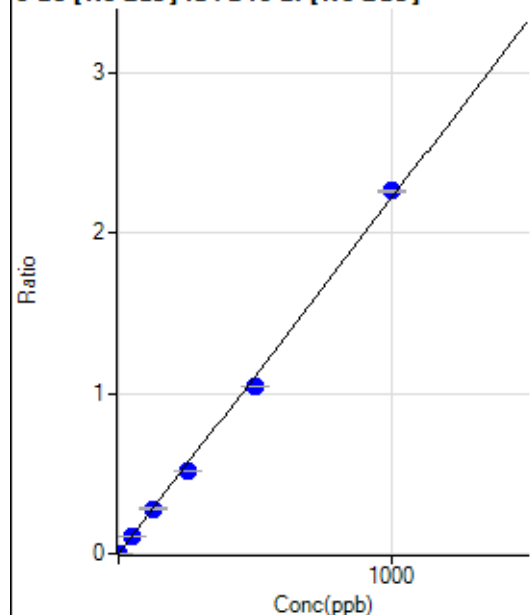


Batch Folder: D:\P8061419-MS.b\
Analysis File: P8061419-MS.batch.bin
DA Date-Time: 2019-06-14 18:44:47
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-14 15:42:18
2			
3	005CALS.d	S02	2019-06-14 15:50:21
4	006CALS.d	S03	2019-06-14 15:54:31
5	007CALS.d	S04	2019-06-14 15:58:40
6	008CALS.d	S05	2019-06-14 16:02:48
7	009CALS.d	S06	2019-06-14 16:06:51
8	010CALS.d	S07	2019-06-14 16:10:47
9	011CALS.d	S08	2019-06-14 16:14:38
10			

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.78	0.0002	P	4.3
2	☐	0.100					
3	☐	1.000	0.878	631.13	0.0021	P	5.9
4	☐	50.000	46.488	30208.31	0.1033	P	0.6
5	☐	125.000	126.583	80054.22	0.2810	P	1.7
6	☐	250.000	230.174	144731.00	0.5108	P	0.2
7	☐	500.000	469.532	288889.38	1.0418	P	0.6
8	☐	1000.000	1020.169	607223.28	2.2633	P	0.7
9	☐			213.34	0.0008	P	15.9
10	☐						

$$y = 0.0022 * x + 1.5568E-004$$

$$R = 0.9991$$

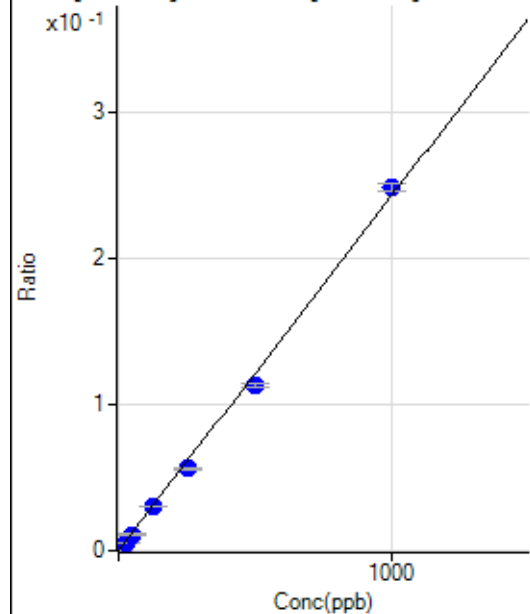
$$DL = 0.009108$$

$$BEC = 0.07018$$

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	60.00	0.0002	P	17.0
2	☐	2.500					
3	☐	25.000	21.440	1617.88	0.0054	P	3.8
4	☐	50.000	45.091	3252.62	0.0111	P	1.8
5	☐	125.000	121.705	8458.11	0.0297	P	0.6
6	☐	250.000	229.987	15847.71	0.0559	P	0.7
7	☐	500.000	465.909	31366.42	0.1131	P	2.5
8	☐	1000.000	1022.795	66545.10	0.2480	P	2.1
9	☐			2762.52	0.0105	P	6.6
10	☐						

$$y = 2.4233E-004 * x + 1.9556E-004$$

$$R = 0.9990$$

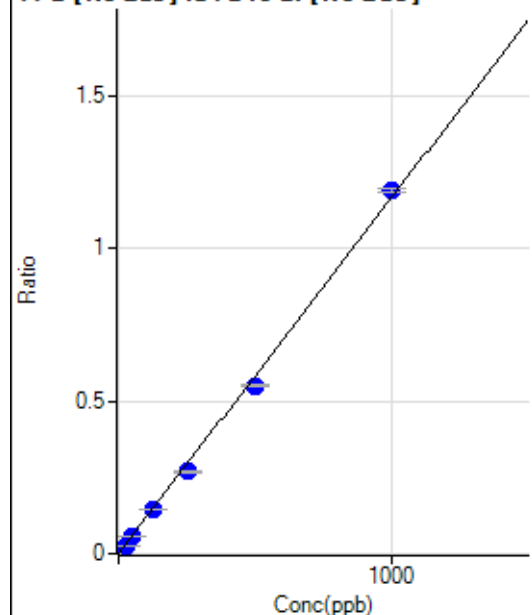
$$DL = 0.4112$$

$$BEC = 0.807$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	292.23	0.0010	P	0.7
2	☐	2.500					
3	☐	25.000	21.929	7964.50	0.0265	P	2.5
4	☐	50.000	45.672	15862.16	0.0542	P	1.3
5	☐	125.000	124.567	41674.63	0.1463	P	1.1
6	☐	250.000	230.280	76400.30	0.2696	P	1.2
7	☐	500.000	471.664	152863.14	0.5512	P	1.2
8	☐	1000.000	1019.445	319356.09	1.1903	P	0.9
9	☐			12690.14	0.0484	P	6.0
10	☐						

$$y = 0.0012 * x + 9.5208E-004$$

$$R = 0.9992$$

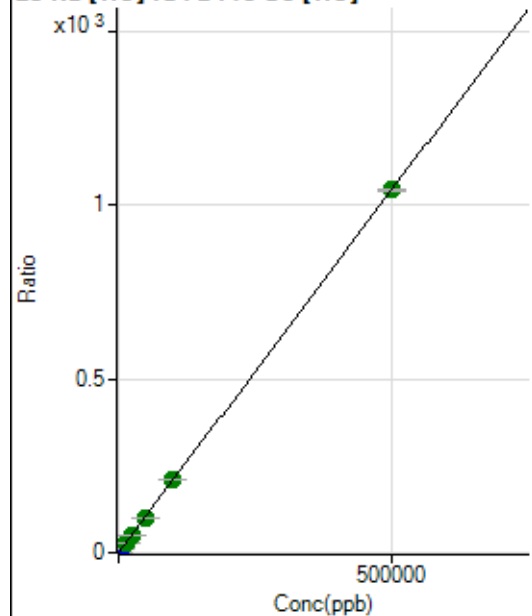
$$DL = 0.01595$$

$$BEC = 0.8161$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16665.38	0.2102	P	2.0
2	☐	50.000					
3	☐	500.000	468.389	94166.76	1.1864	P	0.2
4	☐	5000.000	4890.141	834189.03	10.4026	P	0.7
5	☐	12500.000	13211.265	2147101.06	27.7461	A	1.9
6	☐	25000.000	23674.468	3877236.57	49.5544	A	0.6
7	☐	50000.000	48067.665	7650893.08	100.3966	A	0.6
8	☐	100000.00	99656.369	15850064.21	207.9219	A	0.5
9	☐	500000.00	500311.58	83562792.09	1,042.999	A	0.6
10	☐						

$$y = 0.0021 * x + 0.2102$$

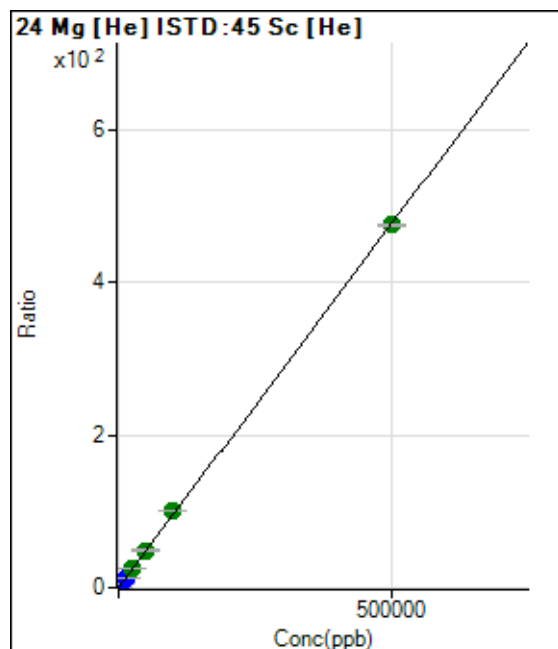
$$R = 1.0000$$

$$DL = 5.993$$

$$BEC = 100.8$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	601.13	0.0076	P	8.0
2	☐	50.000					
3	☐	500.000	522.610	40190.93	0.5064	P	0.7
4	☐	5000.000	5217.992	399977.83	4.9879	P	1.2
5	☐	12500.000	14022.330	1036228.25	13.3913	P	0.5
6	☐	25000.000	25711.342	1920694.64	24.5480	A	0.3
7	☐	50000.000	51414.324	3740219.63	49.0804	A	0.5
8	☐	100000.00	105660.98	7688168.56	100.8566	A	0.9
9	☐	500000.00	498650.54	38131481.38	475.9487	A	0.7
10	☐						

$$y = 9.5446\text{E-}004 * x + 0.0076$$

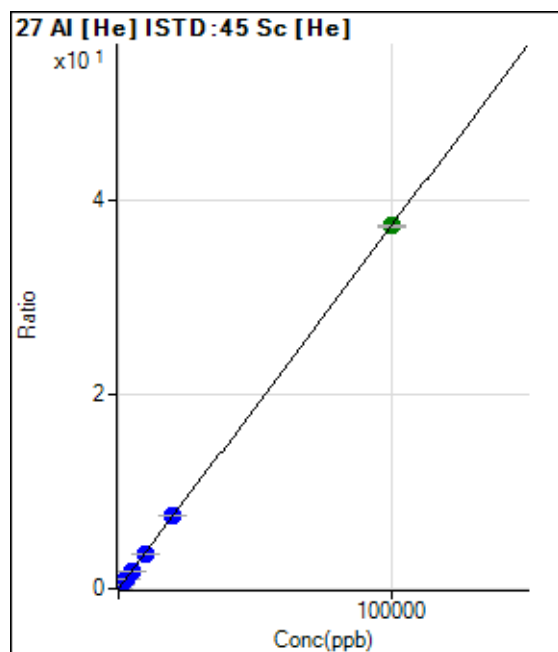
R = 0.9999

DL = 1.916

BEC = 7.94

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.45	0.0013	P	11.7
2	☐	2.000					
3	☐	20.000	19.856	694.47	0.0087	P	0.8
4	☐	1000.000	972.881	29311.31	0.3655	P	1.2
5	☐	2500.000	2621.897	76053.15	0.9829	P	0.5
6	☐	5000.000	4769.365	139804.38	1.7868	P	0.8
7	☐	10000.000	9738.586	277931.82	3.6471	P	0.5
8	☐	20000.000	20243.794	577802.47	7.5799	P	0.9
9	☐	100000.00	99986.138	2999219.40	37.4325	A	0.5
10	☐						

$$y = 3.7436\text{E-}004 * x + 0.0013$$

R = 1.0000

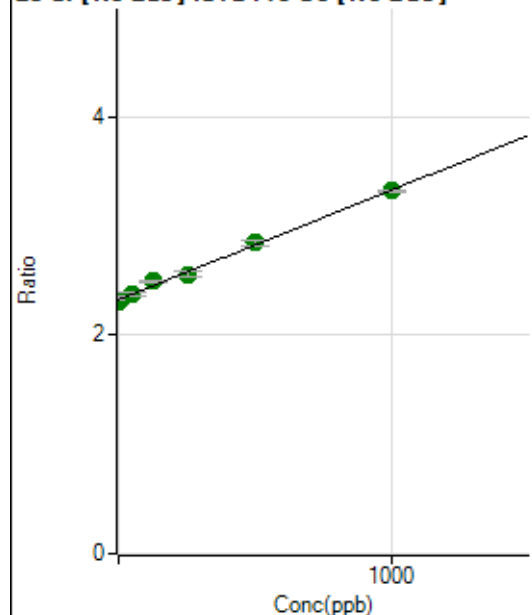
DL = 1.229

BEC = 3.516

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	-24.915	2590706.13	2.2991	A	0.3
2	☐	1.000					
3	☐	10.000	5.491	2663528.94	2.3296	A	1.1
4	☐	50.000	48.692	2728588.64	2.3728	A	0.8
5	☐	125.000	165.350	2811837.45	2.4897	A	0.4
6	☐	250.000	233.560	2932202.39	2.5580	A	1.7
7	☐	500.000	515.292	3183208.86	2.8403	A	1.5
8	☐	1000.000	991.531	3685115.18	3.3173	A	0.2
9	☐			2643484.76	2.3147	A	0.8
10	☐						

$$y = 0.001002 * x + 2.324073$$

R = 0.9982

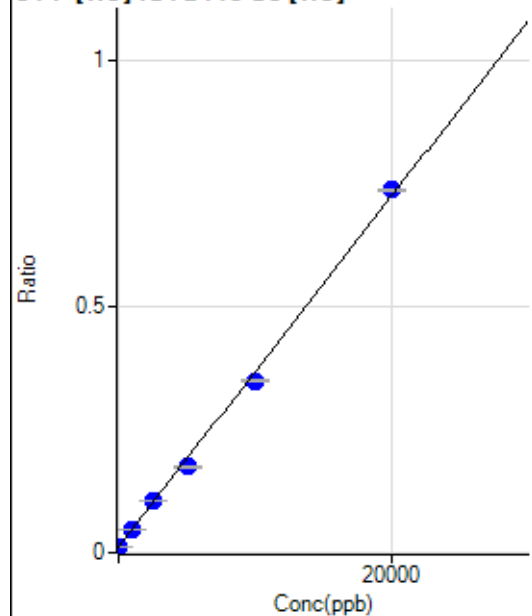
DL = 21.95

BEC = 2320

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-31.427	855.59	0.0108	P	4.4
2	☐	0.000					
3	☐	0.000	31.427	1034.49	0.0130	P	4.6
4	☐	1000.000	958.018	3691.62	0.0460	P	4.3
5	☐	2500.000	2614.161	8125.73	0.1050	P	1.1
6	☐	5000.000	4566.330	13655.57	0.1745	P	1.0
7	☐	10000.000	9479.380	26632.85	0.3495	P	0.6
8	☐	20000.000	20356.557	56168.27	0.7368	P	0.7
9	☐			930.04	0.0116	P	6.8
10	☐						

$$y = 3.5611E-005 * x + 0.0119$$

R = 0.9992

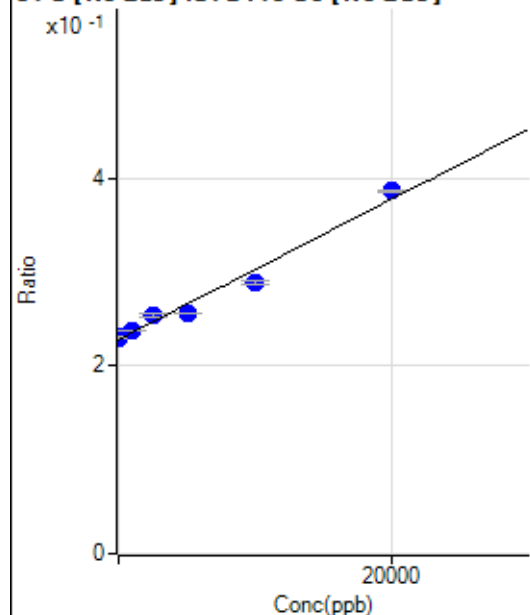
DL = 45.22

BEC = 334.6

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	553.866	261547.90	0.2321	P	1.2
2	☐	0.000					
3	☐	0.000	279.394	263090.50	0.2301	P	1.0
4	☐	1000.000	1296.990	273318.08	0.2377	P	0.6
5	☐	2500.000	3436.022	286475.88	0.2537	P	0.9
6	☐	5000.000	3718.971	293224.32	0.2558	P	0.4
7	☐	10000.000	8052.705	322951.41	0.2882	P	1.5
8	☐	20000.000	21162.053	428895.26	0.3861	P	0.5
9	☐			227767.76	0.1994	P	0.7
10	☐						

$$y = 7.470876E-006 * x + 0.227991$$

R = 0.9875

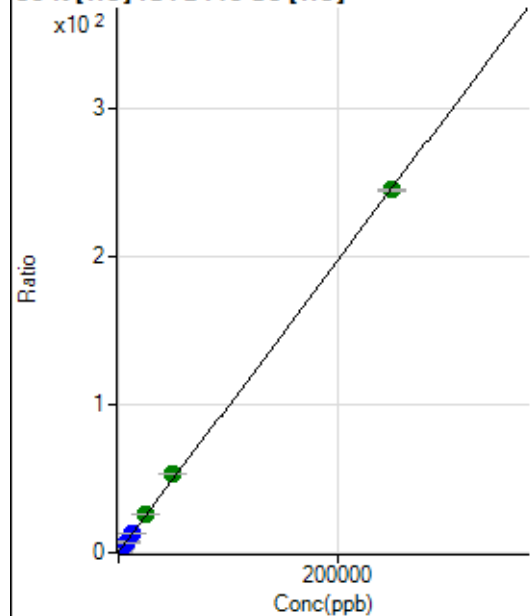
DL = 1017

BEC = 3.052E+04

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	30645.42	0.3865	P	1.9
2	☐	50.000					
3	☐	500.000	471.327	67407.47	0.8493	P	1.2
4	☐	2500.000	2534.586	230567.45	2.8752	P	1.1
5	☐	6250.000	6863.593	551403.47	7.1258	P	0.8
6	☐	12500.000	12418.763	984324.74	12.5804	P	0.4
7	☐	25000.000	25737.166	1955205.86	25.6577	A	1.0
8	☐	50000.000	53487.457	4033123.20	52.9055	A	0.2
9	☐	250000.00	249217.22	19637311.23	245.0915	A	0.2
10	☐						

$$y = 9.8189E-004 * x + 0.3865$$

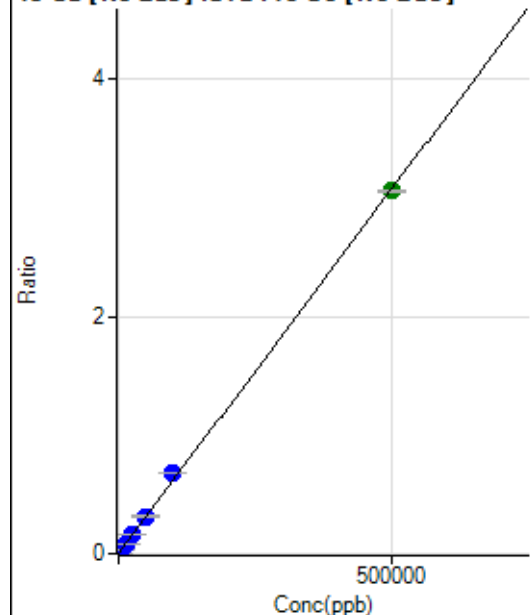
R = 0.9999

DL = 22.35

BEC = 393.6

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2580.86	0.0023	P	8.4
2	☐	50.000					
3	☐	500.000	496.656	6109.85	0.0053	P	1.9
4	☐	5000.000	4978.927	37804.31	0.0329	P	1.7
5	☐	12500.000	13659.264	97344.42	0.0862	P	1.1
6	☐	25000.000	25045.057	178979.39	0.1561	P	1.1
7	☐	50000.000	51051.646	354011.68	0.3159	P	2.0
8	☐	100000.00	109987.76	753047.70	0.6779	P	0.7
9	☐	500000.00	497866.26	3495224.78	3.0605	A	0.3
10	☐						

$$y = 6.1426\text{E-}006 * x + 0.0023$$

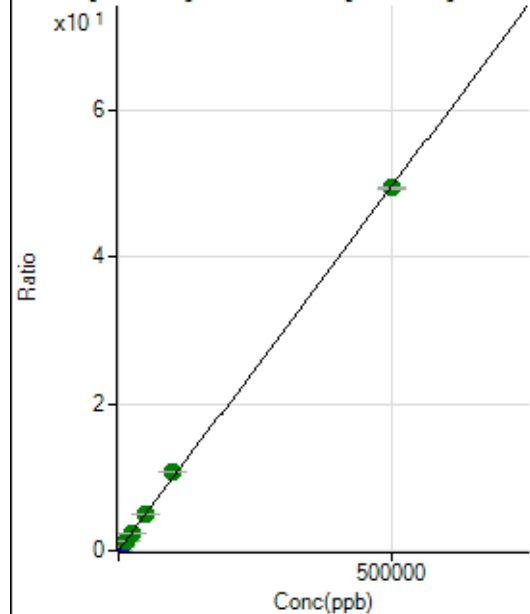
R = 0.9998

DL = 93.89

BEC = 373.2

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15495.02	0.0138	P	3.1
2	☐	50.000					
3	☐	500.000	488.049	71040.32	0.0621	P	1.5
4	☐	5000.000	5068.676	593627.22	0.5162	P	0.6
5	☐	12500.000	13605.928	1538773.07	1.3625	A	1.1
6	☐	25000.000	24647.091	2816866.97	2.4571	A	0.2
7	☐	50000.000	50133.630	5585478.60	4.9836	A	1.3
8	☐	100000.00	107741.28	11879924.57	10.6943	A	0.5
9	☐	500000.00	498427.70	56442824.87	49.4238	A	0.4
10	☐						

