23	cps
Barium	135-1	0	8	0	3	173.21	cps
Barium	137-1	0	0	8	3	173.21	cps
Beryllium	9-1	40	50	33	41	20.41	cps
Bismuth	209-1	1917843	1877587	1871819	1889083	1.33	cps
Bismuth	209-2	1134338	1144100	1145815	1141418	0.54	cps
Boron	10-1	2259	2142	1984	2128	6.49	cps
Boron	11-1	9553	9362	8786	9234	4.32	cps
Cadmium	111-1	530	575	688	598	13.63	cps
Cadmium	106-1	750	825	983	853	13.97	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	17	17	17	17	0.00	cps
Calcium	44-1	1000	1017	1217	1078	11.19	cps
Chromium	52-2	183	163	170	172	5.91	cps
Cobalt	59-2	3	17	7	9	78.08	cps
Copper	63-2	117	120	120	119	1.62	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	17	8	8	11	43.34	cps
Gadolinium	160-2	50	27	43	40	30.04	cps
Holmium	165-1	2891881	2911935	2895655	2899824	0.37	cps
Holmium	165-2	1579474	1592992	1592599	1588355	0.48	cps
Indium	115-1	1733171	1710378	1704195	1715915	0.89	cps
Indium	115-2	387495	386599	386091	386728	0.18	cps
Iron	56-2	700	678	561	646	11.54	cps
Iron	57-2	39	33	17	30	39.02	cps
Krypton	83-1	47	53	53	51	7.52	cps
Lead	206-1	189	144	106	146	28.50	cps
Lead	207-1	122	139	100	120	16.21	cps
Lead	208-1	550	472	422	482	13.37	cps
Lithium	6-1	1069214	1055746	1061167	1062043	0.64	cps
Magnesium	24-2	67	50	58	58	14.29	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120875BL	Instrumnet Name :	P7
Client Sample ID :	PB120875BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:51:38	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	7	7	10	57.72	cps
Molybdenum	94-1	83	125	67	92	32.78	cps
Molybdenum	95-1	58	50	33	47	26.97	cps
Molybdenum	96-1	33	67	125	75	61.87	cps
Molybdenum	97-1	17	8	8	11	43.34	cps
Molybdenum	98-1	58	100	50	69	38.57	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	13	7	20	13	49.99	cps
Phosphorus	31-2	25	8	0	11	114.58	cps
Potassium	39-2	3601	3276	3259	3378	5.70	cps
Rhodium	103-1	1544777	1520445	1518096	1527773	0.97	cps
Rhodium	103-2	798028	799771	799548	799116	0.12	cps
Scandium	45-1	1393334	1394352	1372735	1386807	0.88	cps
Scandium	45-2	65149	65655	65042	65282	0.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	19	0	10	94.38	cps
Selenium	82-1	18	1	-1	6	181.98	cps
Silicon	28-1	35000	34800	35126	34975	0.47	cps
Silver	109-1	42	0	25	22	94.38	cps
Silver	107-1	8	25	17	17	50.01	cps
Sodium	23-2	3209	2900	2850	2987	6.50	cps
Strontium	86-1	42	83	92	72	37.09	cps
Strontium	88-1	8	17	25	17	50.01	cps
Sulfur	34-1	113983	113514	112514	113337	0.66	cps
Terbium	159-1	2996425	2982127	2980401	2986318	0.29	cps
Terbium	159-2	1548606	1555507	1561638	1555250	0.42	cps
Thallium	203-1	92	100	50	81	33.25	cps
Thallium	205-1	142	192	133	156	20.28	cps
Thorium	232-1	139	167	161	156	9.45	cps
Tin	118-1	250	217	167	211	19.87	cps
Titanium	47-1	8	25	17	17	50.01	cps
Uranium	238-1	8	17	8	11	43.34	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Yttrium	89-1	1989473	1970852	1963354	1974560	0.68	cps
Yttrium	89-2	314784	314768	313463	314338	0.24	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120875BL	Instrumnet Name :	P7
Client Sample ID :	PB120875BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:51:38	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53	13	43	37	56.78	cps
Zirconium	90-1	192	183	208	194	6.55	cps
Zirconium	91-1	58	42	17	39	53.93	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120875BS	Instrumnet Name :	P7
Client Sample ID :	PB120875BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:55:15	DataFile Name :	060LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	255783	251148	250827	252586	1.10	cps
Antimony	121-1	907817	906290	892742	902283	0.92	cps
Arsenic	75-1	185160	182220	178266	181882	1.90	cps
Barium	135-1	1241922	1250561	1232333	1241605	0.73	cps
Barium	137-1	2158584	2144349	2129546	2144160	0.68	cps
Beryllium	9-1	319907	316990	315599	317499	0.69	cps
Bismuth	209-1	1869107	1869589	1878059	1872252	0.27	cps
Bismuth	209-2	1112422	1108783	1115192	1112132	0.29	cps
Boron	10-1	58405	59275	59016	58899	0.76	cps
Boron	11-1	249293	252330	254731	252118	1.08	cps
Cadmium	111-1	241853	242836	240284	241658	0.53	cps
Cadmium	106-1	29239	29131	29448	29273	0.55	cps
Cadmium	108-1	19835	19964	18875	19558	3.04	cps
Calcium	43-1	352764	351122	352247	352044	0.24	cps
Calcium	44-1	5874137	5895385	5850075	5873199	0.39	cps
Chromium	52-2	301204	299956	296533	299231	0.81	cps
Cobalt	59-2	416187	413212	411933	413777	0.53	cps
Copper	63-2	506205	501171	502715	503364	0.51	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	20	10	30	20	50.00	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	10	13	0	8	89.21	cps
Gadolinium	160-1	25	8	0	11	114.58	cps
Gadolinium	160-2	27	33	47	36	28.64	cps
Holmium	165-1	2972420	2979831	2963040	2971764	0.28	cps
Holmium	165-2	1622503	1614933	1611753	1616396	0.34	cps
Indium	115-1	1705341	1698195	1684828	1696121	0.61	cps
Indium	115-2	374715	375796	374223	374911	0.21	cps
Iron	56-2	12542245	12441766	12375997	12453336	0.67	cps
Iron	57-2	310317	307364	311254	309645	0.66	cps
Krypton	83-1	23	37	57	39	43.15	cps
Lead	206-1	976809	964187	968603	969866	0.66	cps
Lead	207-1	867672	869615	875490	870926	0.47	cps
Lead	208-1	3887094	3873988	3883700	3881594	0.18	cps
Lithium	6-1	1067558	1062126	1056400	1062028	0.53	cps
Magnesium	24-2	3037138	3014796	3011565	3021166	0.46	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120875BS	Instrumnet Name :	P7
Client Sample ID :	PB120875BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:55:15	DataFile Name :	060LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	377435	375201	377145	376594	0.32	cps