$$y = 9.9132\text{E-}005 * x + 0.0138$$

R = 0.9999

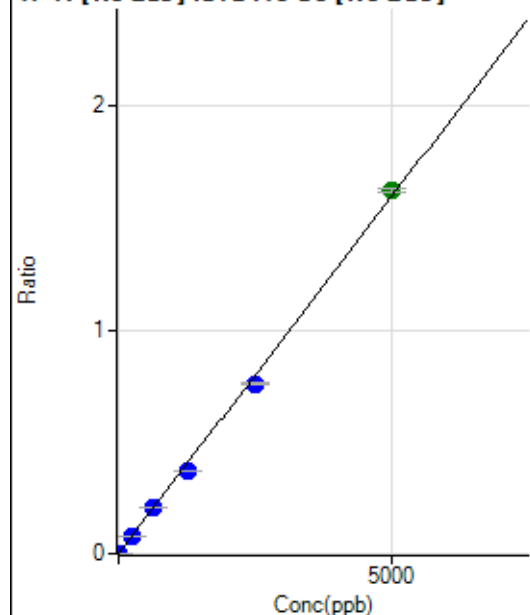
DL = 12.86

BEC = 138.7

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	1605.69	0.0014	P	7.4
2	☐	1.000					
3	☐	10.000	4.607	3306.04	0.0029	P	3.7
4	☐	250.000	231.323	86332.48	0.0751	P	1.5
5	☐	625.000	630.456	228299.00	0.2021	P	0.3
6	☐	1250.000	1160.791	425328.41	0.3710	P	0.5
7	☐	2500.000	2380.659	851107.94	0.7594	P	0.7
8	☐	5000.000	5082.235	1798952.75	1.6195	A	1.2
9	☐			1858.51	0.0016	P	6.0
10	☐						

$$y = 3.1837\text{E-}004 * x + 0.0014$$

$$R = 0.9994$$

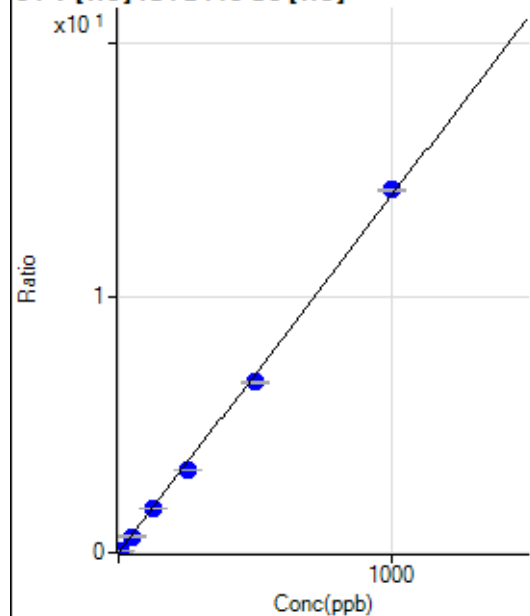
$$DL = 0.9996$$

$$BEC = 4.473$$

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	34.45	0.0004	P	57.4
2	☐	0.500					
3	☐	5.000	4.667	5221.03	0.0658	P	0.5
4	☐	50.000	45.711	51357.01	0.6405	P	1.3
5	☐	125.000	125.884	136418.97	1.7630	P	0.7
6	☐	250.000	230.140	252150.54	3.2227	P	1.0
7	☐	500.000	477.531	509544.12	6.6865	P	0.8
8	☐	1000.000	1016.305	1084763.82	14.2301	P	0.5
9	☐			202.23	0.0025	P	5.3
10	☐						

$$y = 0.0140 * x + 4.3523\text{E-}004$$

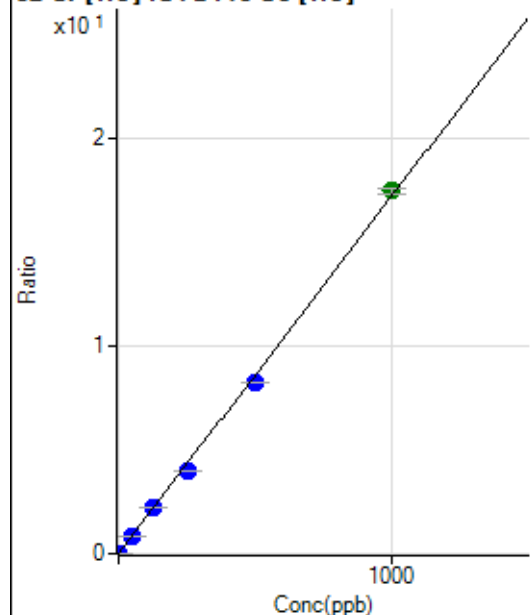
$$R = 0.9994$$

$$DL = 0.0535$$

$$BEC = 0.03108$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	633.36	0.0080	P	8.3
2	☐	0.200					
3	☐	2.000	1.795	3088.15	0.0389	P	1.7
4	☐	50.000	46.092	64315.63	0.8020	P	0.7
5	☐	125.000	127.003	169913.72	2.1959	P	0.8
6	☐	250.000	229.794	310358.10	3.9666	P	0.3
7	☐	500.000	478.603	628919.71	8.2528	P	1.0
8	☐	1000.000	1015.695	1334420.83	17.5052	A	1.5
9	☐			19539.31	0.2439	P	1.2
10	☐						

$$y = 0.0172 * x + 0.0080$$

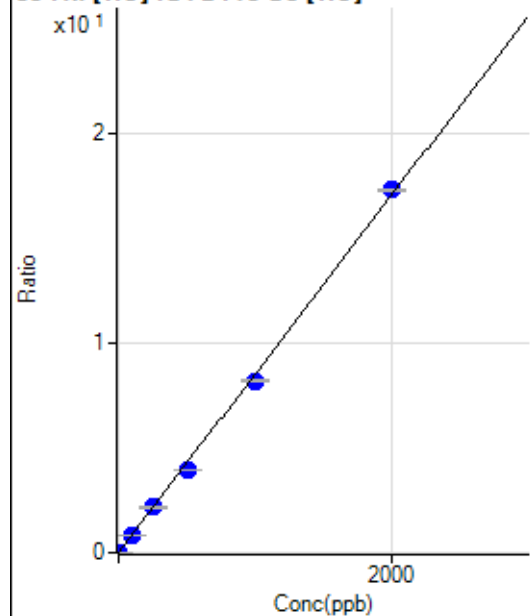
$$R = 0.9994$$

$$DL = 0.1155$$

$$BEC = 0.4637$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0005	P	17.9
2	☐	0.100					
3	☐	1.000	0.995	714.47	0.0090	P	12.4
4	☐	100.000	92.994	63558.32	0.7926	P	0.4
5	☐	250.000	253.063	166825.15	2.1559	P	0.8
6	☐	500.000	459.012	305937.63	3.9101	P	0.7
7	☐	1000.000	961.182	623941.29	8.1872	P	0.5
8	☐	2000.000	2029.623	1317827.91	17.2875	P	0.6
9	☐			5155.44	0.0644	P	2.8
10	☐	10000.000					

$$y = 0.0085 * x + 5.1920E-004$$

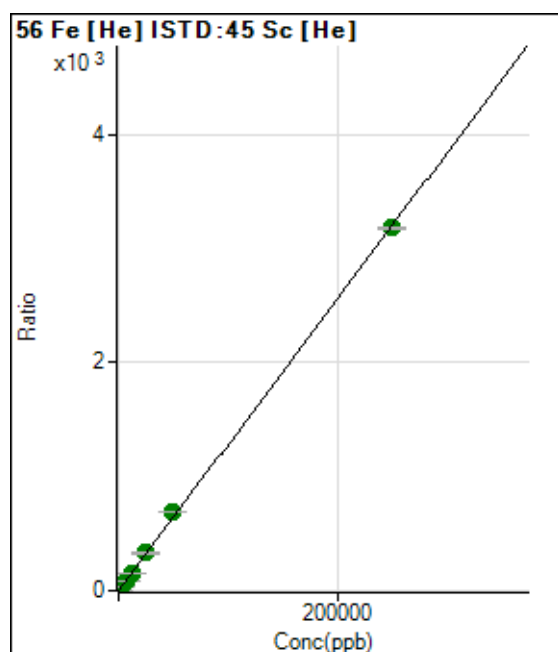
$$R = 0.9995$$

$$DL = 0.03275$$

$$BEC = 0.06096$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2600.29	0.0328	P	4.5
2	☐	5.000					
3	☐	50.000	51.382	54639.91	0.6884	P	0.3
4	☐	2500.000	2546.206	2607984.69	32.5223	A	0.5
5	☐	6250.000	6844.785	6760743.32	87.3720	A	0.9
6	☐	12500.000	12375.980	12358648.65	157.9498	A	1.1
7	☐	25000.000	25866.427	25154542.69	330.0874	A	1.6
8	☐	50000.000	54251.227	52772104.88	692.2764	A	1.1
9	☐	250000.00	249053.98	254605539.0	3,177.952	A	0.6
10	☐						

$$y = 0.0128 * x + 0.0328$$

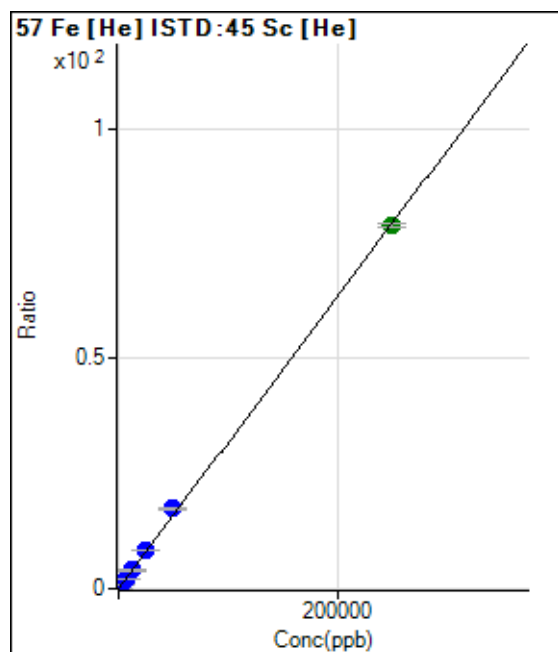
R = 0.9998

DL = 0.344

BEC = 2.571

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.74	0.0018	P	24.6
2	☐	5.000					
3	☐	50.000	49.100	1376.02	0.0173	P	5.9
4	☐	2500.000	2516.953	64085.65	0.7992	P	1.1
5	☐	6250.000	6855.566	168196.19	2.1737	P	1.8
6	☐	12500.000	12562.275	311534.10	3.9816	P	0.6
7	☐	25000.000	26083.833	629862.87	8.2654	P	0.7
8	☐	50000.000	54893.606	1325829.05	17.3926	P	0.7
9	☐	250000.00	248894.47	6317281.27	78.8538	A	0.9
10	☐						

$$y = 3.1681E-004 * x + 0.0018$$

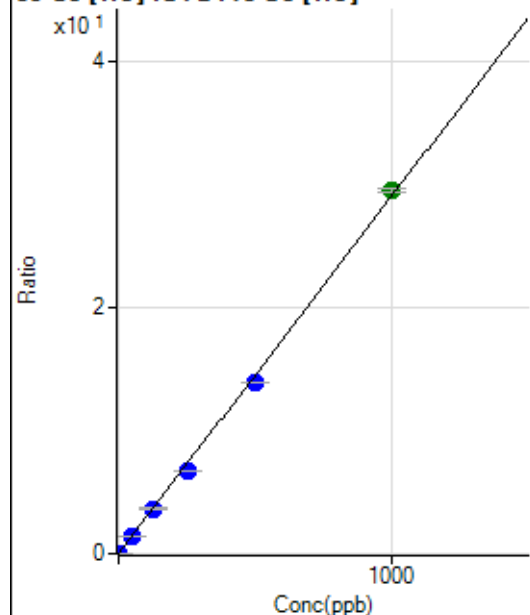
R = 0.9998

DL = 4.13

BEC = 5.606

Weight: <None>

Min Conc: 0

⁵⁹Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0016	P	18.2
2	☐	0.100					
3	☐	1.000	0.888	2172.41	0.0274	P	2.5
4	☐	50.000	46.408	108160.88	1.3488	P	0.5
5	☐	125.000	126.405	284061.23	3.6710	P	0.9
6	☐	250.000	231.464	525851.63	6.7208	P	0.2
7	☐	500.000	478.369	1058364.72	13.8882	P	0.5
8	☐	1000.000	1015.454	2247405.52	29.4793	A	1.0
9	☐			26147.92	0.3264	P	2.0
10	☐						

$$y = 0.0290 * x + 0.0016$$

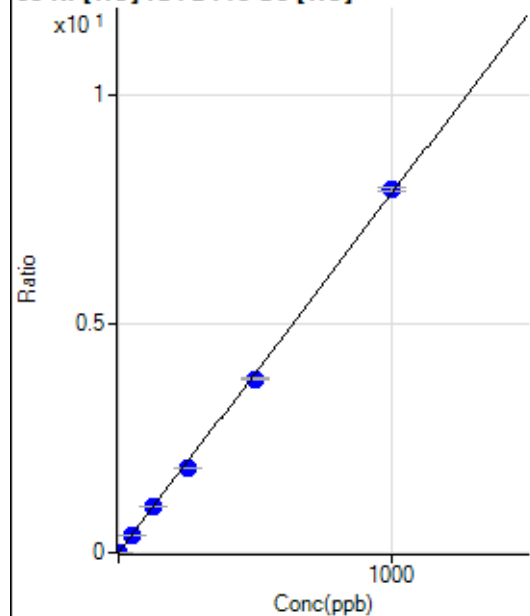
$$R = 0.9995$$

$$DL = 0.03004$$

$$BEC = 0.0551$$

Weight: <None>

Min Conc: 0

⁶⁰Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0011	P	9.5
2	☐	0.100					
3	☐	1.000	0.904	650.02	0.0082	P	7.7
4	☐	50.000	47.612	30067.97	0.3749	P	1.8
5	☐	125.000	129.191	78573.28	1.0154	P	1.3
6	☐	250.000	237.169	145785.78	1.8632	P	0.1
7	☐	500.000	484.474	289952.25	3.8050	P	0.7
8	☐	1000.000	1010.566	604913.81	7.9356	P	1.1
9	☐			10377.27	0.1295	P	3.0
10	☐						

$$y = 0.0079 * x + 0.0011$$

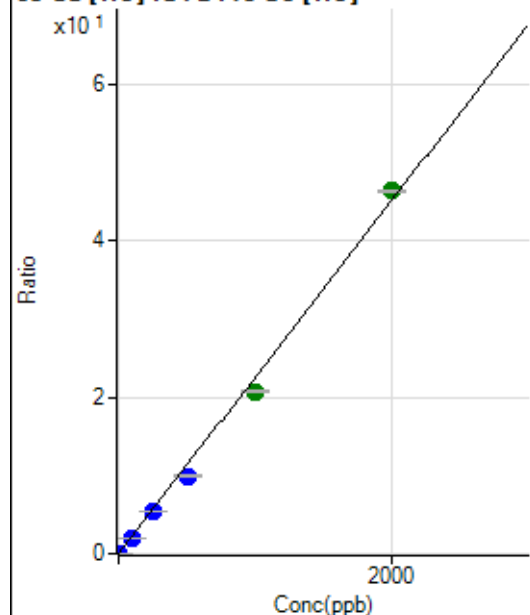
$$R = 0.9997$$

$$DL = 0.03972$$

$$BEC = 0.1392$$

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	675.58	0.0085	P	10.4
2	☐	0.200					
3	☐	2.000	1.740	3789.44	0.0478	P	5.2
4	☐	100.000	88.191	160154.63	1.9971	P	0.1
5	☐	250.000	241.759	422478.73	5.4599	P	0.7
6	☐	500.000	440.957	778633.57	9.9515	P	1.1
7	☐	1000.000	920.165	1581768.64	20.7570	A	1.3
8	☐	2000.000	2056.299	3535150.47	46.3753	A	0.7
9	☐			5706.78	0.0712	P	2.8
10	☐	10000.000					

$$y = 0.0225 * x + 0.0085$$

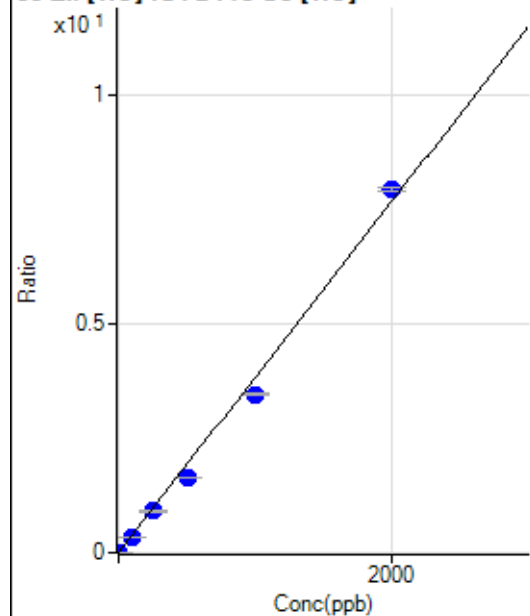
$$R = 0.9984$$

$$DL = 0.1184$$

$$BEC = 0.3782$$

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	191.12	0.0024	P	24.9
2	☐	0.200					
3	☐	2.000	1.797	738.92	0.0093	P	3.4
4	☐	100.000	86.678	26863.87	0.3350	P	3.0
5	☐	250.000	236.023	70259.96	0.9080	P	1.0
6	☐	500.000	430.882	129542.54	1.6557	P	0.6
7	☐	1000.000	903.013	264212.66	3.4672	P	0.6
8	☐	2000.000	2068.186	605086.75	7.9378	P	1.1
9	☐			7496.55	0.0935	P	4.6
10	☐	10000.000					

$$y = 0.0038 * x + 0.0024$$

$$R = 0.9977$$

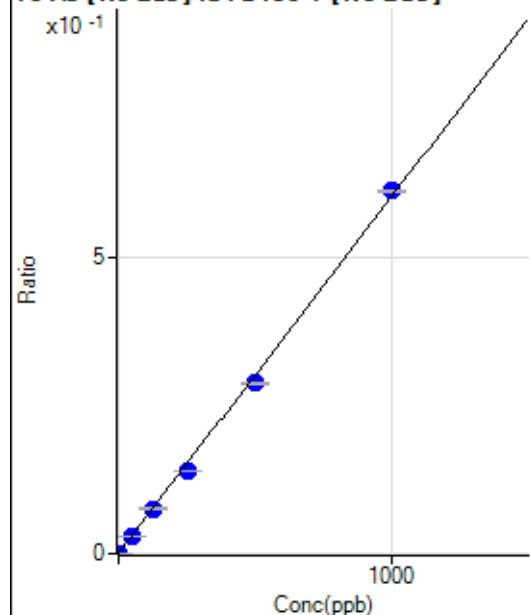
$$DL = 0.4694$$

$$BEC = 0.6291$$

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	1457.60	0.0009	P	4.4
2	☐	0.100					
3	☐	1.000	1.059	2524.05	0.0015	P	0.8
4	☐	50.000	46.535	47748.89	0.0289	P	2.2
5	☐	125.000	124.842	126308.42	0.0759	P	2.6
6	☐	250.000	231.051	238347.82	0.1397	P	1.1
7	☐	500.000	476.262	484184.74	0.2871	P	0.9
8	☐	1000.000	1016.799	1039366.28	0.6119	P	0.3
9	☐			3401.81	0.0020	P	10.8
10	☐						