Molybdenum	94-1	1903763	1879485	1881598	1888282	0.71	cps
Molybdenum	95-1	2271446	2265307	2257339	2264698	0.31	cps
Molybdenum	96-1	2536589	2514686	2514846	2522040	0.50	cps
Molybdenum	97-1	1431474	1432153	1430315	1431314	0.06	cps
Molybdenum	98-1	3918206	3915989	3910075	3914757	0.11	cps
Neodymium	150-1	73	107	193	124	49.77	cps
Neodymium	150-2	10	20	3	11	75.52	cps
Nickel	60-2	100739	100813	100609	100720	0.10	cps
Phosphorus	31-2	12281	12264	12172	12239	0.48	cps
Potassium	39-2	1285771	1268091	1273389	1275750	0.71	cps
Rhodium	103-1	1460292	1467120	1454539	1460650	0.43	cps
Rhodium	103-2	762381	762949	762885	762738	0.04	cps
Scandium	45-1	1380265	1380803	1378462	1379843	0.09	cps
Scandium	45-2	65079	64426	64978	64828	0.54	cps
Selenium	77-2	1050	1000	933	994	5.89	cps
Selenium	78-2	3187	3200	3230	3206	0.68	cps
Selenium	82-1	19810	20045	19946	19934	0.59	cps
Silicon	28-1	937657	956182	959833	951224	1.25	cps
Silver	109-1	988712	990094	973279	984028	0.95	cps
Silver	107-1	1036347	1033191	1021938	1030492	0.73	cps
Sodium	23-2	6115028	6069491	6019972	6068164	0.78	cps
Strontium	86-1	315661	322957	315915	318178	1.30	cps
Strontium	88-1	2841718	2865768	2855522	2854336	0.42	cps
Sulfur	34-1	241892	239341	235032	238755	1.45	cps
Terbium	159-1	3031400	3028359	3037843	3032534	0.16	cps
Terbium	159-2	1588985	1591171	1573745	1584634	0.60	cps
Thallium	203-1	1185991	1177904	1169382	1177759	0.71	cps
Thallium	205-1	2979650	2988099	2976094	2981281	0.21	cps
Thorium	232-1	5058251	5099306	5148218	5101925	0.88	cps
Tin	118-1	789283	788085	781926	786431	0.50	cps
Titanium	47-1	742083	740293	731744	738040	0.75	cps
Uranium	238-1	4702124	4757875	4775798	4745266	0.81	cps
Vanadium	51-2	251891	251671	249783	251115	0.46	cps
Yttrium	89-1	2002784	1984584	1973829	1987065	0.74	cps
Yttrium	89-2	312950	312750	310988	312229	0.35	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	PB120875BS	Instrumnet Name :	P7
Client Sample ID :	PB120875BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:55:15	DataFile Name :	060LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	90712	88265	90055	89678	1.41	cps
Zirconium	90-1	1671738	1640261	1646309	1652770	1.01	cps
Zirconium	91-1	376973	372457	373760	374397	0.62	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01	Instrumnet Name :	P7
Client Sample ID :	390612127	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:58:52	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	50	64	19.93	cps
Antimony	121-1	575	683	833	697	18.61	cps
Arsenic	75-1	-62	-132	-23	-72	-76.13	cps
Barium	135-1	14783	14266	14783	14611	2.04	cps
Barium	137-1	26560	25950	25541	26017	1.97	cps
Beryllium	9-1	103	100	80	94	13.36	cps
Bismuth	209-1	1825522	1802721	1790078	1806107	0.99	cps
Bismuth	209-2	1082756	1094981	1099542	1092426	0.79	cps
Boron	10-1	7019	7019	6877	6971	1.17	cps
Boron	11-1	31166	30240	28953	30120	3.69	cps
Cadmium	111-1	637	563	616	605	6.35	cps
Cadmium	106-1	833	750	808	797	5.36	cps
Cadmium	108-1	13	0	0	4	173.21	cps
Calcium	43-1	604891	604442	597290	602208	0.71	cps
Calcium	44-1	10087308	10148413	10133599	10123107	0.31	cps
Chromium	52-2	523	533	477	511	5.92	cps
Cobalt	59-2	157	160	163	160	2.08	cps
Copper	63-2	13410	13147	13104	13220	1.25	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	13	0	3	6	124.93	cps
Erbium	164-1	8	17	8	11	43.34	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	17	8	0	8	100.02	cps
Gadolinium	160-2	33	30	47	37	24.06	cps
Holmium	165-1	2919477	2924533	2910138	2918049	0.25	cps
Holmium	165-2	1588907	1619337	1613482	1607242	1.00	cps
Indium	115-1	1707210	1677982	1686138	1690443	0.89	cps
Indium	115-2	378476	381220	383264	380987	0.63	cps
Iron	56-2	10487	10499	10170	10385	1.79	cps
Iron	57-2	3651	3556	4134	3780	8.20	cps
Krypton	83-1	60	70	43	58	23.32	cps
Lead	206-1	895	922	845	887	4.44	cps
Lead	207-1	878	811	789	826	5.60	cps
Lead	208-1	3756	3723	3389	3623	5.60	cps
Lithium	6-1	1059613	1060206	1060601	1060140	0.05	cps
Magnesium	24-2	2534626	2557080	2555047	2548918	0.49	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01	Instrumnet Name :	P7
Client Sample ID :	390612127	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:58:52	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	447	477	497	473	5.32	cps
Molybdenum	94-1	708	600	483	597	18.84	cps
Molybdenum	95-1	767	867	642	758	14.87	cps
Molybdenum	96-1	883	767	833	828	7.07	cps
Molybdenum	97-1	633	500	500	544	14.14	cps
Molybdenum	98-1	1425	983	1092	1167	19.73	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	327	423	430	393	14.70	cps
Phosphorus	31-2	33	58	50	47	26.97	cps
Potassium	39-2	54986	55579	54802	55123	0.74	cps
Rhodium	103-1	1470731	1468209	1453311	1464084	0.64	cps
Rhodium	103-2	764160	774606	774781	771182	0.79	cps
Scandium	45-1	1395915	1389352	1374287	1386518	0.80	cps
Scandium	45-2	66576	67486	66696	66919	0.74	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	11	17	12	39.74	cps
Selenium	82-1	21	42	52	39	40.20	cps
Silicon	28-1	6934597	6970923	6960880	6955467	0.27	cps
Silver	109-1	225	192	133	183	25.31	cps
Silver	107-1	100	183	167	150	29.40	cps
Sodium	23-2	8841458	8888509	8855337	8861768	0.27	cps
Strontium	86-1	55835	56738	56361	56311	0.81	cps
Strontium	88-1	491492	488942	486372	488936	0.52	cps
Sulfur	34-1	210566	212924	208310	210600	1.10	cps
Terbium	159-1	2973687	2982768	2978302	2978252	0.15	cps
Terbium	159-2	1550031	1576939	1575439	1567470	0.96	cps
Thallium	203-1	325	358	308	331	7.70	cps
Thallium	205-1	833	683	592	703	17.36	cps