$$y = 6.0086\text{E-}004 * x + 9.0334\text{E-}004$$

R = 0.9994

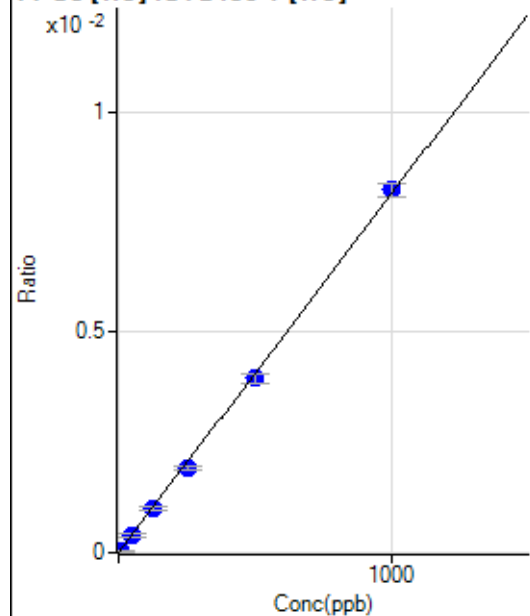
DL = 0.1974

BEC = 1.503

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	3.166	12.22	0.0000	P	63.2
4	☐	50.000	47.535	170.00	0.0004	P	15.6
5	☐	125.000	123.588	433.34	0.0010	P	6.3
6	☐	250.000	235.175	842.26	0.0019	P	2.8
7	☐	500.000	486.134	1727.90	0.0040	P	5.5
8	☐	1000.000	1010.948	3588.29	0.0082	P	3.9
9	☐			2.22	0.0000	P	86.6
10	☐						

$$y = 8.1460\text{E-}006 * x + 2.5741\text{E-}006$$

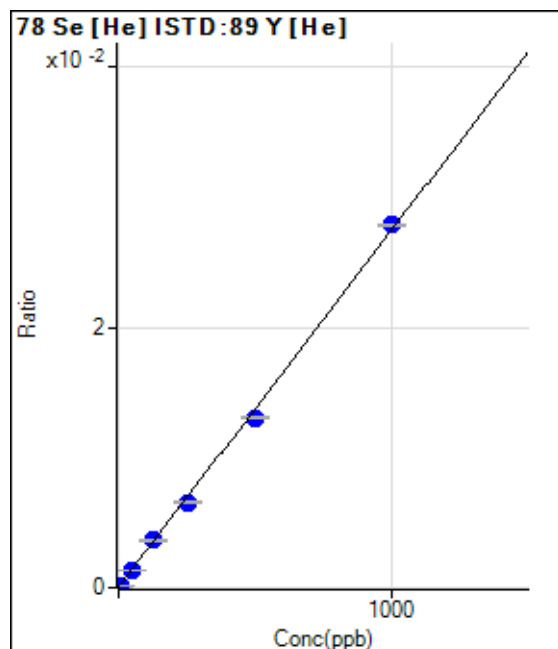
R = 0.9997

DL = 1.642

BEC = 0.316

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.33	0.0001	P	26.5
2	☐	0.500					
3	☐	5.000	4.732	80.34	0.0002	P	5.8
4	☐	50.000	47.586	593.41	0.0014	P	3.6
5	☐	125.000	130.851	1562.58	0.0036	P	4.1
6	☐	250.000	237.129	2875.26	0.0065	P	1.1
7	☐	500.000	474.978	5699.09	0.0131	P	1.1
8	☐	1000.000	1015.119	12129.87	0.0278	P	0.7
9	☐			33.67	0.0001	P	23.0
10	☐						

$$y = 2.7379\text{E-}005 * x + 5.6545\text{E-}005$$

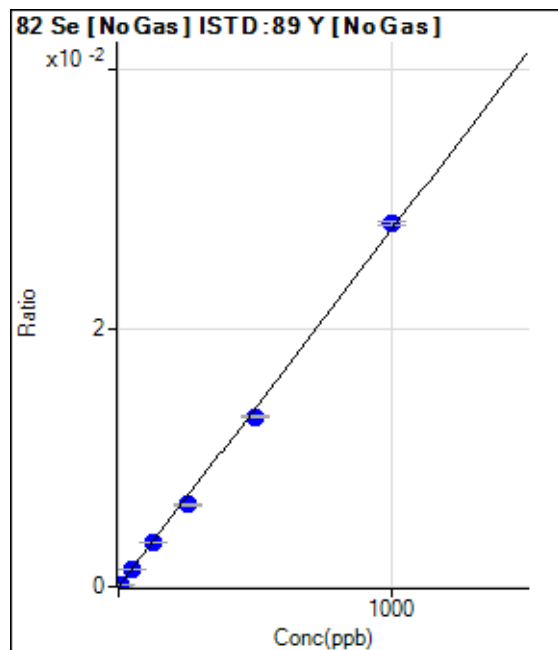
R = 0.9994

DL = 1.642

BEC = 2.065

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-75.07	0.0000	P	-48.4
2	☐	0.500					
3	☐	5.000	4.823	142.27	0.0001	P	46.1
4	☐	50.000	49.201	2174.78	0.0013	P	1.6
5	☐	125.000	124.002	5631.02	0.0034	P	2.6
6	☐	250.000	230.418	10795.31	0.0063	P	1.2
7	☐	500.000	475.636	22119.93	0.0131	P	0.8
8	☐	1000.000	1017.243	47735.71	0.0281	P	1.2
9	☐			-32.92	0.0000	P	-130.
10	☐						

$$y = 2.7671\text{E-}005 * x - 4.6880\text{E-}005$$

R = 0.9993

DL = 2.459

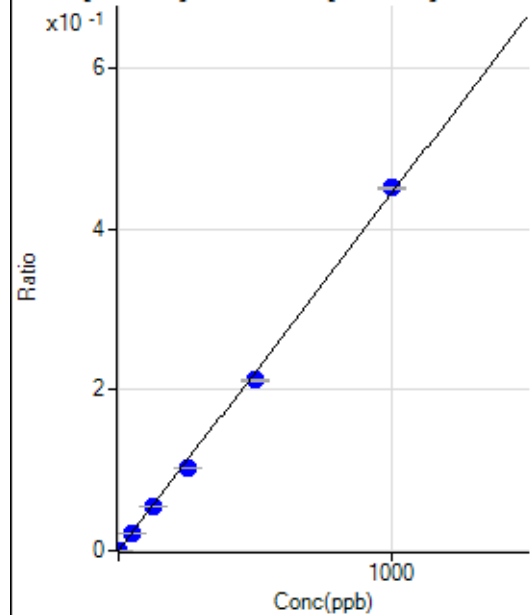
BEC = -1.694

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			313.34		P	5.5
2	☐						
3	☐			332.23		P	10.1
4	☐			237.78		P	15.6
5	☐			348.90		P	6.1
6	☐			310.01		P	5.7
7	☐			278.90		P	12.9
8	☐			287.78		P	2.9
9	☐			322.23		P	14.0
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	386.13	0.0002	P	18.6
2	☐	0.100					
3	☐	1.000	0.949	1080.63	0.0007	P	11.6
4	☐	50.000	47.197	35006.58	0.0212	P	0.2
5	☐	125.000	124.503	92218.89	0.0554	P	2.0
6	☐	250.000	230.296	174523.14	0.1023	P	1.0
7	☐	500.000	478.080	357799.23	0.2121	P	1.2
8	☐	1000.000	1016.088	765445.59	0.4506	P	0.7
9	☐			3364.40	0.0020	P	5.4
10	☐						

$$y = 4.4324E-004 * x + 2.3899E-004$$

$$R = 0.9994$$

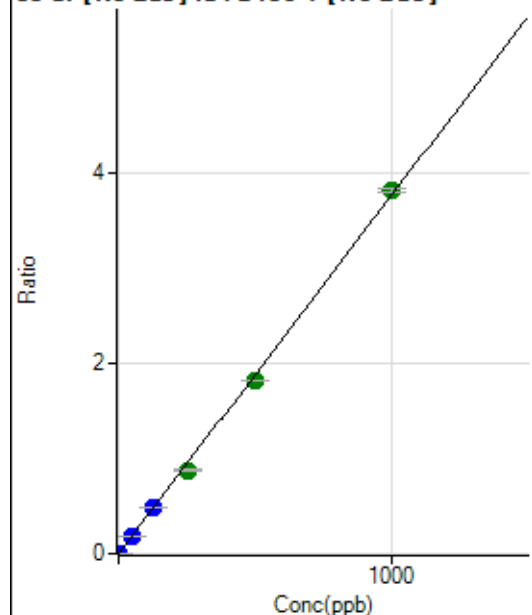
$$DL = 0.3012$$

$$BEC = 0.5392$$

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	58.33	0.0000	P	2.2
2	☐	0.100					
3	☐	1.000	0.896	5579.07	0.0034	P	4.6
4	☐	50.000	47.905	297908.21	0.1801	P	1.9
5	☐	125.000	128.347	802685.79	0.4824	P	2.0
6	☐	250.000	232.252	1488878.55	0.8729	A	1.6
7	☐	500.000	483.094	3062377.37	1.8157	A	1.0
8	☐	1000.000	1012.577	6464781.09	3.8057	A	0.9
9	☐			26804.63	0.0159	P	1.3
10	☐						

$$y = 0.0038 * x + 3.6182E-005$$

$$R = 0.9996$$

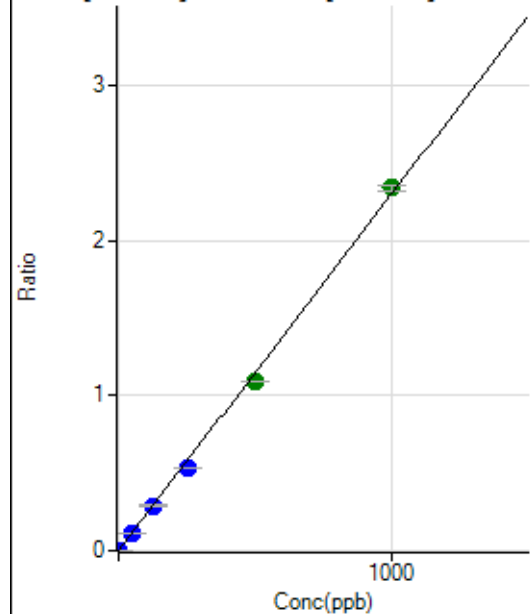
$$DL = 0.0006352$$

$$BEC = 0.009627$$

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	113.89	0.0001	P	20.5
2	☐	0.100					
3	☐	1.000	0.889	3469.98	0.0021	P	9.4
4	☐	50.000	46.903	178717.43	0.1080	P	1.9
5	☐	125.000	125.998	482648.29	0.2901	P	1.9
6	☐	250.000	231.239	907937.32	0.5323	P	1.0
7	☐	500.000	474.256	1841214.43	1.0916	A	0.5
8	☐	1000.000	1017.593	3978534.77	2.3421	A	1.5
9	☐			1202.87	0.0007	P	17.3
10	☐						

$$y = 0.0023 * x + 7.0838E-005$$

$$R = 0.9993$$

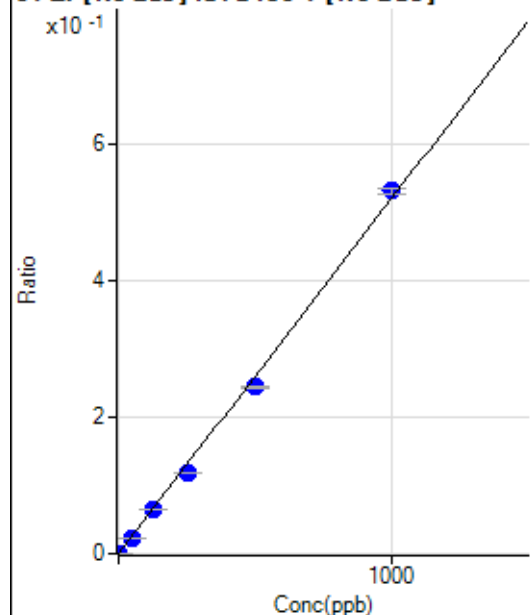
$$DL = 0.01893$$

$$BEC = 0.03078$$

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	50.00	0.0000	P	58.8
2	☐	0.100					
3	☐	1.000	0.802	736.15	0.0004	P	9.9
4	☐	50.000	45.639	39416.06	0.0238	P	0.5
5	☐	125.000	123.283	107007.25	0.0643	P	0.5
6	☐	250.000	227.232	202114.08	0.1185	P	0.8
7	☐	500.000	468.959	412373.12	0.2445	P	1.4
8	☐	1000.000	1021.646	904770.69	0.5326	P	1.4
9	☐			263.90	0.0002	P	20.0
10	☐						

$$y = 5.2132\text{E-}004 * x + 3.0749\text{E-}005$$

$$R = 0.9990$$

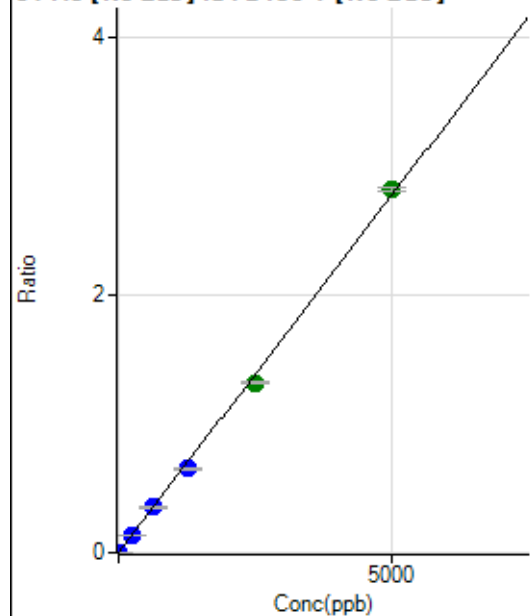
$$DL = 0.1041$$

$$BEC = 0.05898$$

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	36.11	0.0000	P	91.4
2	☐	1.000					
3	☐	10.000	4.813	4406.40	0.0027	P	5.5
4	☐	250.000	234.732	215179.98	0.1301	P	1.1
5	☐	625.000	636.301	586595.37	0.3525	P	2.0
6	☐	1250.000	1172.350	1107815.09	0.6495	P	1.8
7	☐	2500.000	2377.182	2221399.18	1.3170	A	0.9
8	☐	5000.000	5080.183	4780991.91	2.8145	A	0.9
9	☐			2089.12	0.0012	P	4.3
10	☐						

$$y = 5.5402\text{E-}004 * x + 2.2137\text{E-}005$$

$$R = 0.9994$$

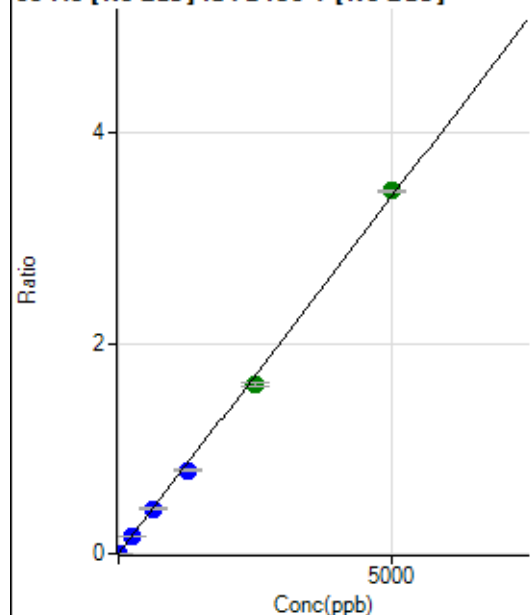
$$DL = 0.1096$$

$$BEC = 0.03996$$

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	33.33	0.0000	P	51.5
2	☐	1.000					
3	☐	10.000	4.622	5176.12	0.0032	P	2.1
4	☐	250.000	236.219	265268.41	0.1603	P	1.5
5	☐	625.000	630.753	712367.93	0.4281	P	1.9
6	☐	1250.000	1164.284	1347817.38	0.7902	P	2.0
7	☐	2500.000	2373.188	2716505.07	1.6108	A	1.8
8	☐	5000.000	5084.816	5862506.25	3.4512	A	0.8
9	☐			3094.88	0.0018	P	3.9
10	☐						

$$y = 6.7872\text{E-}004 * x + 2.0753\text{E-}005$$

R = 0.9994

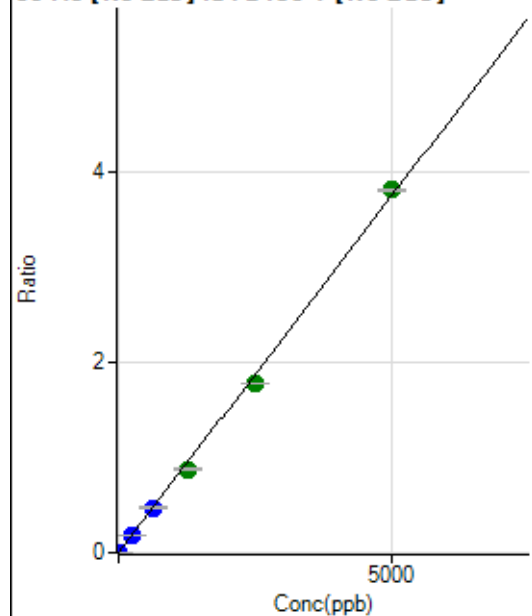
DL = 0.04725

BEC = 0.03058

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	75.00	0.0000	P	59.9
2	☐	1.000					
3	☐	10.000	4.824	6009.83	0.0037	P	2.2
4	☐	250.000	233.422	289818.79	0.1752	P	2.0
5	☐	625.000	628.156	784354.17	0.4714	P	1.8
6	☐	1250.000	1164.731	1490725.40	0.8740	A	1.5
7	☐	2500.000	2369.553	2999015.65	1.7781	A	0.6
8	☐	5000.000	5086.985	6484054.31	3.8171	A	0.4
9	☐			3811.75	0.0023	P	2.2
10	☐						

$$y = 7.5036\text{E-}004 * x + 4.6903\text{E-}005$$

R = 0.9993

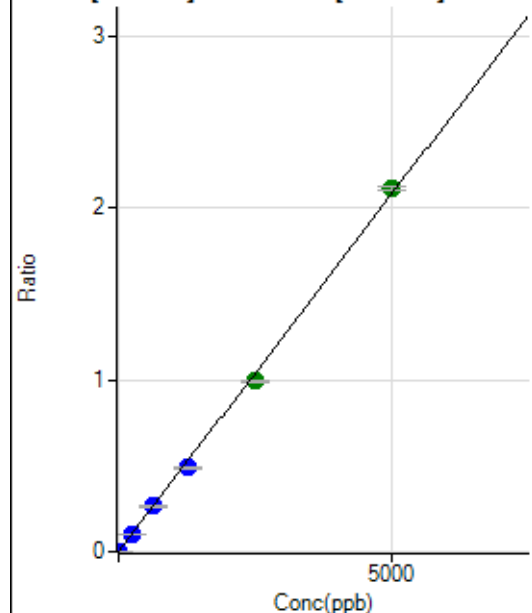
DL = 0.1124

BEC = 0.06251

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	180.56	0.0001	P	13.6
2	☐	1.000					
3	☐	10.000	4.553	3283.82	0.0020	P	6.9
4	☐	250.000	237.878	163684.69	0.0989	P	2.3
5	☐	625.000	635.459	439497.86	0.2641	P	2.1
6	☐	1250.000	1173.452	831790.53	0.4877	P	1.4
7	☐	2500.000	2383.427	1670449.45	0.9904	A	1.7
8	☐	5000.000	5076.733	3583281.07	2.1095	A	1.0
9	☐			2022.44	0.0012	P	12.6
10	☐						

$$y = 4.1549\text{E-}004 * x + 1.1193\text{E-}004$$

R = 0.9995

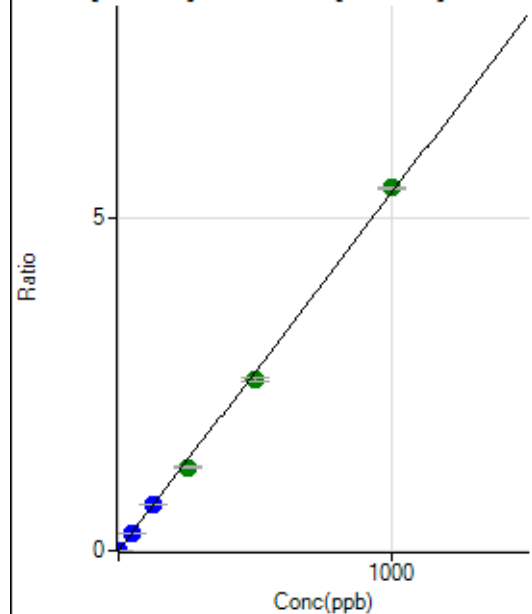
DL = 0.1101

BEC = 0.2694

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	58.33	0.0000	P	36.8
2	☐	0.100					
3	☐	1.000	0.958	8472.29	0.0052	P	4.3
4	☐	50.000	47.339	419786.45	0.2538	P	1.7
5	☐	125.000	127.905	1140835.75	0.6856	P	0.9
6	☐	250.000	231.896	2119912.14	1.2429	A	1.9
7	☐	500.000	479.500	4334372.67	2.5700	A	1.5
8	☐	1000.000	1014.546	9236984.50	5.4377	A	0.5
9	☐			4887.15	0.0029	P	3.3
10	☐						