Thorium	232-1	1678	1295	1100	1358	21.66	cps
Tin	118-1	13223	13357	12573	13051	3.21	cps
Titanium	47-1	308	258	267	278	9.64	cps
Uranium	238-1	3801	3667	3551	3673	3.41	cps
Vanadium	51-2	57	53	50	53	6.25	cps
Yttrium	89-1	1992704	1980990	1964774	1979489	0.71	cps
Yttrium	89-2	312651	317777	318491	316306	1.01	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01	Instrumnet Name :	P7
Client Sample ID :	390612127	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 17:58:52	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2294	2274	2377	2315	2.37	cps
Zirconium	90-1	425	475	383	428	10.73	cps
Zirconium	91-1	92	83	50	75	29.40	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01DUP	Instrumnet Name :	P7
Client Sample ID :	390612127DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:02:28	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	83	64	27.15	cps
Antimony	121-1	233	217	158	203	19.42	cps
Arsenic	75-1	-39	89	66	38	176.55	cps
Barium	135-1	14291	14675	14316	14427	1.49	cps
Barium	137-1	26860	25992	26426	26426	1.64	cps
Beryllium	9-1	103	43	87	78	39.83	cps
Bismuth	209-1	1844978	1813632	1829048	1829219	0.86	cps
Bismuth	209-2	1104242	1111380	1111660	1109094	0.38	cps
Boron	10-1	5735	5718	5576	5676	1.53	cps
Boron	11-1	24312	24738	24712	24587	0.97	cps
Cadmium	111-1	662	615	492	589	14.85	cps
Cadmium	106-1	933	867	683	828	15.64	cps
Cadmium	108-1	0	13	4	6	114.53	cps
Calcium	43-1	610164	605689	614164	610006	0.70	cps
Calcium	44-1	10202267	10318730	10436693	10319230	1.14	cps
Chromium	52-2	533	497	520	517	3.59	cps
Cobalt	59-2	117	147	147	137	12.67	cps
Copper	63-2	13450	13266	13675	13464	1.52	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	50	8	22	108.27	cps
Erbium	164-2	20	13	7	13	49.99	cps
Gadolinium	160-1	0	0	8	3	173.21	cps
Gadolinium	160-2	47	27	37	37	27.27	cps
Holmium	165-1	2958654	2972179	2964655	2965163	0.23	cps
Holmium	165-2	1629543	1643019	1626986	1633183	0.53	cps
Indium	115-1	1731417	1698828	1709421	1713222	0.97	cps
Indium	115-2	388929	389246	390879	389685	0.27	cps
Iron	56-2	10120	9970	10154	10081	0.97	cps
Iron	57-2	3695	4134	4151	3993	6.47	cps
Krypton	83-1	33	43	63	47	32.74	cps
Lead	206-1	878	961	839	893	7.00	cps
Lead	207-1	789	800	845	811	3.62	cps
Lead	208-1	3534	3556	3684	3591	2.25	cps
Lithium	6-1	1079610	1072648	1082661	1078306	0.48	cps
Magnesium	24-2	2637508	2633019	2616101	2628876	0.43	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01DUP	Instrumnet Name :	P7
Client Sample ID :	390612127DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:02:28	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	460	537	487	494	7.87	cps
Molybdenum	94-1	175	192	167	178	7.16	cps
Molybdenum	95-1	217	158	192	189	15.49	cps
Molybdenum	96-1	283	167	242	231	25.64	cps
Molybdenum	97-1	142	133	125	133	6.25	cps
Molybdenum	98-1	350	258	408	339	22.31	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	347	430	467	414	14.84	cps
Phosphorus	31-2	33	33	42	36	13.33	cps
Potassium	39-2	57211	57370	56935	57172	0.39	cps
Rhodium	103-1	1505711	1487488	1492318	1495172	0.63	cps
Rhodium	103-2	791644	796697	782578	790307	0.91	cps
Scandium	45-1	1425258	1398087	1416360	1413235	0.98	cps
Scandium	45-2	67918	68474	68250	68214	0.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	9	9	9	12.36	cps
Selenium	82-1	46	28	21	32	40.73	cps
Silicon	28-1	7058268	7091844	7117535	7089216	0.42	cps
Silver	109-1	42	42	58	47	20.38	cps
Silver	107-1	75	58	67	67	12.49	cps
Sodium	23-2	9139210	9154291	9126938	9140146	0.15	cps
Strontium	86-1	57591	55809	57390	56930	1.71	cps
Strontium	88-1	494841	492346	493811	493666	0.25	cps
Sulfur	34-1	220558	218801	219393	219584	0.41	cps
Terbium	159-1	3035865	3020196	3047917	3034659	0.46	cps
Terbium	159-2	1605083	1592447	1588777	1595436	0.54	cps
Thallium	203-1	158	58	92	103	49.54	cps
Thallium	205-1	142	250	192	194	27.88	cps
Thorium	232-1	311	317	328	319	2.66	cps
Tin	118-1	12940	13299	12715	12984	2.27	cps
Titanium	47-1	142	142	183	156	15.47	cps
Uranium	238-1	2942	3276	3126	3114	5.36	cps
Vanadium	51-2	43	57	27	42	35.60	cps
Yttrium	89-1	2014008	2008091	2020229	2014109	0.30	cps
Yttrium	89-2	322689	325239	321762	323230	0.56	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01DUP	Instrumnet Name :	P7
Client Sample ID :	390612127DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:02:28	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2524	2490	2357	2457	3.59	cps
Zirconium	90-1	267	242	242	250	5.77	cps
Zirconium	91-1	67	58	92	72	24.02	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01LX5	Instrumnet Name :	P7
Client Sample ID :	390612127L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 18:06:08	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	42	31	41.66	cps
Antimony	121-1	58	117	158	111	45.21	cps
Arsenic	75-1	-122	-68	-57	-82	-42.17	cps
Barium	135-1	2850	2759	3176	2928	7.48	cps
Barium	137-1	5376	5151	5576	5368	3.96	cps
Beryllium	9-1	40	37	23	33	26.47	cps
Bismuth	209-1	1912398	1907480	1887214	1902364	0.70	cps
Bismuth	209-2	1136646	1153676	1147998	1146107	0.76	cps
Boron	10-1	2200	2467	2409	2359	5.94	cps
Boron	11-1	10671	10479	10654	10601	1.00	cps
Cadmium	111-1	640	589	551	593	7.51	cps
Cadmium	106-1	908	833	792	845	7.00	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	122655	123865	121100	122540	1.13	cps
Calcium	44-1	1946427	1935830	1932385	1938214	0.38	cps
Chromium	52-2	260	273	227	253	9.49	cps
Cobalt	59-2	23	20	37	27	33.08	cps