$$y = 0.0054 * x + 3.6032\text{E-}005$$

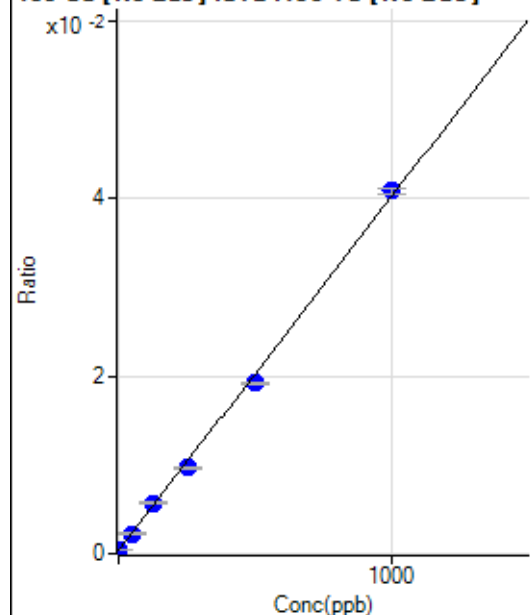
R = 0.9995

DL = 0.00742

BEC = 0.006723

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	569.47	0.0003	P	5.8
2	☐	0.100					
3	☐	1.000	0.931	638.92	0.0004	P	17.0
4	☐	50.000	48.170	3770.08	0.0023	P	1.5
5	☐	125.000	134.764	9531.37	0.0057	P	1.5
6	☐	250.000	233.723	16708.02	0.0097	P	1.8
7	☐	500.000	472.821	33213.49	0.0192	P	1.6
8	☐	1000.000	1016.530	73715.08	0.0409	P	1.6
9	☐			527.80	0.0003	P	9.0
10	☐						

$$y = 3.9874\text{E-}005 * x + 3.4840\text{E-}004$$

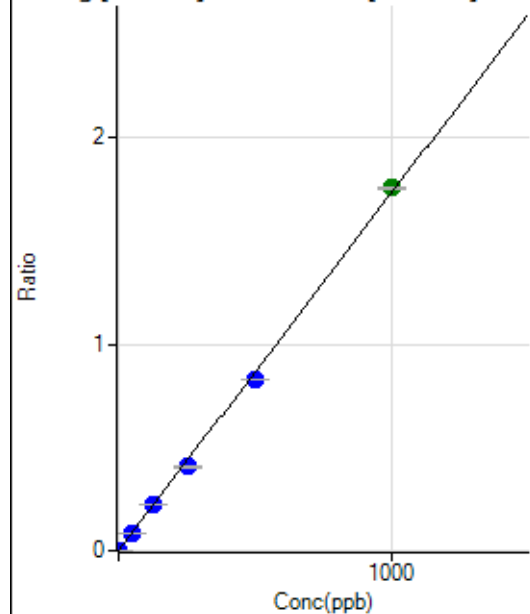
R = 0.9992

DL = 1.515

BEC = 8.737

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	88.89	0.0001	P	42.6
2	☐	0.100					
3	☐	1.000	0.896	2661.45	0.0016	P	6.8
4	☐	50.000	48.726	140282.53	0.0844	P	0.5
5	☐	125.000	130.529	376619.50	0.2261	P	0.7
6	☐	250.000	234.834	702744.16	0.4067	P	2.0
7	☐	500.000	478.208	1432371.67	0.8281	P	0.9
8	☐	1000.000	1014.060	3166636.35	1.7560	A	0.5
9	☐			1166.76	0.0007	P	10.9
10	☐						

$$y = 0.0017 * x + 5.4355\text{E-}005$$

R = 0.9995

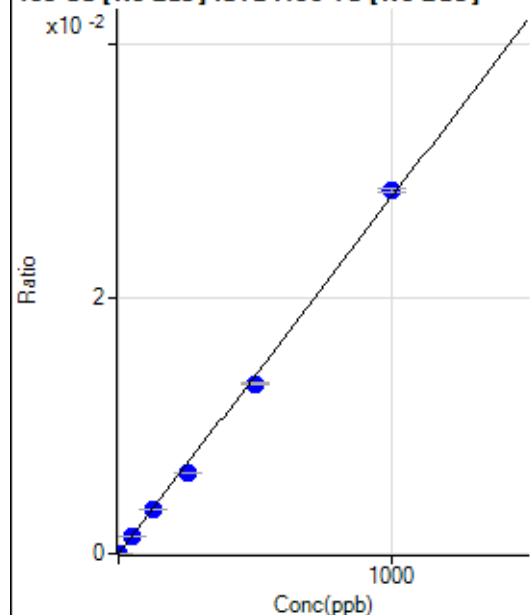
DL = 0.04012

BEC = 0.03139

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	0.00	0.0000	P	
2	☐	0.100					
3	☐	1.000	1.228	56.95	0.0000	P	14.7
4	☐	50.000	47.271	2197.44	0.0013	P	1.4
5	☐	125.000	123.949	5777.69	0.0035	P	1.1
6	☐	250.000	226.463	10949.02	0.0063	P	1.6
7	☐	500.000	476.837	23076.75	0.0133	P	1.7
8	☐	1000.000	1017.733	51345.68	0.0285	P	1.0
9	☐			16.67	0.0000	P	25.2
10	☐						

$$y = 2.7979\text{E-}005 * x + 0.0000\text{E+}000$$

$$R = 0.9993$$

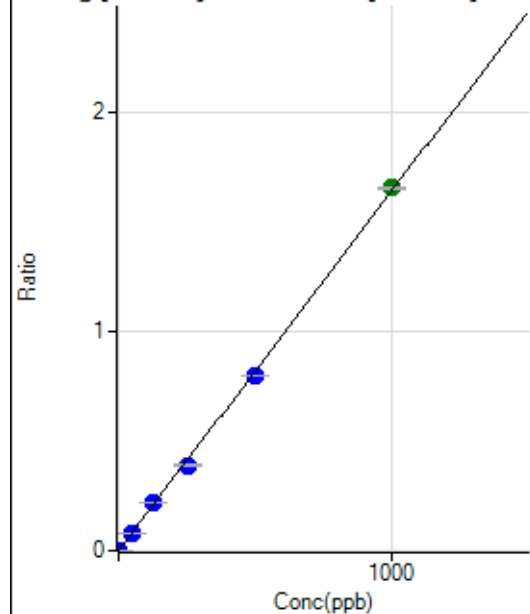
$$DL = 0$$

$$BEC = 0$$

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	58.33	0.0000	P	25.6
2	☐	0.100					
3	☐	1.000	0.889	2475.30	0.0015	P	3.8
4	☐	50.000	48.791	132944.88	0.0800	P	1.7
5	☐	125.000	132.390	361564.99	0.2171	P	1.6
6	☐	250.000	237.893	673974.02	0.3900	P	0.6
7	☐	500.000	485.214	1375815.52	0.7954	P	0.2
8	☐	1000.000	1009.557	2984371.92	1.6550	A	0.3
9	☐			1047.29	0.0006	P	3.3
10	☐						

$$y = 0.0016 * x + 3.5722\text{E-}005$$

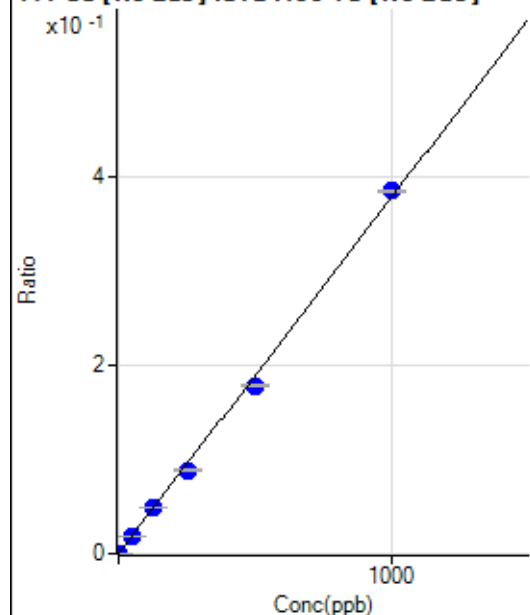
$$R = 0.9997$$

$$DL = 0.01675$$

$$BEC = 0.02179$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	418.07	0.0003	P	5.7
2	☐	0.100					
3	☐	1.000	0.916	996.29	0.0006	P	14.4
4	☐	50.000	47.644	30285.22	0.0182	P	1.8
5	☐	125.000	128.043	80877.64	0.0486	P	1.6
6	☐	250.000	233.331	152523.64	0.0883	P	1.8
7	☐	500.000	471.083	307779.44	0.1779	P	1.3
8	☐	1000.000	1018.363	693131.04	0.3844	P	0.8
9	☐			436.96	0.0003	P	14.4
10	☐						

$$y = 3.7720\text{E-}004 * x + 2.5576\text{E-}004$$

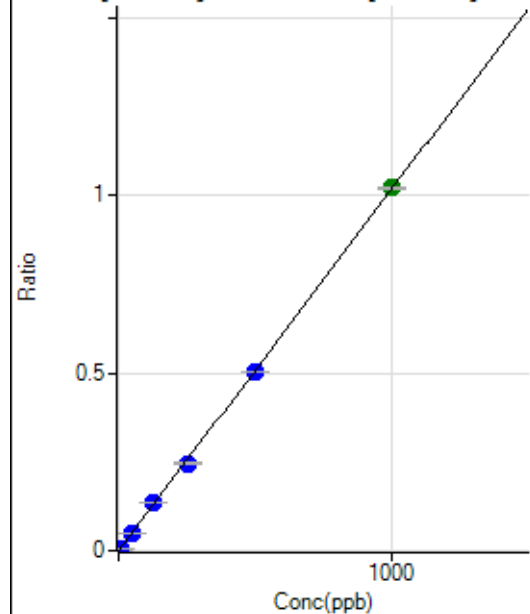
R = 0.9992

DL = 0.1158

BEC = 0.678

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	250.01	0.0002	P	14.1
2	☐	0.500					
3	☐	5.000	4.812	8350.05	0.0050	P	1.0
4	☐	50.000	49.452	83702.66	0.0504	P	1.1
5	☐	125.000	131.997	223576.20	0.1342	P	0.8
6	☐	250.000	240.554	422445.57	0.2445	P	1.5
7	☐	500.000	494.085	868245.77	0.5020	P	0.2
8	☐	1000.000	1004.472	1839951.95	1.0203	A	0.8
9	☐			1200.09	0.0007	P	4.2
10	☐						

$$y = 0.0010 * x + 1.5282\text{E-}004$$

R = 0.9999

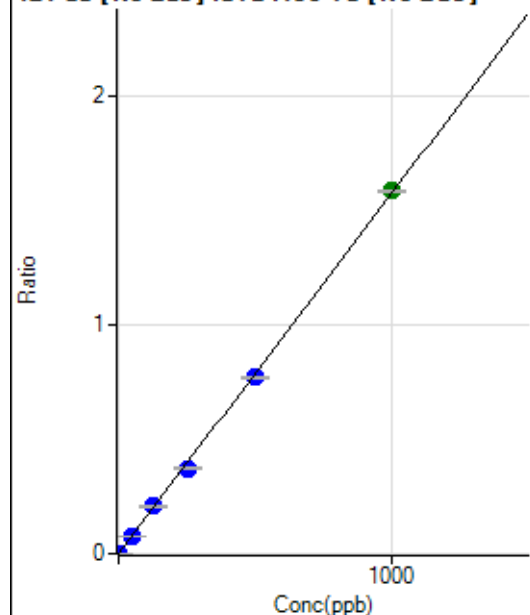
DL = 0.06357

BEC = 0.1505

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	49.1
2	☐	0.200					
3	☐	2.000	1.742	4570.35	0.0028	P	3.0
4	☐	50.000	48.929	128187.79	0.0772	P	0.7
5	☐	125.000	131.653	345773.87	0.2076	P	1.3
6	☐	250.000	236.547	644458.99	0.3729	P	1.3
7	☐	500.000	490.727	1338159.34	0.7737	P	1.0
8	☐	1000.000	1007.222	2863520.72	1.5880	A	0.6
9	☐			3081.00	0.0018	P	7.3
10	☐						

$$y = 0.0016 * x + 1.1861E-005$$

$$R = 0.9998$$

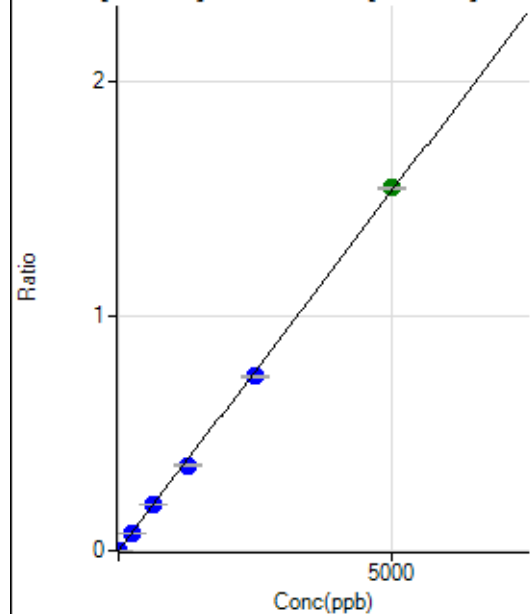
$$DL = 0.01108$$

$$BEC = 0.007524$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	55.2
2	☐	1.000					
3	☐	10.000	8.869	4534.23	0.0027	P	1.2
4	☐	250.000	240.678	122590.39	0.0738	P	0.5
5	☐	625.000	648.666	331178.84	0.1988	P	1.7
6	☐	1250.000	1180.912	625428.53	0.3619	P	2.0
7	☐	2500.000	2430.082	1288169.06	0.7448	P	1.2
8	☐	5000.000	5049.741	2790756.88	1.5476	A	0.8
9	☐			388.90	0.0002	P	16.0
10	☐						

$$y = 3.0648E-004 * x + 1.8586E-005$$

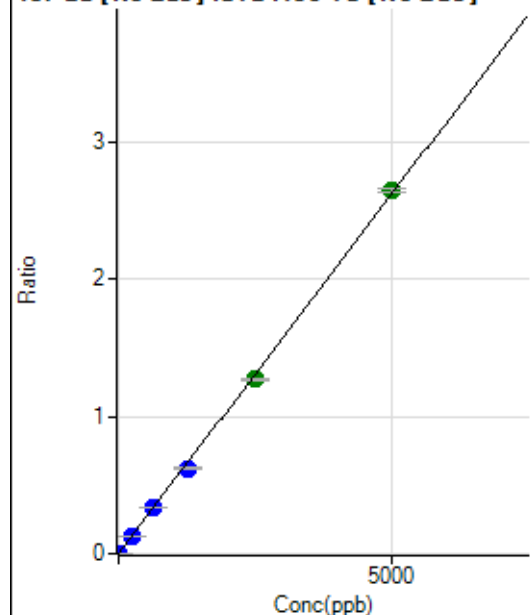
$$R = 0.9997$$

$$DL = 0.1004$$

$$BEC = 0.06064$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	9.2
2	☐	1.000					
3	☐	10.000	9.324	8124.96	0.0049	P	6.4
4	☐	250.000	243.128	211368.52	0.1272	P	1.4
5	☐	625.000	648.855	565486.94	0.3395	P	0.9
6	☐	1250.000	1187.427	1073435.06	0.6212	P	1.9
7	☐	2500.000	2428.904	2197747.60	1.2707	A	1.1
8	☐	5000.000	5048.554	4762430.14	2.6411	A	0.9
9	☐			669.48	0.0004	P	5.7
10	☐						

$$y = 5.2313E-004 * x + 2.7155E-005$$

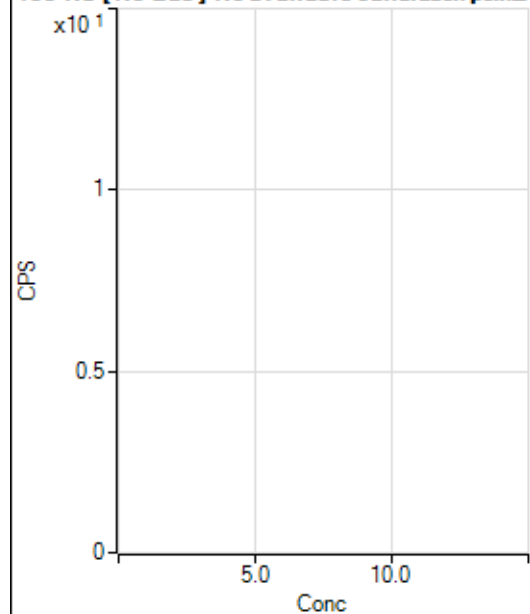
$$R = 0.9997$$

$$DL = 0.01439$$

$$BEC = 0.05191$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.2
4	☐			4.44		P	173.2
5	☐			24.44		P	41.7
6	☐			35.55		P	47.2
7	☐			60.00		P	11.1
8	☐			157.78		P	6.5
9	☐			55.56		P	30.2
10	☐						

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			4.44		P	43.4
7	☐			4.44		P	114.6
8	☐			27.78		P	13.9
9	☐			24.45		P	15.8
10	☐						

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			2.78		P	173.2
5	☐			5.55		P	86.6
6	☐			5.55		P	86.6
7	☐			38.89		P	32.7
8	☐			25.00		P	66.7
9	☐			30.56		P	31.5
10	☐						

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			2.22		P	173.2
6	☐			2.22		P	86.6
7	☐			8.89		P	21.6
8	☐			12.22		P	56.8
9	☐			16.66		P	34.6
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐						
3	☐			11.11		P	86.6
4	☐			22.22		P	21.6
5	☐			13.89		P	69.3
6	☐			22.22		P	94.4
7	☐			22.22		P	57.3
8	☐			36.11		P	93.3
9	☐			33.34		P	66.1
10	☐						

160 Gd [He] No available calibration points

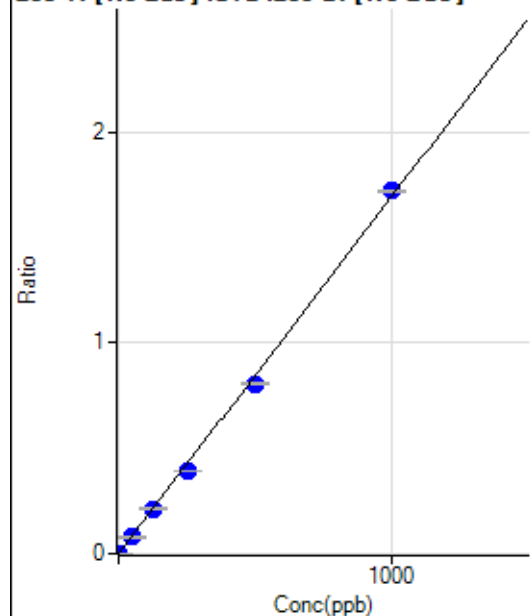
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.34		P	86.6
2	☐						
3	☐			11.11		P	69.3
4	☐			6.67		P	86.6
5	☐			15.56		P	81.1
6	☐			10.00		P	57.7
7	☐			22.22		P	31.2
8	☐			24.45		P	28.4
9	☐			28.89		P	48.0
10	☐						

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			8.33		P	100.0
4	☐			2.78		P	173.2
5	☐			8.33		P	100.0
6	☐			2.78		P	173.2
7	☐			13.89		P	34.7
8	☐			13.89		P	34.7
9	☐			16.67		P	173.2
10	☐						

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐						
3	☐			2.22		P	86.6
4	☐			4.44		P	43.4
5	☐			3.33		P	100.1
6	☐			7.78		P	49.5
7	☐			8.89		P	78.1
8	☐			6.67		P	50.0
9	☐			5.56		P	34.7
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.23	0.0001	P	53.7
2	☐	0.100					
3	☐	1.000	0.916	1525.14	0.0016	P	7.7
4	☐	50.000	45.860	73556.92	0.0776	P	1.5
5	☐	125.000	125.878	200005.39	0.2129	P	1.6
6	☐	250.000	230.303	376703.75	0.3895	P	0.0
7	☐	500.000	476.441	784546.48	0.8056	P	0.7
8	☐	1000.000	1016.801	1703294.18	1.7192	P	0.3
9	☐			386.13	0.0004	P	8.7
10	☐						

$$y = 0.0017 * x + 7.7367E-005$$

$$R = 0.9994$$

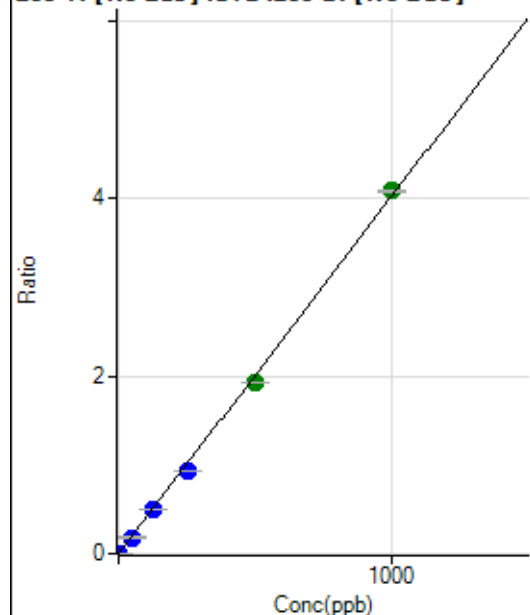
$$DL = 0.07372$$

$$BEC = 0.04576$$

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	180.56	0.0002	P	40.5
2	☐	0.100					
3	☐	1.000	0.853	3403.33	0.0036	P	4.8
4	☐	50.000	45.714	174582.90	0.1842	P	1.5
5	☐	125.000	125.837	476028.19	0.5067	P	0.8
6	☐	250.000	230.880	899127.80	0.9296	P	0.6
7	☐	500.000	477.965	1873919.90	1.9242	A	0.0
8	☐	1000.000	1015.907	4051664.85	4.0896	A	0.7
9	☐			786.16	0.0009	P	1.3
10	☐						

$$y = 0.0040 * x + 1.9348E-004$$

$$R = 0.9994$$

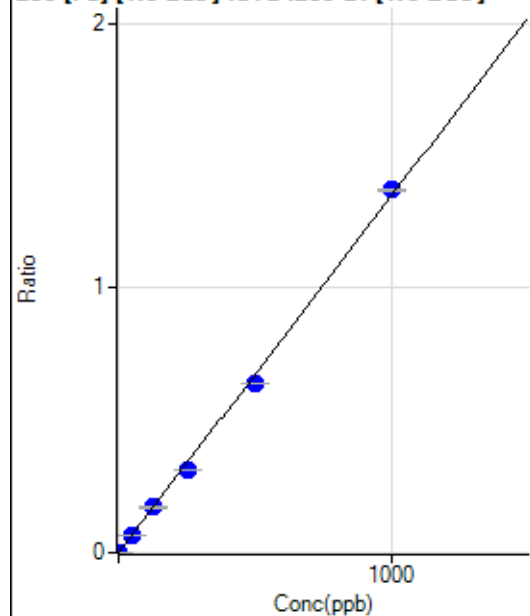
$$DL = 0.0584$$

$$BEC = 0.04807$$

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	135.19	0.0001	P	33.5
2	☐	0.100					
3	☐	1.000	0.868	1233.42	0.0013	P	7.2
4	☐	50.000	46.196	59140.74	0.0624	P	0.5
5	☐	125.000	126.702	160533.02	0.1709	P	0.5
6	☐	250.000	230.982	301210.39	0.3114	P	0.6
7	☐	500.000	476.301	625243.29	0.6420	P	0.1
8	☐	1000.000	1016.582	1357420.30	1.3701	P	0.6
9	☐			3080.06	0.0034	P	2.8
10	☐	10000.000					

$$y = 0.0013 * x + 1.4529E-004$$

$$R = 0.9994$$

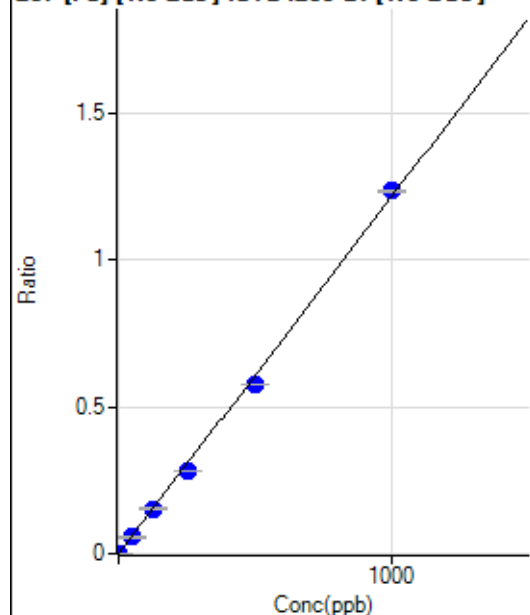
$$DL = 0.1083$$

$$BEC = 0.1078$$

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	124.08	0.0001	P	17.1
2	☐	0.100					
3	☐	1.000	0.846	1088.96	0.0012	P	5.2
4	☐	50.000	45.958	53042.07	0.0560	P	1.8
5	☐	125.000	126.421	144412.34	0.1537	P	1.3
6	☐	250.000	231.716	272419.28	0.2816	P	0.5
7	☐	500.000	475.536	562767.01	0.5779	P	0.4
8	☐	1000.000	1016.828	1224060.78	1.2355	P	0.3
9	☐			2644.78	0.0029	P	4.8
10	☐	10000.000					

$$y = 0.0012 * x + 1.3325E-004$$

$$R = 0.9994$$

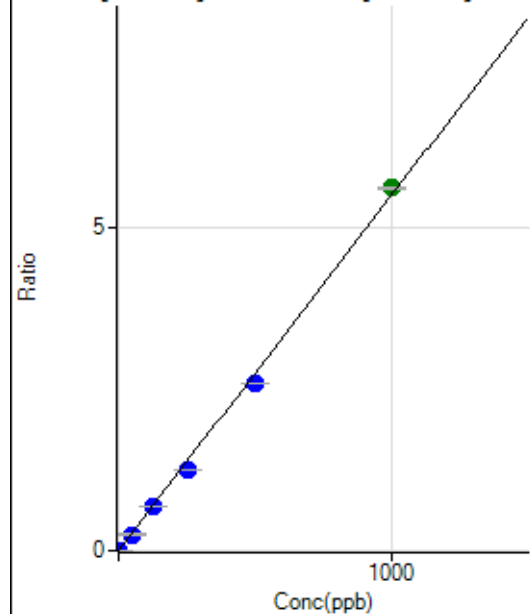
$$DL = 0.05633$$

$$BEC = 0.1097$$

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	550.01	0.0006	P	17.7
2	☐	0.100					
3	☐	1.000	0.859	4991.24	0.0053	P	2.6
4	☐	50.000	45.738	239383.75	0.2526	P	0.9
5	☐	125.000	124.449	644662.33	0.6862	P	0.2
6	☐	250.000	227.737	1214193.20	1.2553	P	0.6
7	☐	500.000	469.889	2521734.92	2.5894	P	0.4
8	☐	1000.000	1020.904	5573199.95	5.6252	A	0.3
9	☐			12056.18	0.0131	P	1.6
10	☐	10000.000					

$$y = 0.0055 * x + 5.9090E-004$$

$$R = 0.9991$$

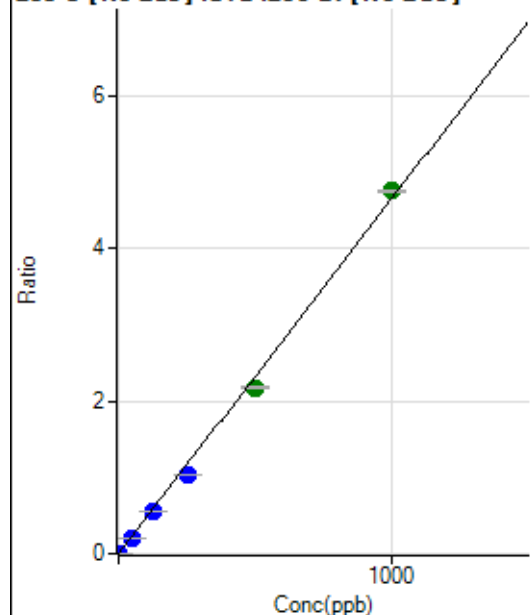
$$DL = 0.05698$$

$$BEC = 0.1073$$

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	150.01	0.0002	P	8.9
2	☐	0.100					
3	☐	1.000	0.866	3922.96	0.0042	P	4.2
4	☐	50.000	43.548	191805.57	0.2024	P	1.2
5	☐	125.000	121.148	528634.01	0.5627	P	0.4
6	☐	250.000	224.424	1008159.55	1.0423	P	0.3
7	☐	500.000	468.652	2119694.06	2.1764	A	1.2
8	☐	1000.000	1022.872	4705956.18	4.7499	A	0.6
9	☐			305.57	0.0003	P	18.7
10	☐						

$$y = 0.0046 * x + 1.6099E-004$$

$$R = 0.9989$$

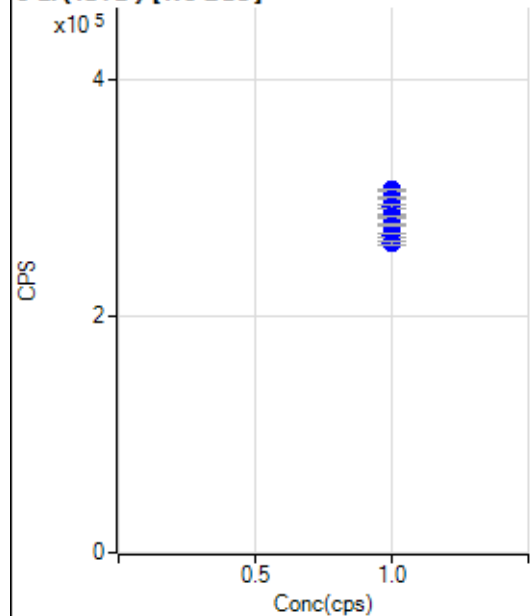
$$DL = 0.009257$$

$$BEC = 0.03467$$

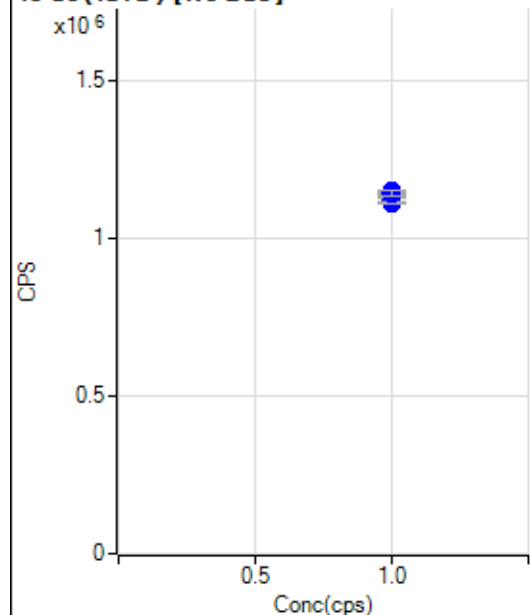
Weight: <None>

Min Conc: 0

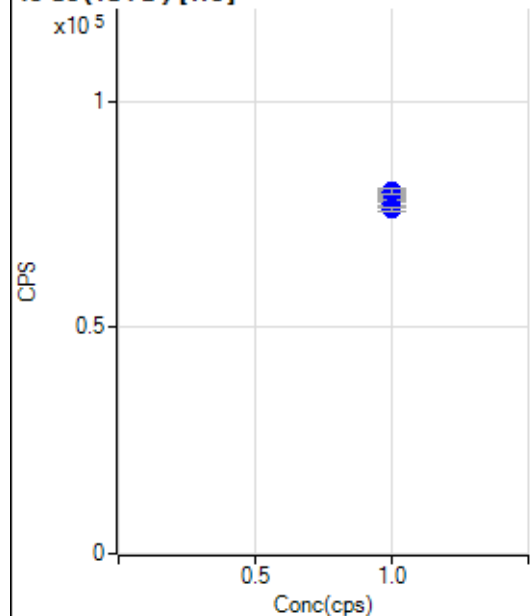
6 Li (ISTD) [No Gas]



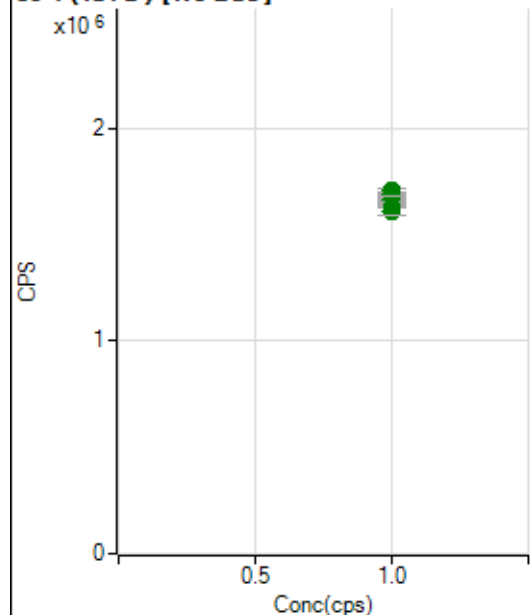
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		306941.06		P	0.5
2	☐	1.000					
3	☐	1.000		300117.96		P	1.0
4	☐	1.000		292482.45		P	1.2
5	☐	1.000		284910.00		P	0.8
6	☐	1.000		283356.92		P	0.6
7	☐	1.000		277312.64		P	0.7
8	☐	1.000		268298.56		P	0.8
9	☐	1.000		262183.54		P	1.1
10	☐	1.000					

45 Sc (ISTD) [No Gas]

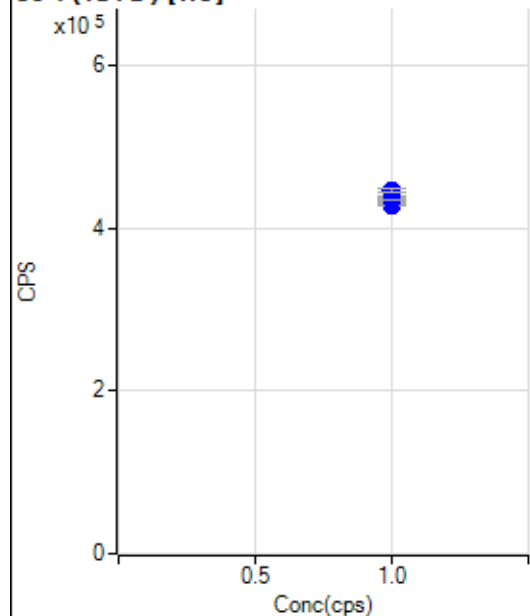
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1126862.73		P	1.6
2	☐	1.000					
3	☐	1.000		1143431.47		P	1.1
4	☐	1.000		1149958.56		P	0.6
5	☐	1.000		1129401.34		P	0.7
6	☐	1.000		1146426.28		P	1.3
7	☐	1.000		1120873.73		P	1.1
8	☐	1.000		1110883.75		P	0.6
9	☐	1.000		1142061.38		P	1.3
10	☐	1.000					

45 Sc (ISTD) [He]

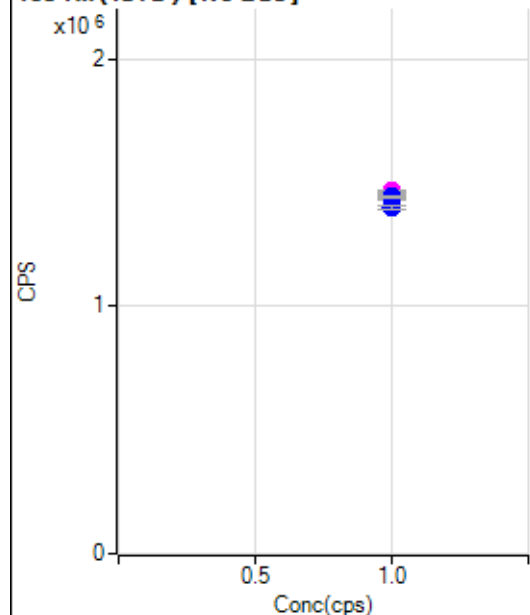
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		79288.47		P	1.2
2	☐	1.000					
3	☐	1.000		79369.95		P	0.8
4	☐	1.000		80192.40		P	0.7
5	☐	1.000		77380.22		P	0.7
6	☐	1.000		78242.78		P	0.3
7	☐	1.000		76208.24		P	1.4
8	☐	1.000		76232.59		P	1.0
9	☐	1.000		80120.79		P	1.6
10	☐	1.000					

89 Y (ISTD) [No Gas]

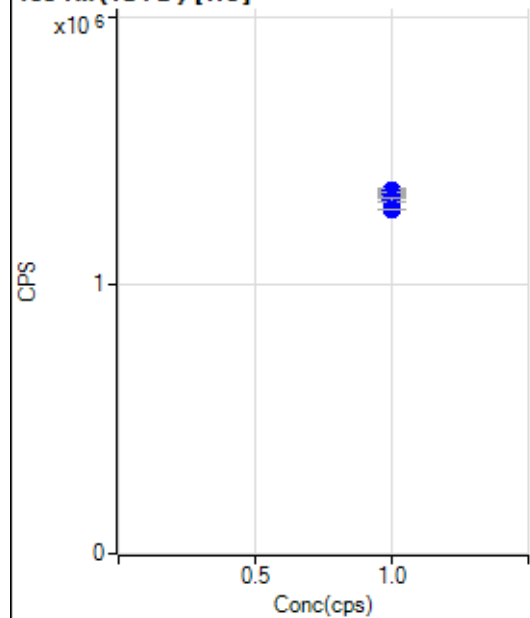
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1612638.40		A	2.2
2	☐	1.000					
3	☐	1.000		1639155.83		A	0.8
4	☐	1.000		1654506.45		A	1.2
5	☐	1.000		1664230.67		A	1.6
6	☐	1.000		1705853.88		A	1.4
7	☐	1.000		1686779.61		A	1.5
8	☐	1.000		1698692.06		A	0.1
9	☐	1.000		1684755.81		A	0.1
10	☐	1.000					

89 Y (ISTD) [He]

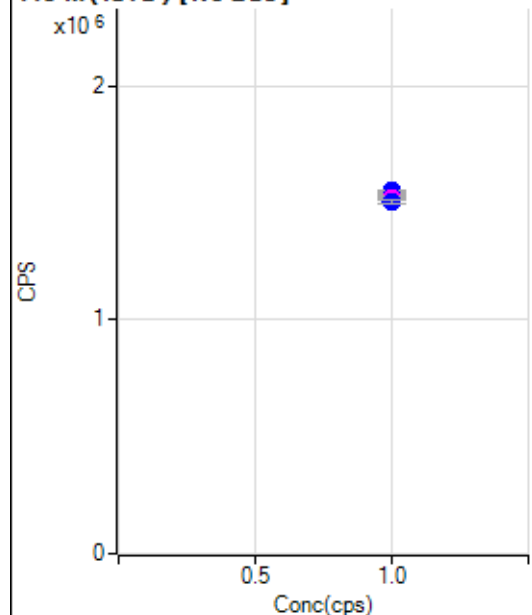
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		430153.26		P	0.2
2	☐	1.000					
3	☐	1.000		431695.31		P	0.4
4	☐	1.000		436505.38		P	0.8
5	☐	1.000		429343.17		P	0.4
6	☐	1.000		439056.01		P	0.5
7	☐	1.000		436300.14		P	1.6
8	☐	1.000		435560.28		P	0.4
9	☐	1.000		446357.73		P	1.1
10	☐	1.000					

103 Rh (ISTD) [No Gas]

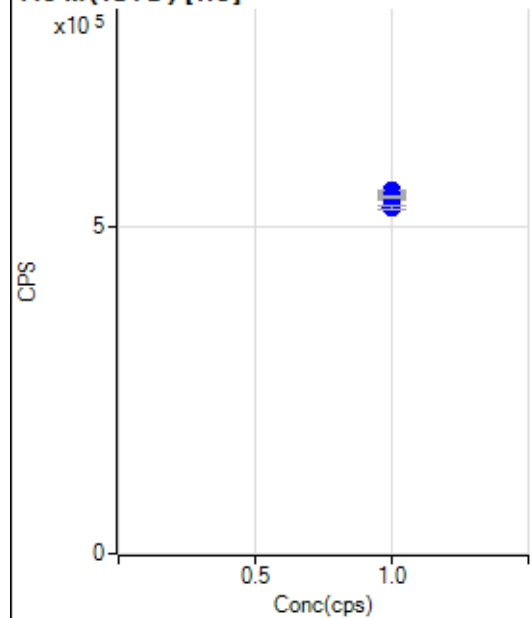
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1463998.15		P	1.0
2	☐	1.000					
3	☐	1.000		1447521.30		P	2.7
4	☐	1.000		1459594.14		M	0.7
5	☐	1.000		1450148.55		P	0.3
6	☐	1.000		1467501.02		M	0.8
7	☐	1.000		1449062.86		P	0.7
8	☐	1.000		1441161.83		P	0.6
9	☐	1.000		1399105.86		P	1.0
10	☐	1.000					

103 Rh (ISTD) [He]

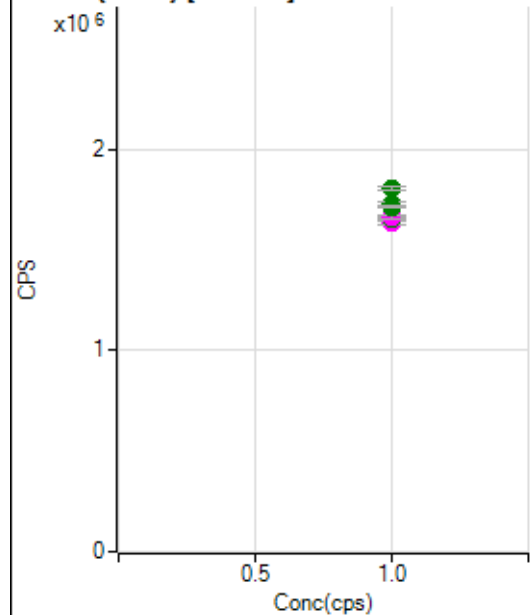
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1346522.64		P	0.5
2	☐	1.000					
3	☐	1.000		1351057.37		P	0.6
4	☐	1.000		1345249.65		P	1.1
5	☐	1.000		1327654.79		P	0.5
6	☐	1.000		1352247.36		P	0.9
7	☐	1.000		1338997.18		P	1.3
8	☐	1.000		1318497.64		P	0.9
9	☐	1.000		1282513.34		P	0.5
10	☐	1.000					