Copper	63-2	2820	2840	2794	2818	0.81	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	17	0	3	7	132.33	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Gadolinium	160-2	23	23	17	21	18.21	cps
Holmium	165-1	3021063	3016049	3011427	3016180	0.16	cps
Holmium	165-2	1637338	1634904	1627963	1633402	0.30	cps
Indium	115-1	1781121	1750520	1739921	1757187	1.22	cps
Indium	115-2	395393	397453	392953	395266	0.57	cps
Iron	56-2	2539	2445	2545	2510	2.24	cps
Iron	57-2	861	767	822	817	5.81	cps
Krypton	83-1	50	53	43	49	10.42	cps
Lead	206-1	228	233	267	243	8.67	cps
Lead	207-1	250	222	189	220	13.88	cps
Lead	208-1	972	950	944	956	1.54	cps
Lithium	6-1	1104521	1099866	1098766	1101051	0.28	cps
Magnesium	24-2	538569	536552	527993	534371	1.05	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01LX5	Instrumnet Name :	P7
Client Sample ID :	390612127L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 18:06:08	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	227	327	227	260	22.21	cps
Molybdenum	94-1	58	150	167	125	46.66	cps
Molybdenum	95-1	67	117	58	81	39.16	cps
Molybdenum	96-1	83	75	92	83	10.00	cps
Molybdenum	97-1	67	50	33	50	33.34	cps
Molybdenum	98-1	100	117	100	106	9.11	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	93	103	93	97	5.97	cps
Phosphorus	31-2	50	33	17	33	50.00	cps
Potassium	39-2	13707	14207	13598	13838	2.35	cps
Rhodium	103-1	1555493	1551831	1546092	1551139	0.31	cps
Rhodium	103-2	808635	811234	803384	807751	0.50	cps
Scandium	45-1	1445736	1443826	1441867	1443810	0.13	cps
Scandium	45-2	68420	67808	66924	67717	1.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	20	15	15	30.21	cps
Selenium	82-1	17	13	23	18	28.63	cps
Silicon	28-1	1353186	1364086	1343768	1353680	0.75	cps
Silver	109-1	8	33	17	19	65.47	cps
Silver	107-1	42	25	58	42	40.00	cps
Sodium	23-2	1733180	1739045	1723188	1731805	0.46	cps
Strontium	86-1	11263	11413	11613	11430	1.54	cps
Strontium	88-1	98419	98327	97799	98182	0.34	cps
Sulfur	34-1	140885	138430	139699	139671	0.88	cps
Terbium	159-1	3070302	3039571	3070078	3059984	0.58	cps
Terbium	159-2	1609113	1614229	1590731	1604691	0.77	cps
Thallium	203-1	50	50	42	47	10.18	cps
Thallium	205-1	92	125	100	106	16.44	cps
Thorium	232-1	194	133	150	159	19.83	cps
Tin	118-1	2717	2634	2942	2764	5.77	cps
Titanium	47-1	58	67	75	67	12.49	cps
Uranium	238-1	667	583	533	594	11.33	cps
Vanadium	51-2	10	3	10	8	49.52	cps
Yttrium	89-1	2053603	2035306	2021403	2036771	0.79	cps
Yttrium	89-2	323305	325556	323172	324011	0.41	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01LX5	Instrumnet Name :	P7
Client Sample ID :	390612127L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-24 18:06:08	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	597	490	483	523	12.15	cps
Zirconium	90-1	100	142	133	125	17.64	cps
Zirconium	91-1	75	42	17	44	65.84	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01MS	Instrumnet Name :	P7
Client Sample ID :	390612127MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:09:45	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47952	47526	49090	48190	1.68	cps
Antimony	121-1	1378685	1372490	1366442	1372539	0.45	cps
Arsenic	75-1	261599	262111	259235	260982	0.59	cps
Barium	135-1	112922	115797	112275	113665	1.65	cps
Barium	137-1	199162	197250	198111	198174	0.48	cps
Beryllium	9-1	125566	123217	123288	124024	1.08	cps
Bismuth	209-1	1791138	1764245	1752341	1769241	1.12	cps
Bismuth	209-2	1100167	1100515	1106376	1102352	0.32	cps
Boron	10-1	39077	38216	39527	38940	1.71	cps
Boron	11-1	161166	164685	167922	164591	2.05	cps
Cadmium	111-1	91100	91582	91982	91555	0.48	cps
Cadmium	106-1	8470	8478	8936	8628	3.10	cps
Cadmium	108-1	6331	6218	6322	6290	1.00	cps
Calcium	43-1	596529	591134	589297	592320	0.63	cps
Calcium	44-1	9905375	10007308	9940660	9951114	0.52	cps
Chromium	52-2	241850	240568	241457	241292	0.27	cps
Cobalt	59-2	166567	167587	169773	167976	0.98	cps
Copper	63-2	166379	167177	170368	167975	1.26	cps
Dysprosium	156-1	140194	141087	138216	139832	1.05	cps
Dysprosium	156-2	40052	41091	42392	41178	2.85	cps
Erbium	164-1	25	8	8	14	69.31	cps
Erbium	164-2	20	10	20	17	34.64	cps
Gadolinium	160-1	58	75	25	53	48.24	cps
Gadolinium	160-2	50	53	70	58	18.55	cps
Holmium	165-1	2871230	2881369	2870191	2874263	0.21	cps
Holmium	165-2	1592672	1620289	1621373	1611445	1.01	cps
Indium	115-1	1635179	1630642	1628954	1631591	0.20	cps
Indium	115-2	369689	373094	377765	373516	1.09	cps
Iron	56-2	1498389	1501274	1520013	1506559	0.78	cps
Iron	57-2	41225	41766	42590	41860	1.64	cps
Krypton	83-1	63	40	33	46	34.58	cps
Lead	206-1	1864499	1852701	1859861	1859021	0.32	cps
Lead	207-1	1648487	1626317	1627689	1634164	0.76	cps
Lead	208-1	7710187	7686333	7683573	7693364	0.19	cps
Lithium	6-1	1085666	1081443	1069818	1078976	0.76	cps
Magnesium	24-2	2632830	2642699	2667510	2647680	0.67	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01MS	Instrumnet Name :	P7
Client Sample ID :	390612127MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:09:45	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77117	76692	78849	77553	1.47	cps
Molybdenum	94-1	206091	205981	208018	206697	0.55	cps
Molybdenum	95-1	362513	366591	362671	363925	0.63	cps
Molybdenum	96-1	393231	393379	388457	391689	0.71	cps
Molybdenum	97-1	230305	229325	227331	228987	0.66	cps
Molybdenum	98-1	587782	589359	584688	587276	0.40	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	100400	100877	101189	100822	0.39	cps
Phosphorus	31-2	7119	7527	7327	7324	2.79	cps
Potassium	39-2	564445	566685	568808	566646	0.38	cps
Rhodium	103-1	1433366	1422138	1419944	1425150	0.51	cps