115 In (ISTD) [No Gas]

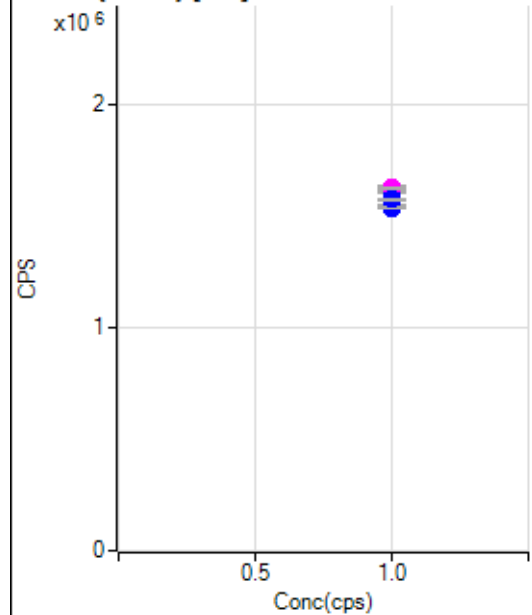
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1506535.75		P	1.7
2	☐	1.000					
3	☐	1.000		1520196.11		P	1.0
4	☐	1.000		1528961.19		P	0.5
5	☐	1.000		1512071.75		P	0.4
6	☐	1.000		1550548.53		P	0.5
7	☐	1.000		1531051.34		P	0.4
8	☐	1.000		1524067.37		M	0.8
9	☐	1.000		1506051.50		P	0.9
10	☐	1.000					

115 In (ISTD) [He]

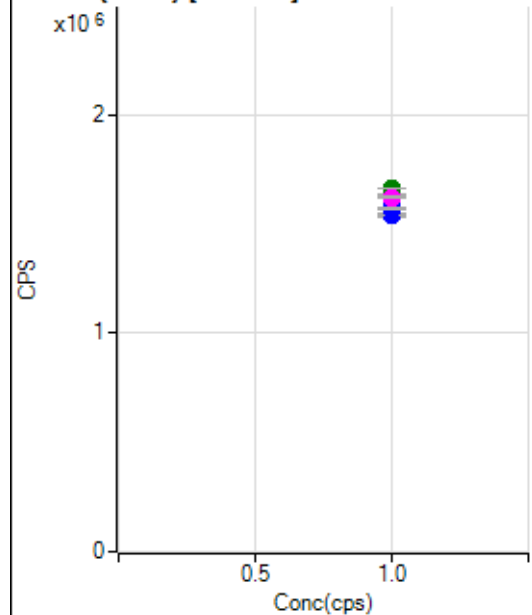
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		543892.21		P	0.2
2	☐	1.000					
3	☐	1.000		545511.56		P	0.9
4	☐	1.000		551311.50		P	0.4
5	☐	1.000		541904.48		P	0.8
6	☐	1.000		553615.99		P	0.5
7	☐	1.000		544924.91		P	0.9
8	☐	1.000		529066.97		P	0.9
9	☐	1.000		545587.60		P	0.6
10	☐	1.000					

159 Tb (ISTD) [No Gas]

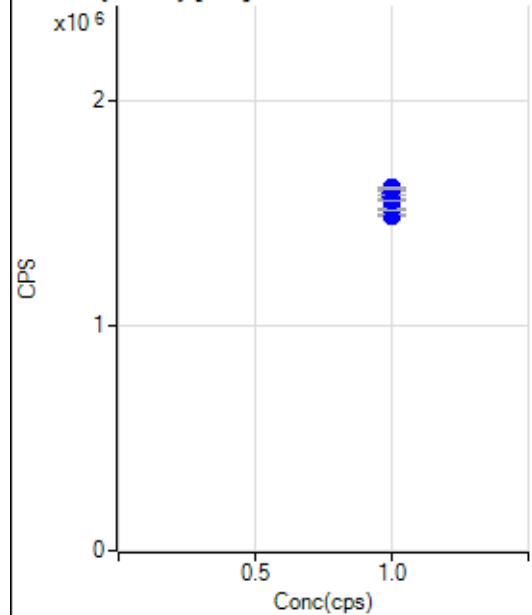
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1635286.35		M	1.5
2	☐	1.000					
3	☐	1.000		1656766.15		A	0.7
4	☐	1.000		1661561.26		M	0.7
5	☐	1.000		1665909.25		M	1.0
6	☐	1.000		1728207.08		A	1.3
7	☐	1.000		1729682.32		A	0.7
8	☐	1.000		1803330.93		A	1.2
9	☐	1.000		1715400.84		A	0.4
10	☐	1.000					

159 Tb (ISTD) [He]

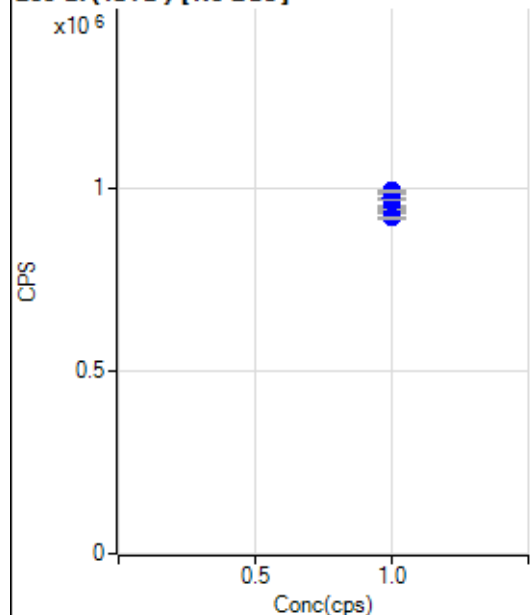
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1536054.21		P	0.1
2	☐	1.000					
3	☐	1.000		1542037.04		P	0.5
4	☐	1.000		1551343.59		P	0.6
5	☐	1.000		1542761.49		P	0.6
6	☐	1.000		1604527.16		P	0.4
7	☐	1.000		1627135.93		P	1.2
8	☐	1.000		1628938.57		M	0.7
9	☐	1.000		1576805.50		P	0.8
10	☐	1.000					

165 Ho (ISTD) [No Gas]

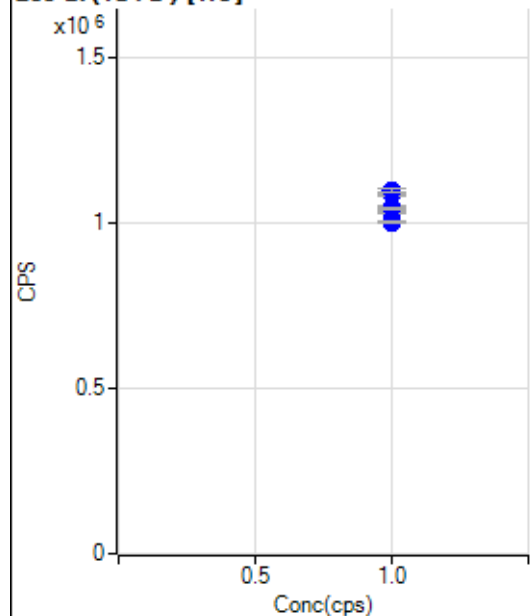
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1543180.56		P	1.4
2	☐	1.000					
3	☐	1.000		1549054.52		P	0.5
4	☐	1.000		1570726.31		P	0.4
5	☐	1.000		1572546.83		P	0.5
6	☐	1.000		1624064.79		P	1.0
7	☐	1.000		1630969.87		M	0.4
8	☐	1.000		1661446.06		A	0.1
9	☐	1.000		1624473.61		M	1.0
10	☐	1.000					

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1487937.95		P	0.2
2	☐	1.000					
3	☐	1.000		1500042.67		P	0.1
4	☐	1.000		1520417.95		P	0.1
5	☐	1.000		1521422.91		P	0.6
6	☐	1.000		1573718.41		P	0.7
7	☐	1.000		1591417.05		P	0.9
8	☐	1.000		1614589.14		P	0.6
9	☐	1.000		1555380.08		P	0.2
10	☐	1.000					

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		931331.57		P	0.9
2	☐	1.000					
3	☐	1.000		937988.07		P	0.7
4	☐	1.000		947783.58		P	0.6
5	☐	1.000		939422.17		P	0.4
6	☐	1.000		967252.78		P	0.5
7	☐	1.000		973889.46		P	1.2
8	☐	1.000		990745.98		P	0.5
9	☐	1.000		917455.76		P	0.6
10	☐	1.000					

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1028183.04		P	0.2
2	☐	1.000					
3	☐	1.000		1032078.88		P	0.5
4	☐	1.000		1047505.31		P	0.6
5	☐	1.000		1044227.14		P	0.5
6	☐	1.000		1084432.40		P	0.9
7	☐	1.000		1095202.50		P	1.2
8	☐	1.000		1095851.98		P	1.0
9	☐	1.000		1001657.17		P	0.6
10	☐	1.000					

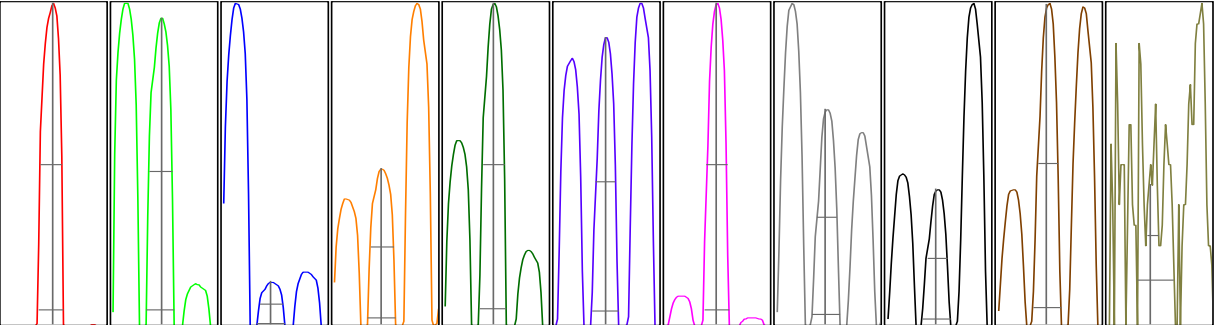
US EPA Tune Check Sample Report

Batch Folder D:\P8061419-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	2519	3.60	5.00	
24	22649	4.43	5.00	
25	3089	4.56	5.00	
26	3854	3.98	5.00	
59	17949	4.62	5.00	
113	2347	1.88	5.00	
115	27807	1.32	5.00	
206	4888	3.35	5.00	
207	4408	3.17	5.00	
208	10414	3.36	5.00	
220	0	63.02		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	2374	2494	2548	2577	2602
24	21057	22383	22850	23447	23509
25	2856	3065	3137	3173	3212
26	3613	3815	3879	3959	4006
59	16621	17700	18235	18519	18671
113	2281	2349	2348	2353	2406
115	27385	27956	27687	27651	28357
206	4643	4818	4940	4974	5067
207	4195	4342	4469	4493	4540
208	9842	10358	10630	10502	10737
220	0	0	0	1	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	4297	9.00	8.9 - 9.1		0.737	0.900	
24	36413	23.95	23.9 - 24.1		0.787	0.900	
25	4970	24.90	24.9 - 25.1		0.787	0.900	
26	6139	25.90	25.9 - 26.1		0.787	0.900	
59	30304	58.95	58.9 - 59.1		0.779	0.900	
113	4290	113.00	112.9 - 113.1		0.768	0.900	
115	51337	115.00	114.9 - 115.1		0.732	0.900	
206	8724	205.95	205.9 - 206.1		0.788	0.900	
207	7803	206.95	206.9 - 207.1		0.816	0.900	
208	18501	207.95	207.9 - 208.1		0.810	0.900	
220	0	219.75	-		1.023		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 256.8 Y Axis = Linear

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.6	V	Deflect	14.0	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-50	V
Omega Bias	-120	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	4.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	9273	0.34	
89	8618	0.31	
205	8491	0.96	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	9252	9252	9265	9328	9266
89	8629	8628	8579	8649	8606
205	8441	8622	8466	8514	8414

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.6	V	Deflect	3.8	V
Extract 2	-240.0	V	Cell Entrance	-50	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-70	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	4.5	mL/min	OctP RF	200	V			

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:42:18	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.23	0.47	-0.24	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.08	0.04	0.03	0.00	N/A	ppb
Barium	135-1	-0.01	0.04	-0.03	0.00	N/A	ppb
Barium	137-1	0.00	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.14	0.14	0.00	0.00	N/A	ppb
Boron	11-1	0.00	0.00	0.01	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.03	0.04	0.00	N/A	ppb
Cadmium	106-1	-0.10	-0.45	0.55	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	15.53	-36.02	20.50	0.00	N/A	ppb
Calcium	44-1	0.77	-4.62	3.85	0.00	N/A	ppb
Chromium	52-2	0.04	0.00	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.05	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	-0.05	-0.08	0.13	0.00	N/A	ppb
Iron	57-2	1.52	-0.37	-1.16	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.04	0.00	0.04	0.00	N/A	ppb
Lead	207-1	-0.02	0.01	0.01	0.00	N/A	ppb
Lead	208-1	-0.02	0.00	0.02	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.71	0.54	0.17	0.00	N/A	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:42:18	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.02	0.00	-0.02	0.00	N/A	ppb
Molybdenum	96-1	0.03	-0.04	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.03	-0.01	0.04	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-21.77	-46.84	-25.68	-31.43		ppb
Potassium	39-2	-5.87	-2.50	8.38	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.63	-0.32	-0.32	0.00	N/A	ppb
Selenium	78-2	0.56	-0.53	-0.03	0.00	N/A	ppb
Selenium	82-1	-0.76	0.87	-0.10	0.00	N/A	ppb
Silicon	28-1	-17.45	-32.07	-25.23	-24.92		ppb
Silver	109-1	0.00	0.00	0.01	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.01	0.00	N/A	ppb
Sodium	23-2	-2.00	0.00	2.00	0.00	N/A	ppb
Strontium	86-1	-0.03	0.11	-0.08	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	667.19	144.36	850.05	553.87	66.12	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Thallium	205-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Tin	118-1	0.02	0.01	-0.02	0.00	N/A	ppb
Titanium	47-1	0.06	0.30	-0.36	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.18	-0.12	-0.06	0.00	N/A	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:42:18	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.04	0.03	0.01	0.00	N/A	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:50:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.83	19.69	20.05	19.86	0.90	ppb
Antimony	121-1	1.79	1.69	1.75	1.74	2.98	ppb
Arsenic	75-1	1.08	1.05	1.05	1.06	2.04	ppb
Barium	135-1	8.76	8.86	8.98	8.87	1.24	ppb
Barium	137-1	9.67	9.68	8.63	9.32	6.47	ppb
Beryllium	9-1	0.94	0.84	0.85	0.88	6.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	21.40	20.61	22.31	21.44	3.97	ppb
Boron	11-1	21.58	21.63	22.57	21.93	2.55	ppb
Cadmium	111-1	0.77	0.80	1.18	0.92	25.00	ppb
Cadmium	106-1	0.17	-0.20	2.82	0.93	177.02	ppb
Cadmium	108-1	1.09	1.43	1.16	1.23	14.73	ppb
Calcium	43-1	483.89	491.32	514.76	496.66	3.25	ppb
Calcium	44-1	498.50	484.60	481.04	488.05	1.89	ppb
Chromium	52-2	1.84	1.76	1.79	1.79	2.13	ppb
Cobalt	59-2	0.89	0.91	0.86	0.89	2.69	ppb
Copper	63-2	1.87	1.69	1.66	1.74	6.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	51.32	51.58	51.24	51.38	0.35	ppb
Iron	57-2	47.48	46.98	52.84	49.10	6.62	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.86	0.80	0.87	8.13	ppb
Lead	207-1	0.90	0.80	0.84	0.85	5.92	ppb
Lead	208-1	0.87	0.87	0.83	0.86	2.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	521.65	526.61	519.57	522.61	0.69	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:50:21	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.85	1.05	1.09	1.00	13.17	ppb
Molybdenum	94-1	4.79	5.09	4.55	4.81	5.59	ppb
Molybdenum	95-1	4.59	4.55	4.73	4.62	2.09	ppb
Molybdenum	96-1	4.90	4.88	4.70	4.82	2.21	ppb
Molybdenum	97-1	4.63	4.84	4.19	4.55	7.26	ppb
Molybdenum	98-1	0.92	1.00	0.95	0.96	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.87	0.85	0.90	8.84	ppb
Phosphorus	31-2	43.66	12.45	38.17	31.43	53.02	ppb
Potassium	39-2	483.24	465.39	465.35	471.33	2.19	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	4.43	4.44	0.63	3.17	69.47	ppb
Selenium	78-2	4.29	5.06	4.84	4.73	8.35	ppb
Selenium	82-1	3.19	5.38	5.90	4.82	29.88	ppb
Silicon	28-1	27.66	-22.60	11.41	5.49	467.11	ppb
Silver	109-1	0.85	0.89	0.92	0.89	3.87	ppb
Silver	107-1	0.82	0.94	0.92	0.90	7.08	ppb
Sodium	23-2	469.03	468.75	467.39	468.39	0.19	ppb
Strontium	86-1	1.14	0.80	0.91	0.95	18.25	ppb
Strontium	88-1	0.86	0.94	0.89	0.90	4.64	ppb
Sulfur	34-1	28.47	181.27	628.43	279.39	111.59	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	1.00	0.85	0.90	0.92	8.07	ppb
Thallium	205-1	0.81	0.86	0.89	0.85	5.08	ppb
Tin	118-1	4.77	4.80	4.87	4.81	1.05	ppb
Titanium	47-1	4.32	4.52	4.98	4.61	7.38	ppb
Uranium	238-1	0.85	0.84	0.91	0.87	4.35	ppb
Vanadium	51-2	4.68	4.68	4.64	4.67	0.49	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1.80	1.71	1.88	1.80	4.57	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:50:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.80	0.97	0.89	9.73	ppb
Zirconium	91-1	0.80	0.72	0.89	0.80	10.62	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:54:31	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	963.12	985.72	969.80	972.88	1.19	ppb
Antimony	121-1	49.22	48.52	49.04	48.93	0.74	ppb
Arsenic	75-1	45.38	46.83	47.39	46.53	2.22	ppb
Barium	135-1	241.28	241.38	239.38	240.68	0.47	ppb
Barium	137-1	245.96	243.96	239.46	243.13	1.37	ppb
Beryllium	9-1	46.73	46.19	46.54	46.49	0.59	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	46.03	44.84	44.40	45.09	1.88	ppb
Boron	11-1	45.92	46.12	44.98	45.67	1.33	ppb
Cadmium	111-1	47.73	46.74	48.47	47.64	1.82	ppb
Cadmium	106-1	48.82	47.23	48.46	48.17	1.73	ppb
Cadmium	108-1	47.96	47.19	46.65	47.27	1.39	ppb
Calcium	43-1	5076.85	4902.99	4956.94	4978.93	1.79	ppb
Calcium	44-1	5100.85	5039.76	5065.42	5068.68	0.61	ppb
Chromium	52-2	45.73	46.14	46.41	46.09	0.75	ppb
Cobalt	59-2	46.65	46.32	46.25	46.41	0.46	ppb
Copper	63-2	88.31	88.11	88.15	88.19	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2549.31	2557.95	2531.37	2546.21	0.53	ppb
Iron	57-2	2539.58	2524.05	2487.23	2516.95	1.07	ppb
Krypton	83-1						cps
Lead	206-1	46.35	45.93	46.31	46.20	0.50	ppb
Lead	207-1	46.70	46.08	45.09	45.96	1.77	ppb
Lead	208-1	46.05	45.90	45.27	45.74	0.90	ppb
Lithium	6-1				95		%
Magnesium	24-2	5255.67	5254.87	5143.44	5217.99	1.24	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:54:31	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	93.20	93.21	92.57	92.99	0.40	ppb
Molybdenum	94-1	233.15	233.25	237.80	234.73	1.13	ppb
Molybdenum	95-1	233.65	234.84	240.16	236.22	1.47	ppb
Molybdenum	96-1	229.31	232.47	238.48	233.42	1.99	ppb
Molybdenum	97-1	231.66	239.81	242.17	237.88	2.32	ppb
Molybdenum	98-1	46.52	47.33	48.16	47.34	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.39	46.67	47.78	47.61	1.83	ppb
Phosphorus	31-2	1016.76	905.85	951.44	958.02	5.82	ppb
Potassium	39-2	2566.80	2531.76	2505.20	2534.59	1.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	55.51	46.42	40.67	47.54	15.75	ppb
Selenium	78-2	47.52	45.83	49.40	47.59	3.75	ppb
Selenium	82-1	48.30	49.59	49.71	49.20	1.59	ppb
Silicon	28-1	62.00	57.63	26.44	48.69	39.83	ppb
Silver	109-1	49.52	47.85	49.00	48.79	1.75	ppb
Silver	107-1	48.92	48.45	48.80	48.73	0.50	ppb
Sodium	23-2	4910.33	4911.85	4848.24	4890.14	0.74	ppb
Strontium	86-1	47.17	47.14	47.28	47.20	0.16	ppb
Strontium	88-1	47.36	47.40	48.96	47.91	1.90	ppb
Sulfur	34-1	1298.50	1490.26	1102.21	1296.99	14.96	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	46.54	45.88	45.16	45.86	1.51	ppb
Thallium	205-1	45.43	46.48	45.23	45.71	1.47	ppb
Tin	118-1	50.04	48.90	49.42	49.45	1.15	ppb
Titanium	47-1	227.17	233.32	233.48	231.32	1.55	ppb
Uranium	238-1	43.50	44.09	43.06	43.55	1.18	ppb
Vanadium	51-2	45.95	46.13	45.06	45.71	1.26	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	89.68	85.30	85.06	86.68	3.00	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:54:31	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	47.44	45.85	47.41	46.90	1.94	ppb
Zirconium	91-1	45.90	45.42	45.60	45.64	0.53	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:58:40	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2606.56	2631.81	2627.32	2621.90	0.51	ppb
Antimony	121-1	133.58	131.17	130.21	131.65	1.32	ppb
Arsenic	75-1	123.55	122.41	128.57	124.84	2.62	ppb
Barium	135-1	658.56	651.04	636.41	648.67	1.74	ppb
Barium	137-1	654.62	649.42	642.53	648.86	0.93	ppb
Beryllium	9-1	127.60	124.09	128.06	126.58	1.72	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	120.97	122.47	121.68	121.70	0.62	ppb
Boron	11-1	123.04	125.36	125.30	124.57	1.06	ppb
Cadmium	111-1	129.24	129.27	125.62	128.04	1.64	ppb
Cadmium	106-1	136.41	135.48	132.40	134.76	1.56	ppb
Cadmium	108-1	122.84	123.53	125.48	123.95	1.10	ppb
Calcium	43-1	13549.42	13844.02	13584.35	13659.26	1.18	ppb
Calcium	44-1	13614.99	13758.27	13444.53	13605.93	1.15	ppb
Chromium	52-2	128.01	127.06	125.94	127.00	0.82	ppb
Cobalt	59-2	127.62	126.36	125.24	126.40	0.94	ppb
Copper	63-2	243.04	242.37	239.87	241.76	0.69	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				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	6894.86	6860.93	6778.57	6844.79	0.87	ppb
Iron	57-2	6976.29	6859.84	6730.57	6855.57	1.79	ppb
Krypton	83-1						cps
Lead	206-1	125.94	126.96	127.20	126.70	0.53	ppb
Lead	207-1	127.63	127.04	124.59	126.42	1.27	ppb
Lead	208-1	124.31	124.80	124.24	124.45	0.24	ppb
Lithium	6-1				93		%
Magnesium	24-2	14105.95	13980.90	13980.14	14022.33	0.52	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:58:40	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	254.88	253.46	250.85	253.06	0.81	ppb
Molybdenum	94-1	633.91	624.83	650.16	636.30	2.02	ppb
Molybdenum	95-1	626.78	621.46	644.02	630.75	1.87	ppb
Molybdenum	96-1	624.18	619.55	640.74	628.16	1.77	ppb
Molybdenum	97-1	626.44	629.53	650.41	635.46	2.05	ppb
Molybdenum	98-1	127.29	127.19	129.23	127.91	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.48	129.73	127.36	129.19	1.26	ppb
Phosphorus	31-2	2597.61	2593.17	2651.71	2614.16	1.25	ppb
Potassium	39-2	6930.67	6832.51	6827.61	6863.59	0.85	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	114.84	126.07	129.86	123.59	6.32	ppb
Selenium	78-2	133.70	124.61	134.25	130.85	4.14	ppb
Selenium	82-1	123.08	121.43	127.50	124.00	2.53	ppb
Silicon	28-1	171.34	171.85	152.85	165.35	6.55	ppb
Silver	109-1	134.53	132.25	130.39	132.39	1.57	ppb
Silver	107-1	131.41	130.56	129.61	130.53	0.69	ppb
Sodium	23-2	13489.46	12992.46	13151.88	13211.27	1.92	ppb
Strontium	86-1	123.13	122.95	127.43	124.50	2.04	ppb
Strontium	88-1	126.92	126.74	131.38	128.35	2.05	ppb
Sulfur	34-1	3586.64	3639.45	3081.97	3436.02	8.96	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	124.61	124.78	128.25	125.88	1.63	ppb
Thallium	205-1	124.93	125.67	126.90	125.84	0.79	ppb
Tin	118-1	132.76	132.47	130.75	132.00	0.82	ppb
Titanium	47-1	631.25	631.54	628.58	630.46	0.26	ppb
Uranium	238-1	121.23	120.68	121.53	121.15	0.35	ppb
Vanadium	51-2	126.78	125.81	125.07	125.88	0.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	237.50	237.41	233.16	236.02	1.05	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:58:40	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	123.75	125.69	128.55	126.00	1.92	ppb
Zirconium	91-1	123.55	122.60	123.70	123.28	0.48	ppb