Rhodium	103-2	754400	764471	767361	762077	0.89	cps
Scandium	45-1	1351691	1343602	1330509	1341934	0.80	cps
Scandium	45-2	65216	65501	65708	65475	0.38	cps
Selenium	77-2	3527	3627	3884	3679	5.00	cps
Selenium	78-2	12302	12717	12704	12574	1.88	cps
Selenium	82-1	75356	75231	75045	75211	0.21	cps
Silicon	28-1	7957109	8020212	7984717	7987346	0.40	cps
Silver	109-1	144632	144355	144094	144360	0.19	cps
Silver	107-1	150289	148599	151688	150192	1.03	cps
Sodium	23-2	9108295	9103050	9216169	9142505	0.70	cps
Strontium	86-1	180605	180765	177990	179787	0.87	cps
Strontium	88-1	1535344	1524099	1527370	1528938	0.38	cps
Sulfur	34-1	201917	203683	202609	202736	0.44	cps
Terbium	159-1	2936330	2950288	2935054	2940557	0.29	cps
Terbium	159-2	1567662	1580949	1583530	1577380	0.54	cps
Thallium	203-1	4858186	4904292	4843845	4868774	0.65	cps
Thallium	205-1	11633593	11642194	11664058	11646615	0.13	cps
Thorium	232-1	539	478	433	483	10.96	cps
Tin	118-1	1072027	1061155	1056636	1063273	0.74	cps
Titanium	47-1	59948	59404	58969	59440	0.83	cps
Uranium	238-1	3092	2892	3409	3131	8.32	cps
Vanadium	51-2	152102	153916	152960	152992	0.59	cps
Yttrium	89-1	1954732	1931665	1921026	1935807	0.89	cps
Yttrium	89-2	309163	312548	315264	312325	0.98	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01MS	Instrumnet Name :	P7
Client Sample ID :	390612127MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:09:45	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20361	20187	20909	20486	1.84	cps
Zirconium	90-1	850	600	675	708	18.11	cps
Zirconium	91-1	358	508	475	447	17.61	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01MSD	Instrumnet Name :	P7
Client Sample ID :	390612127MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:13:22	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46598	47601	48204	47468	1.71	cps
Antimony	121-1	1376928	1371762	1376759	1375150	0.21	cps
Arsenic	75-1	262736	269329	261256	264440	1.63	cps
Barium	135-1	111210	112982	112553	112249	0.82	cps
Barium	137-1	200479	196016	197445	197980	1.15	cps
Beryllium	9-1	124952	123016	123093	123687	0.89	cps
Bismuth	209-1	1800696	1785887	1782431	1789671	0.54	cps
Bismuth	209-2	1080810	1100265	1106784	1095953	1.23	cps
Boron	10-1	37857	38533	38091	38160	0.90	cps
Boron	11-1	162212	164613	166896	164574	1.42	cps
Cadmium	111-1	92489	90567	91083	91380	1.09	cps
Cadmium	106-1	8861	9203	8194	8753	5.86	cps
Cadmium	108-1	6206	6285	5906	6132	3.26	cps
Calcium	43-1	601246	602825	601674	601915	0.14	cps
Calcium	44-1	10126672	10085596	10110497	10107588	0.20	cps
Chromium	52-2	238700	238043	243182	239975	1.17	cps
Cobalt	59-2	163715	166708	169271	166565	1.67	cps
Copper	63-2	165319	167240	167990	166850	0.83	cps
Dysprosium	156-1	144581	144908	141312	143600	1.38	cps
Dysprosium	156-2	39921	42131	41730	41261	2.85	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	13	23	17	18	28.64	cps
Gadolinium	160-1	117	25	17	53	105.13	cps
Gadolinium	160-2	40	43	40	41	4.68	cps
Holmium	165-1	2905921	2923744	2932345	2920670	0.46	cps
Holmium	165-2	1598513	1612920	1627208	1612880	0.89	cps
Indium	115-1	1673027	1649519	1646510	1656352	0.88	cps
Indium	115-2	370584	373510	377659	373918	0.95	cps
Iron	56-2	1481352	1488041	1516220	1495204	1.24	cps
Iron	57-2	41481	40880	41459	41273	0.83	cps
Krypton	83-1	50	47	63	53	16.53	cps
Lead	206-1	1860013	1843907	1844246	1849389	0.50	cps
Lead	207-1	1633630	1615080	1629400	1626037	0.60	cps
Lead	208-1	7642502	7610616	7674843	7642654	0.42	cps
Lithium	6-1	1085313	1080017	1083129	1082820	0.25	cps
Magnesium	24-2	2650367	2654332	2684944	2663214	0.71	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01MSD	Instrumnet Name :	P7
Client Sample ID :	390612127MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:13:22	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	76062	76380	77292	76578	0.83	cps
Molybdenum	94-1	205185	205661	204602	205149	0.26	cps
Molybdenum	95-1	364209	365879	362894	364327	0.41	cps
Molybdenum	96-1	390341	387010	391691	389681	0.62	cps
Molybdenum	97-1	229177	227496	229754	228809	0.51	cps
Molybdenum	98-1	592616	584374	579668	585553	1.12	cps
Neodymium	150-1	27	13	33	24	41.66	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	100289	99555	100840	100228	0.64	cps
Phosphorus	31-2	7452	7419	7352	7408	0.69	cps
Potassium	39-2	554362	558396	559255	557338	0.47	cps
Rhodium	103-1	1460679	1454629	1441265	1452191	0.68	cps
Rhodium	103-2	757243	761873	769436	762851	0.81	cps
Scandium	45-1	1364546	1351198	1353907	1356550	0.52	cps
Scandium	45-2	64305	65246	66220	65257	1.47	cps
Selenium	77-2	3794	3677	3817	3763	1.99	cps
Selenium	78-2	12120	12644	12715	12493	2.60	cps
Selenium	82-1	75377	74589	75283	75083	0.57	cps
Silicon	28-1	8074046	8141234	8099462	8104914	0.42	cps
Silver	109-1	144035	145802	144851	144896	0.61	cps
Silver	107-1	152842	153675	151131	152549	0.85	cps
Sodium	23-2	9115212	9130442	9164753	9136802	0.28	cps
Strontium	86-1	181726	179111	181880	180905	0.86	cps
Strontium	88-1	1540461	1524379	1537496	1534112	0.56	cps
Sulfur	34-1	206501	205659	206679	206280	0.26	cps
Terbium	159-1	2987236	3011983	2998792	2999337	0.41	cps
Terbium	159-2	1573951	1586234	1594892	1585026	0.66	cps
Thallium	203-1	4800939	4838237	4870023	4836400	0.71	cps
Thallium	205-1	11528565	11488321	11686488	11567791	0.91	cps
Thorium	232-1	233	239	311	261	16.62	cps
Tin	118-1	1071469	1056642	1061540	1063217	0.71	cps
Titanium	47-1	59680	59814	59103	59532	0.63	cps
Uranium	238-1	3234	3092	3159	3162	2.24	cps