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:02:48 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4761.45	4812.54	4734.10	4769.36	0.83	ppb
Antimony	121-1	233.74	239.99	235.92	236.55	1.34	ppb
Arsenic	75-1	228.91	233.83	230.41	231.05	1.09	ppb
Barium	135-1	1164.31	1207.69	1170.74	1180.91	1.98	ppb
Barium	137-1	1168.75	1213.13	1180.40	1187.43	1.94	ppb
Beryllium	9-1	230.66	229.83	230.04	230.17	0.19	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	228.25	230.57	231.14	229.99	0.67	ppb
Boron	11-1	227.11	232.01	231.72	230.28	1.19	ppb
Cadmium	111-1	228.58	236.33	235.08	233.33	1.78	ppb
Cadmium	106-1	232.66	230.02	238.48	233.72	1.85	ppb
Cadmium	108-1	223.81	230.60	224.98	226.46	1.60	ppb
Calcium	43-1	24844.45	24927.79	25362.93	25045.06	1.11	ppb
Calcium	44-1	24703.45	24632.27	24605.55	24647.09	0.21	ppb
Chromium	52-2	230.17	230.09	229.12	229.79	0.25	ppb
Cobalt	59-2	232.10	231.15	231.14	231.46	0.24	ppb
Copper	63-2	442.47	444.90	435.50	440.96	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				105		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	12249.48	12527.37	12351.10	12375.98	1.14	ppb
Iron	57-2	12543.37	12645.07	12498.38	12562.27	0.60	ppb
Krypton	83-1						cps
Lead	206-1	232.52	229.83	230.60	230.98	0.60	ppb
Lead	207-1	232.85	230.77	231.53	231.72	0.45	ppb
Lead	208-1	228.84	228.07	226.30	227.74	0.57	ppb
Lithium	6-1				92		%
Magnesium	24-2	25790.46	25716.25	25627.32	25711.34	0.32	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:02:48	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	458.34	462.31	456.39	459.01	0.66	ppb
Molybdenum	94-1	1148.80	1187.65	1180.60	1172.35	1.77	ppb
Molybdenum	95-1	1138.81	1182.58	1171.46	1164.28	1.95	ppb
Molybdenum	96-1	1144.24	1177.86	1172.10	1164.73	1.54	ppb
Molybdenum	97-1	1154.66	1185.11	1180.58	1173.45	1.40	ppb
Molybdenum	98-1	227.10	236.07	232.51	231.90	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	237.24	237.41	236.86	237.17	0.12	ppb
Phosphorus	31-2	4517.69	4619.51	4561.79	4566.33	1.12	ppb
Potassium	39-2	12456.64	12445.36	12354.29	12418.76	0.45	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	229.20	242.28	234.05	235.18	2.81	ppb
Selenium	78-2	234.27	239.15	237.96	237.13	1.07	ppb
Selenium	82-1	227.13	232.00	232.13	230.42	1.24	ppb
Silicon	28-1	200.66	217.10	282.92	233.56	18.64	ppb
Silver	109-1	236.35	238.28	239.05	237.89	0.59	ppb
Silver	107-1	229.50	238.73	236.27	234.83	2.03	ppb
Sodium	23-2	23833.37	23635.02	23555.01	23674.47	0.61	ppb
Strontium	86-1	228.23	232.86	229.80	230.30	1.02	ppb
Strontium	88-1	227.96	233.75	235.04	232.25	1.62	ppb
Sulfur	34-1	3569.53	3788.39	3798.98	3718.97	3.48	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	230.36	230.36	230.18	230.30	0.04	ppb
Thallium	205-1	231.48	231.85	229.31	230.88	0.60	ppb
Tin	118-1	237.30	244.37	240.00	240.55	1.48	ppb
Titanium	47-1	1160.85	1166.81	1154.71	1160.79	0.52	ppb
Uranium	238-1	223.82	224.99	224.46	224.42	0.26	ppb
Vanadium	51-2	232.34	230.42	227.66	230.14	1.02	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	433.70	430.12	428.82	430.88	0.59	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:02:48	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	229.18	233.62	230.92	231.24	0.97	ppb
Zirconium	91-1	225.31	227.72	228.66	227.23	0.76	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:06:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9748.65	9685.19	9781.91	9738.59	0.50	ppb
Antimony	121-1	488.94	496.08	487.17	490.73	0.96	ppb
Arsenic	75-1	473.20	474.39	481.19	476.26	0.91	ppb
Barium	135-1	2404.77	2462.92	2422.56	2430.08	1.23	ppb
Barium	137-1	2408.09	2460.26	2418.36	2428.90	1.14	ppb
Beryllium	9-1	468.39	472.74	467.47	469.53	0.60	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	457.42	461.01	479.30	465.91	2.52	ppb
Boron	11-1	465.32	476.03	473.64	471.66	1.19	ppb
Cadmium	111-1	466.92	478.04	468.29	471.08	1.29	ppb
Cadmium	106-1	481.15	470.69	466.62	472.82	1.58	ppb
Cadmium	108-1	485.62	474.87	470.02	476.84	1.67	ppb
Calcium	43-1	49871.27	51557.21	51726.46	51051.65	2.01	ppb
Calcium	44-1	49409.61	50452.04	50539.24	50133.63	1.25	ppb
Chromium	52-2	477.84	474.42	483.56	478.60	0.97	ppb
Cobalt	59-2	479.25	475.72	480.14	478.37	0.49	ppb
Copper	63-2	930.08	923.30	907.11	920.16	1.28	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				106		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	25815.88	25491.12	26292.28	25866.43	1.56	ppb
Iron	57-2	26153.20	25868.59	26229.71	26083.83	0.73	ppb
Krypton	83-1						cps
Lead	206-1	475.81	476.06	477.03	476.30	0.14	ppb
Lead	207-1	476.38	476.86	473.37	475.54	0.40	ppb
Lead	208-1	471.80	470.14	467.72	469.89	0.44	ppb
Lithium	6-1				90		%
Magnesium	24-2	51506.46	51100.91	51635.60	51414.32	0.54	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:06:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	958.46	958.67	966.42	961.18	0.47	ppb
Molybdenum	94-1	2375.84	2356.51	2399.20	2377.18	0.90	ppb
Molybdenum	95-1	2333.29	2367.93	2418.34	2373.19	1.80	ppb
Molybdenum	96-1	2357.86	2366.72	2384.08	2369.55	0.56	ppb
Molybdenum	97-1	2340.67	2422.64	2386.96	2383.43	1.72	ppb
Molybdenum	98-1	472.68	478.77	487.05	479.50	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.86	480.97	484.59	484.47	0.71	ppb
Phosphorus	31-2	9528.33	9490.62	9419.19	9479.38	0.58	ppb
Potassium	39-2	25857.53	25449.19	25904.78	25737.17	0.97	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	517.25	471.85	469.31	486.13	5.55	ppb
Selenium	78-2	469.90	474.92	480.11	474.98	1.07	ppb
Selenium	82-1	472.81	474.44	479.66	475.64	0.75	ppb
Silicon	28-1	467.08	529.02	549.77	515.29	8.35	ppb
Silver	109-1	484.44	486.37	484.83	485.21	0.21	ppb
Silver	107-1	478.90	482.27	473.45	478.21	0.93	ppb
Sodium	23-2	48086.04	47787.88	48329.07	48067.67	0.56	ppb
Strontium	86-1	474.38	475.32	484.54	478.08	1.17	ppb
Strontium	88-1	478.93	481.79	488.56	483.09	1.02	ppb
Sulfur	34-1	7395.81	8551.11	8211.19	8052.70	7.37	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	479.44	472.77	477.11	476.44	0.71	ppb
Thallium	205-1	478.08	477.81	478.00	477.97	0.03	ppb
Tin	118-1	494.69	493.21	494.35	494.09	0.16	ppb
Titanium	47-1	2362.22	2394.52	2385.23	2380.66	0.70	ppb
Uranium	238-1	463.27	474.24	468.45	468.65	1.17	ppb
Vanadium	51-2	478.94	473.27	480.38	477.53	0.79	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	909.09	898.00	901.95	903.01	0.62	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:06:51	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	471.61	475.18	475.98	474.26	0.49	ppb
Zirconium	91-1	462.31	469.37	475.20	468.96	1.38	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:10:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20433.62	20097.51	20200.25	20243.79	0.85	ppb
Antimony	121-1	1001.24	1012.56	1007.87	1007.22	0.56	ppb
Arsenic	75-1	1013.47	1020.30	1016.62	1016.80	0.34	ppb
Barium	135-1	5048.63	5091.46	5009.14	5049.74	0.82	ppb
Barium	137-1	5023.60	5100.85	5021.22	5048.55	0.90	ppb
Beryllium	9-1	1012.61	1021.91	1025.99	1020.17	0.67	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	1003.44	1019.71	1045.24	1022.80	2.06	ppb
Boron	11-1	1015.44	1012.77	1030.13	1019.45	0.92	ppb
Cadmium	111-1	1011.17	1027.46	1016.46	1018.36	0.82	ppb
Cadmium	106-1	1018.43	1031.83	999.33	1016.53	1.61	ppb
Cadmium	108-1	1014.71	1029.04	1009.46	1017.73	1.00	ppb
Calcium	43-1	109547.73	110867.99	109547.57	109987.76	0.69	ppb
Calcium	44-1	107307.51	108356.23	107560.11	107741.29	0.51	ppb
Chromium	52-2	1021.43	1027.48	998.17	1015.70	1.52	ppb
Cobalt	59-2	1005.23	1025.74	1015.39	1015.45	1.01	ppb
Copper	63-2	2073.13	2051.77	2043.99	2056.30	0.73	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				109		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	54599.97	54584.52	53569.19	54251.23	1.09	ppb
Iron	57-2	55273.53	54916.96	54490.32	54893.61	0.71	ppb
Krypton	83-1						cps
Lead	206-1	1018.57	1009.87	1021.31	1016.58	0.59	ppb
Lead	207-1	1018.94	1013.86	1017.68	1016.83	0.26	ppb
Lead	208-1	1023.86	1019.38	1019.47	1020.90	0.25	ppb
Lithium	6-1				87		%
Magnesium	24-2	106636.88	104728.43	105617.65	105660.98	0.90	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:10:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2042.34	2027.79	2018.74	2029.62	0.59	ppb
Molybdenum	94-1	5062.07	5045.51	5132.97	5080.18	0.91	ppb
Molybdenum	95-1	5122.52	5038.84	5093.08	5084.82	0.83	ppb
Molybdenum	96-1	5084.82	5069.86	5106.27	5086.99	0.36	ppb
Molybdenum	97-1	5094.52	5019.32	5116.36	5076.73	1.00	ppb
Molybdenum	98-1	1008.17	1018.20	1017.26	1014.55	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1023.04	1004.89	1003.77	1010.57	1.07	ppb
Phosphorus	31-2	20510.42	20214.89	20344.36	20356.56	0.73	ppb
Potassium	39-2	53497.22	53387.44	53577.71	53487.46	0.18	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	1028.05	965.95	1038.85	1010.95	3.89	ppb
Selenium	78-2	1023.68	1011.14	1010.54	1015.12	0.73	ppb
Selenium	82-1	1025.94	1003.56	1022.22	1017.24	1.18	ppb
Silicon	28-1	986.00	998.35	990.24	991.53	0.63	ppb
Silver	109-1	1006.14	1012.20	1010.34	1009.56	0.31	ppb
Silver	107-1	1007.83	1018.00	1016.36	1014.06	0.54	ppb
Sodium	23-2	100070.00	99058.40	99840.71	99656.37	0.53	ppb
Strontium	86-1	1024.47	1011.63	1012.17	1016.09	0.71	ppb
Strontium	88-1	1002.28	1018.57	1016.88	1012.58	0.88	ppb
Sulfur	34-1	20888.82	21274.75	21322.59	21162.05	1.12	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	1016.56	1019.57	1014.27	1016.80	0.26	ppb
Thallium	205-1	1017.87	1021.59	1008.27	1015.91	0.68	ppb
Tin	118-1	995.12	1008.21	1010.09	1004.47	0.81	ppb
Titanium	47-1	5017.62	5135.11	5093.97	5082.24	1.17	ppb
Uranium	238-1	1027.66	1024.68	1016.28	1022.87	0.58	ppb
Vanadium	51-2	1021.61	1011.66	1015.64	1016.30	0.49	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	2089.79	2068.89	2045.88	2068.19	1.06	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:10:47	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1013.59	1004.67	1034.52	1017.59	1.51	ppb
Zirconium	91-1	1024.34	1006.20	1034.40	1021.65	1.40	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:14:38	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99450.33	100276.50	100231.58	99986.14	0.46	ppb
Antimony	121-1	1.12	1.05	1.22	1.13	7.34	ppb
Arsenic	75-1	2.18	1.93	1.46	1.86	19.53	ppb
Barium	135-1	0.59	0.63	0.81	0.68	17.43	ppb
Barium	137-1	0.65	0.69	0.74	0.69	6.15	ppb
Beryllium	9-1	0.36	0.26	0.26	0.30	19.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	45.44	42.91	39.74	42.70	6.69	ppb
Boron	11-1	41.64	42.56	37.86	40.69	6.13	ppb
Cadmium	111-1	-0.08	-0.03	0.11	0.00		ppb
Cadmium	106-1	-1.78	-0.85	-0.43	-1.02		ppb
Cadmium	108-1	0.43	0.26	0.35	0.35	25.24	ppb
Calcium	43-1	496606.35	499687.07	497305.37	497866.26	0.32	ppb
Calcium	44-1	499891.69	499518.38	495873.04	498427.70	0.45	ppb
Chromium	52-2	13.54	13.87	13.67	13.69	1.22	ppb
Cobalt	59-2	11.44	11.13	11.00	11.19	2.04	ppb
Copper	63-2	2.88	2.72	2.74	2.78	3.22	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				105		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	249566.05	250172.32	247423.57	249053.98	0.58	ppb
Iron	57-2	251472.51	248235.99	246974.92	248894.47	0.93	ppb
Krypton	83-1						cps
Lead	206-1	2.32	2.46	2.37	2.38	2.94	ppb
Lead	207-1	2.15	2.26	2.38	2.26	5.06	ppb
Lead	208-1	2.25	2.26	2.32	2.28	1.67	ppb
Lithium	6-1				85		%
Magnesium	24-2	498043.38	502586.24	495322.01	498650.54	0.74	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:14:38	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.67	7.56	7.26	7.50	2.82	ppb
Molybdenum	94-1	2.09	2.26	2.24	2.20	4.38	ppb
Molybdenum	95-1	2.56	2.70	2.77	2.68	3.95	ppb
Molybdenum	96-1	2.98	2.88	3.00	2.95	2.25	ppb
Molybdenum	97-1	2.42	3.04	2.40	2.62	13.89	ppb
Molybdenum	98-1	0.52	0.55	0.53	0.53	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.20	16.91	15.97	16.36	3.01	ppb
Phosphorus	31-2	8.67	-33.81	-0.68	-8.61		ppb
Potassium	39-2	248866.82	249053.28	249731.58	249217.23	0.18	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.61	0.61	-0.32	0.30	178.30	ppb
Selenium	78-2	0.40	0.24	1.41	0.68	92.35	ppb
Selenium	82-1	0.74	0.21	2.01	0.99	93.50	ppb
Silicon	28-1	-24.81	10.80	-14.13	-9.38		ppb
Silver	109-1	0.35	0.34	0.36	0.35	3.51	ppb
Silver	107-1	0.38	0.31	0.39	0.36	11.82	ppb
Sodium	23-2	499757.55	503393.25	497783.95	500311.58	0.57	ppb
Strontium	86-1	4.20	3.71	3.99	3.97	6.15	ppb
Strontium	88-1	4.29	4.19	4.19	4.22	1.33	ppb
Sulfur	34-1	-3714.88	-3708.87	-4038.00	-3820.58		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.21	0.22	0.18	0.20	10.63	ppb
Thallium	205-1	0.16	0.17	0.17	0.16	1.66	ppb
Tin	118-1	0.54	0.51	0.56	0.54	5.42	ppb
Titanium	47-1	0.98	0.53	0.41	0.64	47.59	ppb
Uranium	238-1	0.03	0.05	0.03	0.04	36.19	ppb
Vanadium	51-2	0.14	0.16	0.14	0.15	6.35	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	22.54	23.92	24.77	23.75	4.74	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:14:38	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.34	0.24	0.28	19.21	ppb
Zirconium	91-1	0.21	0.21	0.31	0.24	24.87	ppb