Vanadium	51-2	150020	149286	151613	150306	0.79	cps
Yttrium	89-1	1973108	1953266	1952688	1959688	0.59	cps
Yttrium	89-2	311971	314687	316041	314233	0.66	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01MSD	Instrumnet Name :	P7
Client Sample ID :	390612127MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:13:22	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	19737	20031	20414	20061	1.69	cps
Zirconium	90-1	417	492	500	469	9.78	cps
Zirconium	91-1	458	333	317	369	20.96	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01A	Instrumnet Name :	P7
Client Sample ID :	390612127A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:16:58	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47760	48120	47050	47644	1.14	cps
Antimony	121-1	1378771	1385683	1372761	1379072	0.47	cps
Arsenic	75-1	261974	265863	265116	264317	0.78	cps
Barium	135-1	115115	113636	111930	113560	1.40	cps
Barium	137-1	198676	200445	199795	199639	0.45	cps
Beryllium	9-1	124041	124998	122852	123964	0.87	cps
Bismuth	209-1	1805726	1781871	1776571	1788056	0.87	cps
Bismuth	209-2	1088493	1099122	1091755	1093123	0.50	cps
Boron	10-1	38107	38826	40121	39018	2.62	cps
Boron	11-1	164788	166119	169355	166754	1.41	cps
Cadmium	111-1	93313	93786	93079	93393	0.39	cps
Cadmium	106-1	8970	8995	9078	9014	0.63	cps
Cadmium	108-1	6377	6452	6239	6356	1.70	cps
Calcium	43-1	601298	600728	600399	600809	0.08	cps
Calcium	44-1	10043238	10084501	10082744	10070161	0.23	cps
Chromium	52-2	240454	241643	240383	240827	0.29	cps
Cobalt	59-2	166515	166303	164668	165829	0.61	cps
Copper	63-2	166165	166761	166014	166313	0.24	cps
Dysprosium	156-1	144092	143451	140161	142568	1.48	cps
Dysprosium	156-2	41449	42399	40744	41531	2.00	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	58	50	25	44	39.04	cps
Gadolinium	160-2	50	80	37	56	39.95	cps
Holmium	165-1	2913530	2928452	2915744	2919242	0.28	cps
Holmium	165-2	1607098	1617544	1596562	1607068	0.65	cps
Indium	115-1	1651023	1653978	1638279	1647760	0.51	cps
Indium	115-2	375386	372511	367791	371896	1.03	cps
Iron	56-2	1495159	1509193	1500095	1501482	0.47	cps
Iron	57-2	41688	41665	41804	41719	0.18	cps
Krypton	83-1	43	70	60	58	23.32	cps
Lead	206-1	1862424	1855089	1841164	1852892	0.58	cps
Lead	207-1	1631648	1628002	1628655	1629435	0.12	cps
Lead	208-1	7687931	7700228	7678807	7688989	0.14	cps
Lithium	6-1	1074222	1079006	1073342	1075524	0.28	cps
Magnesium	24-2	2659704	2657710	2617019	2644811	0.91	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01A	Instrumnet Name :	P7
Client Sample ID :	390612127A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:16:58	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77111	77855	77104	77356	0.56	cps
Molybdenum	94-1	208110	207885	205812	207269	0.61	cps
Molybdenum	95-1	367496	369667	363432	366865	0.86	cps
Molybdenum	96-1	394887	394352	388289	392509	0.93	cps
Molybdenum	97-1	227809	230064	229883	229252	0.55	cps
Molybdenum	98-1	591637	588068	585478	588395	0.53	cps
Neodymium	150-1	33	33	13	27	43.31	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	100387	101659	100914	100987	0.63	cps
Phosphorus	31-2	7527	7969	7077	7524	5.93	cps
Potassium	39-2	558958	558872	554896	557575	0.42	cps
Rhodium	103-1	1455891	1433961	1434411	1441421	0.87	cps
Rhodium	103-2	757197	759464	759026	758562	0.16	cps
Scandium	45-1	1358716	1346530	1349442	1351562	0.47	cps
Scandium	45-2	64664	65169	64988	64940	0.39	cps
Selenium	77-2	4017	3604	3477	3699	7.64	cps
Selenium	78-2	12819	12574	12465	12619	1.44	cps
Selenium	82-1	76220	76152	75778	76050	0.31	cps
Silicon	28-1	8022293	8094554	8114506	8077118	0.60	cps
Silver	109-1	145475	148041	144649	146055	1.21	cps
Silver	107-1	151477	153380	149245	151367	1.37	cps
Sodium	23-2	9170880	9179646	9063134	9137887	0.71	cps
Strontium	86-1	182478	182586	176978	180681	1.77	cps
Strontium	88-1	1548010	1536385	1515220	1533205	1.08	cps
Sulfur	34-1	206985	206215	203960	205720	0.76	cps
Terbium	159-1	2968476	2985021	2959578	2971025	0.43	cps
Terbium	159-2	1581946	1590813	1561634	1578131	0.95	cps
Thallium	203-1	4841804	4908279	4829389	4859824	0.87	cps
Thallium	205-1	11603139	11711982	11679940	11665020	0.48	cps
Thorium	232-1	172	161	194	176	9.65	cps
Tin	118-1	1068698	1065282	1054591	1062857	0.69	cps
Titanium	47-1	60072	58818	61027	59972	1.85	cps
Uranium	238-1	3276	3134	3134	3181	2.57	cps
Vanadium	51-2	151209	152457	149303	150990	1.05	cps
Yttrium	89-1	1971755	1944740	1940158	1952218	0.87	cps
Yttrium	89-2	313396	311339	311287	312007	0.39	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3494-01A	Instrumnet Name :	P7
Client Sample ID :	390612127A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:16:58	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20842	20191	20157	20397	1.89	cps
Zirconium	90-1	375	350	450	392	13.29	cps
Zirconium	91-1	350	267	375	331	17.16	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3495-01	Instrumnet Name :	P7
Client Sample ID :	390606761-EFFLUENT	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:20:35	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1909	2275	2125	2103	8.77	cps
Antimony	121-1	1300	1192	1158	1217	6.09	cps
Arsenic	75-1	117	212	380	237	56.31	cps
Barium	135-1	5185	4851	5301	5112	4.57	cps
Barium	137-1	8620	8536	8820	8659	1.68	cps
Beryllium	9-1	77	97	97	90	12.83	cps
Bismuth	209-1	1774858	1805675	1810612	1797048	1.08	cps
Bismuth	209-2	1103379	1116027	1110651	1110019	0.57	cps
Boron	10-1	27718	28862	28311	28297	2.02	cps
Boron	11-1	121191	121249	122267	121569	0.50	cps
Cadmium	111-1	682	500	590	591	15.41	cps
Cadmium	106-1	883	667	842	797	14.42	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	303818	304294	307435	305182	0.64	cps
Calcium	44-1	5070704	5131514	5193321	5131847	1.19	cps
Chromium	52-2	503	457	517	492	6.40	cps
Cobalt	59-2	377	360	363	367	2.41	cps
Copper	63-2	2588	2818	2581	2662	5.06	cps
Dysprosium	156-1	667	750	633	683	8.79	cps
Dysprosium	156-2	340	393	350	361	7.85	cps
Erbium	164-1	17	75	33	42	72.11	cps
Erbium	164-2	20	3	13	12	68.66	cps
Gadolinium	160-1	775	692	675	714	7.51	cps
Gadolinium	160-2	460	467	443	457	2.63	cps
Holmium	165-1	2841972	2920050	2988257	2916760	2.51	cps
Holmium	165-2	1610643	1643519	1644642	1632935	1.18	cps
Indium	115-1	1652299	1682626	1704620	1679849	1.56	cps
Indium	115-2	388923	393618	395443	392661	0.86	cps
Iron	56-2	15848	16521	16109	16159	2.10	cps
Iron	57-2	2167	2228	2345	2247	4.02	cps
Krypton	83-1	53	43	67	54	21.51	cps
Lead	206-1	694	667	544	635	12.56	cps
Lead	207-1	589	517	428	511	15.79	cps
Lead	208-1	2772	2333	2345	2484	10.08	cps
Lithium	6-1	1026353	1054808	1069697	1050286	2.10	cps
Magnesium	24-2	523224	527370	529666	526753	0.62	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3495-01	Instrumnet Name :	P7
Client Sample ID :	390606761-EFFLUENT	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:20:35	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6642	6838	6602	6694	1.89	cps
Molybdenum	94-1	717	758	683	719	5.22	cps
Molybdenum	95-1	1158	975	1125	1086	8.99	cps
Molybdenum	96-1	1125	867	1175	1056	15.68	cps
Molybdenum	97-1	600	733	633	656	10.58	cps
Molybdenum	98-1	1525	1559	1642	1575	3.82	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	577	557	563	566	1.80	cps
Phosphorus	31-2	208	200	225	211	6.03	cps
Potassium	39-2	792580	806243	810056	802960	1.14	cps
Rhodium	103-1	1429845	1481617	1486382	1465948	2.14	cps
Rhodium	103-2	787277	801917	804636	797943	1.17	cps
Scandium	45-1	1331866	1375632	1395962	1367820	2.39	cps
Scandium	45-2	67309	68759	68792	68286	1.24	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	7	11	20	13	51.50	cps
Selenium	82-1	48	47	15	37	51.49	cps
Silicon	28-1	207624	216082	211051	211586	2.01	cps
Silver	109-1	50	25	75	50	50.00	cps
Silver	107-1	58	25	83	56	52.68	cps
Sodium	23-2	11951725	12007824	12071739	12010430	0.50	cps
Strontium	86-1	89343	89043	88027	88804	0.78	cps
Strontium	88-1	766756	775386	771983	771375	0.56	cps
Sulfur	34-1	439692	447123	446603	444473	0.93	cps
Terbium	159-1	2904817	3001170	3008822	2971603	1.95	cps
Terbium	159-2	1585360	1605875	1608752	1599996	0.80	cps
Thallium	203-1	1200	983	867	1017	16.64	cps
Thallium	205-1	2867	2584	2134	2528	14.63	cps
Thorium	232-1	106	72	56	78	32.73	cps
Tin	118-1	700	517	467	561	21.90	cps
Titanium	47-1	108	100	108	106	4.56	cps
Uranium	238-1	33	67	17	39	65.47	cps
Vanadium	51-2	197	183	203	194	5.24	cps
Yttrium	89-1	1944156	1968183	1987891	1966743	1.11	cps
Yttrium	89-2	322875	328129	326471	325825	0.82	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	K3495-01	Instrumnet Name :	P7
Client Sample ID :	390606761-EFFLUENT	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:20:35	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12255	12926	13066	12749	3.40	cps
Zirconium	90-1	300	333	392	342	13.58	cps
Zirconium	91-1	58	67	92	72	24.02	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:24:11	DataFile Name :	068CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1207128	1231816	1225135	1221360	1.05	cps
Antimony	121-1	952839	954184	959998	955674	0.40	cps
Arsenic	75-1	181778	182658	180886	181774	0.49	cps
Barium	135-1	1253833	1257640	1265779	1259084	0.48	cps
Barium	137-1	2171651	2175993	2177410	2175018	0.14	cps
Beryllium	9-1	296929	299299	299130	298452	0.44	cps
Bismuth	209-1	1755652	1747230	1740450	1747777	0.44	cps
Bismuth	209-2	1038482	1053459	1041216	1044386	0.76	cps
Boron	10-1	56431	56665	58915	57337	2.39	cps
Boron	11-1	241467	250949	245123	245846	1.95	cps
Cadmium	111-1	249488	250429	247012	248977	0.71	cps
Cadmium	106-1	30659	29640	29181	29827	2.54	cps
Cadmium	108-1	19459	19722	19447	19543	0.80	cps
Calcium	43-1	1661673	1652002	1654423	1656032	0.30	cps
Calcium	44-1	27895031	27701920	27804121	27800358	0.35	cps
Chromium	52-2	296354	303413	303061	300943	1.32	cps
Cobalt	59-2	405365	414244	409471	409693	1.08	cps
Copper	63-2	516101	529603	526218	523974	1.34	cps
Dysprosium	156-1	58	33	58	50	28.88	cps
Dysprosium	156-2	20	13	37	23	51.52	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	17	50	17	28	69.27	cps
Gadolinium	160-2	37	50	60	49	23.94	cps
Holmium	165-1	2948578	2959247	2960609	2956145	0.22	cps
Holmium	165-2	1614691	1643574	1644870	1634378	1.04	cps
Indium	115-1	1650293	1642318	1642383	1644998	0.28	cps
Indium	115-2	368476	375704	374232	372804	1.02	cps
Iron	56-2	59213800	60566087	60486883	60088924	1.26	cps
Iron	57-2	1442427	1472390	1469145	1461321	1.13	cps
Krypton	83-1	63	43	63	57	20.38	cps
Lead	206-1	916379	913020	902568	910655	0.79	cps
Lead	207-1	826725	821949	810939	819871	0.99	cps
Lead	208-1	3670981	3644255	3627063	3647433	0.61	cps
Lithium	6-1	1041032	1039836	1041604	1040824	0.09	cps
Magnesium	24-2	14587841	14786054	14683329	14685741	0.67	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : CCV28 Instrumnet Name : P7
 Client Sample ID : CCV28 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-24 18:24:11 DataFile Name : 068CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	371246	382150	378345	377247	1.47	cps
Molybdenum	94-1	1836604	1852430	1854072	1847702	0.52	cps
Molybdenum	95-1	2217047	2219603	2215188	2217279	0.10	cps
Molybdenum	96-1	2451614	2482078	2459128	2464274	0.64	cps
Molybdenum	97-1	1393053	1414855	1401608	1403172	0.78	cps
Molybdenum	98-1	3805706	3860313	3859141	3841720	0.81	cps
Neodymium	150-1	120	193	127	147	27.65	cps
Neodymium	150-2	20	30	17	22	31.22	cps
Nickel	60-2	96622	99028	97770	97807	1.23	cps
Phosphorus	31-2	11997	11805	13014	12272	5.30	cps
Potassium	39-2	6243163	6397265	6355120	6331849	1.26	cps
Rhodium	103-1	1378665	1377950	1375279	1377298	0.13	cps
Rhodium	103-2	733082	747507	742301	740963	0.99	cps
Scandium	45-1	1387357	1379358	1369346	1378687	0.65	cps
Scandium	45-2	66234	67768	67138	67046	1.15	cps
Selenium	77-2	783	970	900	884	10.66	cps
Selenium	78-2	3169	3158	3210	3179	0.86	cps
Selenium	82-1	18941	19066	18989	18998	0.33	cps
Silicon	28-1	855813	880668	900052	878844	2.52	cps
Silver	109-1	990534	1004390	1004897	999940	0.82	cps
Silver	107-1	1042378	1038243	1036977	1039199	0.27	cps
Sodium	23-2	29375978	29807167	29867907	29683684	0.90	cps
Strontium	86-1	311029	313676	311017	311907	0.49	cps
Strontium	88-1	2592044	2611634	2602686	2602121	0.38	cps
Sulfur	34-1	238989	240445	238412	239282	0.44	cps
Terbium	159-1	3000424	2996330	3003612	3000122	0.12	cps
Terbium	159-2	1574701	1601739	1594332	1590257	0.88	cps
Thallium	203-1	1114221	1106250	1099173	1106548	0.68	cps
Thallium	205-1	2806899	2820580	2812358	2813279	0.24	cps
Thorium	232-1	5001611	4988861	4968730	4986400	0.33	cps
Tin	118-1	740969	742307	744140	742472	0.21	cps
Titanium	47-1	731322	722078	729790	727730	0.68	cps
Uranium	238-1	4625176	4670001	4602989	4632722	0.74	cps
Vanadium	51-2	254000	257858	256461	256106	0.76	cps
Yttrium	89-1	1979459	1989604	1970175	1979746	0.49	cps
Yttrium	89-2	315942	322448	318650	319013	1.02	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:24:11	DataFile Name :	068CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	89073	90730	90441	90081	0.98	cps
Zirconium	90-1	1623956	1613706	1614750	1617471	0.35	cps
Zirconium	91-1	366098	368266	366191	366851	0.33	cps

LB Number : LB103602 Operator : Jaswal
 Lab Sample ID : CCB28 Instrumnet Name : P7
 Client Sample ID : CCB28 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	75	92	94	22.21	cps
Antimony	121-1	817	883	783	828	6.15	cps
Arsenic	75-1	-119	10	77	-11	-930.79	cps
Barium	135-1	142	133	133	136	3.53	cps
Barium	137-1	292	242	133	222	36.42	cps
Beryllium	9-1	97	90	120	102	15.41	cps
Bismuth	209-1	1931343	1894700	1908076	1911373	0.97	cps
Bismuth	209-2	1162766	1155625	1152192	1156861	0.47	cps
Boron	10-1	3884	3642	3651	3726	3.68	cps
Boron	11-1	18295	16777	15842	16971	7.29	cps
Cadmium	111-1	610	659	704	658	7.16	cps
Cadmium	106-1	792	900	950	881	9.19	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	217	183	150	183	18.18	cps
Calcium	44-1	4693	3751	3009	3817	22.11	cps
Chromium	52-2	213	163	193	190	13.24	cps
Cobalt	59-2	27	20	27	24	15.75	cps
Copper	63-2	180	160	177	172	6.22	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	8	17	0	8	100.02	cps
Gadolinium	160-2	10	43	33	29	59.21	cps
Holmium	165-1	2969094	2941788	3003325	2971402	1.04	cps
Holmium	165-2	1633635	1615605	1624481	1624573	0.55	cps
Indium	115-1	1770276	1743076	1738141	1750498	0.99	cps
Indium	115-2	398163	399060	395947	397723	0.40	cps
Iron	56-2	5173	4801	4567	4847	6.30	cps
Iron	57-2	167	94	72	111	44.44	cps
Krypton	83-1	40	53	63	52	22.41	cps
Lead	206-1	222	233	211	222	5.00	cps
Lead	207-1	178	267	189	211	22.94	cps
Lead	208-1	967	1133	822	974	15.98	cps
Lithium	6-1	1087184	1082025	1082599	1083936	0.26	cps
Magnesium	24-2	1075	867	842	928	13.81	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:27:47	DataFile Name :	069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	23	33	37	41.66	cps
Molybdenum	94-1	475	608	342	475	28.07	cps
Molybdenum	95-1	508	483	542	511	5.73	cps
Molybdenum	96-1	725	575	442	581	24.42	cps
Molybdenum	97-1	350	358	400	369	7.25	cps
Molybdenum	98-1	1017	742	775	845	17.77	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	20	10	14	35.26	cps
Phosphorus	31-2	25	33	25	28	17.31	cps
Potassium	39-2	4351	4367	4484	4401	1.65	cps
Rhodium	103-1	1565627	1539466	1539622	1548238	0.97	cps
Rhodium	103-2	827723	817532	822745	822667	0.62	cps
Scandium	45-1	1440662	1410534	1416020	1422406	1.13	cps
Scandium	45-2	68615	68591	67938	68381	0.56	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	19	7	11	57.72	cps
Selenium	82-1	33	8	0	14	126.33	cps
Silicon	28-1	44350	42177	41400	42642	3.59	cps
Silver	109-1	100	811	117	342	118.43	cps
Silver	107-1	233	183	142	186	24.66	cps
Sodium	23-2	6252	5476	6043	5924	6.77	cps
Strontium	86-1	142	92	175	136	30.82	cps
Strontium	88-1	333	325	300	319	5.43	cps
Sulfur	34-1	114848	113773	114279	114300	0.47	cps
Terbium	159-1	3027906	3024009	3051144	3034353	0.48	cps
Terbium	159-2	1596699	1583667	1581818	1587395	0.51	cps
Thallium	203-1	458	433	342	411	14.94	cps
Thallium	205-1	1200	875	925	1000	17.50	cps
Thorium	232-1	1295	1039	967	1100	15.66	cps
Tin	118-1	300	408	367	358	15.25	cps
Titanium	47-1	117	100	67	94	26.96	cps
Uranium	238-1	575	425	367	456	23.59	cps
Vanadium	51-2	30	13	10	18	60.28	cps
Yttrium	89-1	2032855	2019549	2024263	2025556	0.33	cps
Yttrium	89-2	327972	323682	325613	325755	0.66	cps

LB Number :	LB103602	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-06-24 18:27:47	DataFile Name :	069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	47	43	43	44	4.34	cps
Zirconium	90-1	350	383	375	369	4.70	cps
Zirconium	91-1	100	33	75	69	48.50	cps