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:23:52 DataFile Name : 013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	468.35	464.97	448.10	460.47	2.36	ppb
Antimony	121-1	189.52	198.44	194.67	194.21	2.30	ppb
Arsenic	75-1	190.26	191.06	189.74	190.35	0.35	ppb
Barium	135-1	94.61	100.75	98.82	98.06	3.20	ppb
Barium	137-1	99.48	99.83	99.91	99.74	0.23	ppb
Beryllium	9-1	91.61	92.17	92.57	92.12	0.52	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	9.32	9.10	9.43	9.28	1.81	ppb
Boron	11-1	10.96	10.46	9.89	10.44	5.14	ppb
Cadmium	111-1	96.03	97.45	95.64	96.37	0.99	ppb
Cadmium	106-1	86.10	80.47	81.79	82.79	3.55	ppb
Cadmium	108-1	86.14	84.57	90.71	87.14	3.66	ppb
Calcium	43-1	2089.87	2100.48	2036.03	2075.46	1.66	ppb
Calcium	44-1	2117.29	2075.97	2098.93	2097.39	0.99	ppb
Chromium	52-2	92.02	93.80	93.34	93.05	0.99	ppb
Cobalt	59-2	94.04	97.24	95.06	95.45	1.71	ppb
Copper	63-2	91.31	93.45	93.08	92.62	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	1000.71	1024.86	1019.55	1015.04	1.25	ppb
Iron	57-2	990.64	1044.32	1018.97	1017.98	2.64	ppb
Krypton	83-1						cps
Lead	206-1	203.68	207.20	208.55	206.48	1.22	ppb
Lead	207-1	196.36	197.63	200.74	198.24	1.14	ppb
Lead	208-1	195.85	199.29	200.14	198.43	1.15	ppb
Lithium	6-1				90		%
Magnesium	24-2	1228.43	1238.82	1235.14	1234.13	0.43	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:23:52	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	93.68	95.34	94.06	94.36	0.92	ppb
Molybdenum	94-1	0.17	0.10	0.12	0.13	26.83	ppb
Molybdenum	95-1	0.08	0.14	0.10	0.11	26.45	ppb
Molybdenum	96-1	0.16	0.18	0.16	0.17	8.31	ppb
Molybdenum	97-1	0.11	0.07	0.15	0.11	36.45	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	7.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.65	99.18	96.77	97.53	1.46	ppb
Phosphorus	31-2	-38.44	-81.63	-24.18	-48.08		ppb
Potassium	39-2	1997.26	2053.47	2029.34	2026.69	1.39	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	202.25	183.77	181.03	189.02	6.11	ppb
Selenium	78-2	197.10	192.58	191.73	193.80	1.49	ppb
Selenium	82-1	186.94	188.90	191.11	188.99	1.10	ppb
Silicon	28-1	-33.06	12.03	2.79	-6.08		ppb
Silver	109-1	99.92	102.24	103.14	101.77	1.64	ppb
Silver	107-1	98.57	101.24	100.09	99.97	1.34	ppb
Sodium	23-2	1941.36	1970.51	1954.83	1955.57	0.75	ppb
Strontium	86-1	2.38	2.40	2.14	2.31	6.30	ppb
Strontium	88-1	2.11	2.23	2.24	2.19	3.15	ppb
Sulfur	34-1	-5188.53	-4451.48	-4680.79	-4773.60		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	192.00	195.84	192.39	193.41	1.09	ppb
Thallium	205-1	192.15	195.01	195.44	194.20	0.92	ppb
Tin	118-1	-0.01	-0.02	-0.05	-0.03		ppb
Titanium	47-1	-0.09	0.30	0.34	0.18	129.68	ppb
Uranium	238-1	-0.03	-0.02	-0.03	-0.03		ppb
Vanadium	51-2	91.56	92.19	92.68	92.14	0.61	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	179.14	186.54	182.68	182.79	2.03	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:23:52	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.00	0.01	116.83	ppb
Zirconium	91-1	0.11	0.01	0.05	0.05	92.62	ppb

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:27:41 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	-0.22	-0.64	-0.26		ppb
Antimony	121-1	0.02	0.04	0.02	0.03	47.05	ppb
Arsenic	75-1	-0.22	-0.47	-0.43	-0.37		ppb
Barium	135-1	-0.01	-0.03	-0.03	-0.02		ppb
Barium	137-1	-0.05	-0.04	-0.04	-0.05		ppb
Beryllium	9-1	0.00	0.02	0.05	0.02	96.15	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	6.92	6.59	7.48	7.00	6.38	ppb
Boron	11-1	7.12	7.12	7.09	7.11	0.25	ppb
Cadmium	111-1	0.00	-0.08	-0.20	-0.09		ppb
Cadmium	106-1	0.37	-0.64	-2.41	-0.89		ppb
Cadmium	108-1	0.00	0.09	0.00	0.03	173.21	ppb
Calcium	43-1	9.25	15.06	0.59	8.30	87.74	ppb
Calcium	44-1	1.28	-0.12	-7.07	-1.97		ppb
Chromium	52-2	0.01	0.03	0.09	0.05	85.38	ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.03		ppb
Copper	63-2	0.11	0.14	0.11	0.12	16.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	-0.38	-0.43	-0.45	-0.42		ppb
Iron	57-2	-2.17	-3.01	-0.82	-2.00		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.03	17.42	ppb
Lead	207-1	0.08	0.11	0.04	0.08	48.58	ppb
Lead	208-1	0.05	0.06	0.05	0.06	9.79	ppb
Lithium	6-1				88		%
Magnesium	24-2	-1.65	-1.64	-1.57	-1.62		ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:27:41	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.01	0.01	0.10	0.04	118.88	ppb
Molybdenum	95-1	-0.02	0.01	0.01	0.00	573.44	ppb
Molybdenum	96-1	-0.02	-0.03	0.00	-0.02		ppb
Molybdenum	97-1	-0.03	-0.06	-0.13	-0.07		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	63.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.07	-0.07	-0.06		ppb
Phosphorus	31-2	-50.31	-58.26	-33.87	-47.48		ppb
Potassium	39-2	-13.49	-3.28	-6.01	-7.59		ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	-0.32	1.53	-0.32	0.30	356.81	ppb
Selenium	78-2	-0.05	0.65	0.93	0.51	99.93	ppb
Selenium	82-1	0.92	0.13	-0.13	0.30	180.49	ppb
Silicon	28-1	17.14	5.51	-64.22	-13.85		ppb
Silver	109-1	0.11	0.07	0.11	0.10	23.11	ppb
Silver	107-1	0.08	0.07	0.06	0.07	9.94	ppb
Sodium	23-2	39.44	43.14	42.26	41.61	4.65	ppb
Strontium	86-1	-0.10	0.05	-0.10	-0.05		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-4671.39	-4009.10	-5095.64	-4592.04		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	-0.02	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.02		ppb
Tin	118-1	-0.06	-0.04	-0.05	-0.05		ppb
Titanium	47-1	-0.50	0.07	0.18	-0.08		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	-0.29	-0.23	-0.15	-0.23		ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:27:41	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	-0.01	0.01	0.01	214.92	ppb
Zirconium	91-1	-0.02	0.00	-0.01	-0.01		ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:31:31	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81860.78	83327.64	81856.23	82348.22	1.03	ppb
Antimony	121-1	1.08	1.24	1.07	1.13	8.39	ppb
Arsenic	75-1	0.82	0.99	0.89	0.90	9.17	ppb
Barium	135-1	1.23	1.33	1.55	1.37	12.06	ppb
Barium	137-1	1.35	1.61	1.23	1.40	14.04	ppb
Beryllium	9-1	0.30	0.21	0.26	0.26	17.95	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	6.36	6.17	6.72	6.42	4.39	ppb
Boron	11-1	6.56	6.88	6.13	6.53	5.76	ppb
Cadmium	111-1	0.17	0.25	0.38	0.27	39.44	ppb
Cadmium	106-1	-1.98	0.29	-0.20	-0.63		ppb
Cadmium	108-1	8.30	9.32	8.83	8.82	5.75	ppb
Calcium	43-1	99240.51	97392.90	97607.70	98080.37	1.03	ppb
Calcium	44-1	97780.81	96713.38	96103.61	96865.93	0.88	ppb
Chromium	52-2	17.92	18.35	17.79	18.02	1.62	ppb
Cobalt	59-2	0.97	1.01	1.08	1.02	5.48	ppb
Copper	63-2	6.96	7.17	7.21	7.11	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	95355.33	96178.57	95511.33	95681.74	0.46	ppb
Iron	57-2	100210.21	98752.77	98006.29	98989.76	1.13	ppb
Krypton	83-1						cps
Lead	206-1	4.34	4.33	4.57	4.41	3.01	ppb
Lead	207-1	3.47	3.57	3.61	3.55	1.94	ppb
Lead	208-1	3.80	3.80	3.86	3.82	0.88	ppb
Lithium	6-1				84		%
Magnesium	24-2	92978.78	93597.47	92343.40	92973.22	0.67	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:31:31	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.96	7.45	7.10	7.17	3.50	ppb
Molybdenum	94-1	1270.62	1257.60	1250.83	1259.68	0.80	ppb
Molybdenum	95-1	1821.46	1771.36	1762.60	1785.14	1.78	ppb
Molybdenum	96-1	1734.71	1710.43	1682.21	1709.12	1.54	ppb
Molybdenum	97-1	1796.87	1801.29	1784.10	1794.09	0.50	ppb
Molybdenum	98-1	359.32	356.33	355.43	357.03	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.02	4.87	5.05	4.98	1.96	ppb
Phosphorus	31-2	87188.95	87389.81	86649.23	87076.00	0.44	ppb
Potassium	39-2	93342.29	94046.66	92890.02	93426.32	0.62	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	0.14	-0.06	1.73	0.60	163.04	ppb
Selenium	82-1	1.41	1.14	0.80	1.12	27.27	ppb
Silicon	28-1	-22.07	-3.68	-36.78	-20.84		ppb
Silver	109-1	0.17	0.16	0.23	0.19	19.99	ppb
Silver	107-1	0.19	0.19	0.18	0.19	5.44	ppb
Sodium	23-2	87445.07	87430.80	86707.19	87194.35	0.48	ppb
Strontium	86-1	30.80	30.52	31.11	30.81	0.97	ppb
Strontium	88-1	32.10	31.48	31.96	31.85	1.03	ppb
Sulfur	34-1	115992.54	113432.16	112422.56	113949.08	1.61	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	-0.04	-0.04	-0.03		ppb
Thallium	205-1	-0.02	-0.04	-0.03	-0.03		ppb
Tin	118-1	0.01	0.11	0.07	0.06	78.79	ppb
Titanium	47-1	1844.21	1832.82	1801.14	1826.06	1.22	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.11	0.13	0.09	0.11	17.32	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	12.06	12.26	12.35	12.22	1.22	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:31:31	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.01	0.01	49.01	ppb
Zirconium	91-1	0.00	0.00	-0.04	-0.02		ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:35:13	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79189.51	79908.27	81366.80	80154.86	1.38	ppb
Antimony	121-1	19.76	19.15	19.53	19.48	1.59	ppb
Arsenic	75-1	18.55	19.57	17.43	18.52	5.78	ppb
Barium	135-1	19.91	21.09	20.63	20.54	2.89	ppb
Barium	137-1	21.51	20.34	20.52	20.79	3.03	ppb
Beryllium	9-1	17.94	18.26	19.30	18.50	3.86	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	62.04	61.80	61.81	61.88	0.22	ppb
Boron	11-1	63.08	62.43	63.48	62.99	0.84	ppb
Cadmium	111-1	18.76	18.97	17.66	18.46	3.81	ppb
Cadmium	106-1	26.32	22.06	20.71	23.03	12.71	ppb
Cadmium	108-1	28.34	28.08	25.91	27.45	4.86	ppb
Calcium	43-1	98255.16	96674.78	98526.88	97818.94	1.02	ppb
Calcium	44-1	96028.50	95202.75	95205.37	95478.88	0.50	ppb
Chromium	52-2	36.03	37.07	35.83	36.31	1.84	ppb
Cobalt	59-2	19.75	19.35	19.62	19.57	1.05	ppb
Copper	63-2	24.36	25.72	24.88	24.99	2.74	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				107		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	96967.36	98468.87	96661.65	97365.96	0.99	ppb
Iron	57-2	100203.00	101417.13	97859.26	99826.47	1.81	ppb
Krypton	83-1						cps
Lead	206-1	23.17	23.81	22.89	23.29	2.03	ppb
Lead	207-1	21.18	21.54	20.86	21.19	1.60	ppb
Lead	208-1	21.76	21.87	21.37	21.67	1.22	ppb
Lithium	6-1				81		%
Magnesium	24-2	93406.66	93401.08	92455.04	93087.59	0.59	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:35:13	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.80	26.43	25.70	25.98	1.53	ppb
Molybdenum	94-1	1366.58	1354.93	1375.26	1365.59	0.75	ppb
Molybdenum	95-1	1834.73	1819.51	1827.09	1827.11	0.42	ppb
Molybdenum	96-1	1750.58	1775.19	1802.28	1776.02	1.46	ppb
Molybdenum	97-1	1837.67	1837.47	1841.91	1839.02	0.14	ppb
Molybdenum	98-1	371.62	368.87	373.59	371.36	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.25	23.17	23.29	23.24	0.26	ppb
Phosphorus	31-2	85776.71	87146.98	86566.22	86496.64	0.80	ppb
Potassium	39-2	92789.21	92479.76	92867.66	92712.21	0.22	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	12.77	32.23	22.66	22.55	43.12	ppb
Selenium	78-2	17.71	17.19	19.11	18.00	5.50	ppb
Selenium	82-1	16.85	18.28	18.16	17.76	4.46	ppb
Silicon	28-1	9.21	54.71	-23.12	13.60	287.51	ppb
Silver	109-1	18.07	17.38	17.31	17.59	2.39	ppb
Silver	107-1	17.51	18.04	17.59	17.71	1.63	ppb
Sodium	23-2	86203.67	87341.89	87564.43	87036.66	0.84	ppb
Strontium	86-1	96.73	95.69	96.15	96.19	0.54	ppb
Strontium	88-1	100.29	99.39	99.59	99.76	0.47	ppb
Sulfur	34-1	111817.67	111299.22	111001.82	111372.90	0.37	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	18.22	17.83	18.88	18.31	2.90	ppb
Thallium	205-1	18.52	18.55	18.37	18.48	0.52	ppb
Tin	118-1	58.91	56.25	57.19	57.45	2.35	ppb
Titanium	47-1	1842.40	1876.77	1854.08	1857.75	0.94	ppb
Uranium	238-1	58.03	57.66	57.36	57.68	0.58	ppb
Vanadium	51-2	17.62	18.18	17.91	17.90	1.56	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	30.14	30.55	29.12	29.94	2.45	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:35:13	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	57.17	55.76	55.53	56.15	1.59	ppb
Zirconium	91-1	53.15	56.52	54.28	54.65	3.13	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:38:56	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52211.82	51786.40	51691.00	51896.41	0.53	ppb
Antimony	121-1	479.45	474.02	470.56	474.68	0.94	ppb
Arsenic	75-1	463.00	450.95	461.75	458.57	1.44	ppb
Barium	135-1	2384.79	2345.47	2366.70	2365.65	0.83	ppb
Barium	137-1	2411.21	2336.48	2410.18	2385.96	1.80	ppb
Beryllium	9-1	486.58	486.91	476.03	483.17	1.28	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	482.40	475.84	474.36	477.53	0.90	ppb
Boron	11-1	477.65	480.66	487.28	481.86	1.02	ppb
Cadmium	111-1	457.04	451.58	460.94	456.52	1.03	ppb
Cadmium	106-1	462.24	446.40	454.05	454.23	1.74	ppb
Cadmium	108-1	467.56	460.81	459.41	462.60	0.94	ppb
Calcium	43-1	238332.69	242459.85	244218.65	241670.40	1.25	ppb
Calcium	44-1	237852.25	239814.87	240006.69	239224.60	0.50	ppb
Chromium	52-2	460.28	473.03	458.97	464.09	1.67	ppb
Cobalt	59-2	460.13	461.22	459.25	460.20	0.21	ppb
Copper	63-2	849.59	857.09	841.35	849.34	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	120703.28	121567.02	120568.70	120946.33	0.45	ppb
Iron	57-2	124226.81	124584.96	125291.35	124701.04	0.43	ppb
Krypton	83-1						cps
Lead	206-1	473.38	472.87	467.65	471.30	0.67	ppb
Lead	207-1	464.06	472.77	460.28	465.71	1.38	ppb
Lead	208-1	458.24	467.23	458.93	461.47	1.08	ppb
Lithium	6-1				85		%
Magnesium	24-2	239249.32	238116.75	237098.68	238154.92	0.45	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:38:56	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	915.27	928.74	927.50	923.84	0.81	ppb
Molybdenum	94-1	2357.38	2306.38	2293.79	2319.18	1.45	ppb
Molybdenum	95-1	2378.62	2314.28	2324.91	2339.27	1.47	ppb
Molybdenum	96-1	2375.52	2323.69	2295.58	2331.59	1.74	ppb
Molybdenum	97-1	2388.76	2332.88	2284.03	2335.22	2.24	ppb
Molybdenum	98-1	478.40	463.38	458.69	466.82	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	457.58	465.81	460.87	461.42	0.90	ppb
Phosphorus	31-2	9388.45	9285.53	9287.84	9320.61	0.63	ppb
Potassium	39-2	120100.96	122225.20	120361.05	120895.74	0.96	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	488.22	458.78	474.03	473.68	3.11	ppb
Selenium	78-2	470.69	456.76	460.69	462.71	1.55	ppb
Selenium	82-1	468.80	455.98	452.21	458.99	1.90	ppb
Silicon	28-1	440.58	441.89	431.23	437.90	1.33	ppb
Silver	109-1	469.28	458.44	465.89	464.54	1.19	ppb
Silver	107-1	462.95	460.76	452.97	458.89	1.14	ppb
Sodium	23-2	222866.24	225514.95	223288.67	223889.95	0.64	ppb
Strontium	86-1	470.38	463.13	462.97	465.49	0.91	ppb
Strontium	88-1	473.32	461.72	464.03	466.35	1.32	ppb
Sulfur	34-1	4725.47	4668.44	4587.42	4660.44	1.49	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	467.89	466.45	467.39	467.24	0.16	ppb
Thallium	205-1	475.92	476.82	472.61	475.11	0.47	ppb
Tin	118-1	485.49	479.12	480.48	481.70	0.70	ppb
Titanium	47-1	2335.63	2306.44	2307.21	2316.43	0.72	ppb
Uranium	238-1	467.09	465.77	474.40	469.09	0.99	ppb
Vanadium	51-2	461.58	472.15	464.97	466.23	1.16	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	859.40	869.60	864.33	864.45	0.59	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:38:56	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	470.20	459.25	464.70	464.72	1.18	ppb
Zirconium	91-1	464.21	455.73	454.16	458.03	1.18	ppb

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P8
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:42:36 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.30	-0.09	0.44	0.02	2313.79	ppb
Antimony	121-1	0.06	0.09	0.07	0.07	23.47	ppb
Arsenic	75-1	-0.16	-0.19	-0.24	-0.20		ppb
Barium	135-1	0.05	-0.06	-0.03	-0.01		ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.13	0.11	0.11	0.11	10.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	15.68	12.31	12.81	13.60	13.35	ppb
Boron	11-1	14.49	13.39	13.20	13.69	5.10	ppb
Cadmium	111-1	-0.07	-0.14	-0.06	-0.09		ppb
Cadmium	106-1	-0.60	-1.34	-0.36	-0.77		ppb
Cadmium	108-1	0.08	0.26	0.17	0.17	50.56	ppb
Calcium	43-1	5.39	24.71	16.29	15.46	62.63	ppb
Calcium	44-1	7.95	-1.00	1.07	2.67	175.42	ppb
Chromium	52-2	0.04	0.03	0.04	0.04	23.18	ppb
Cobalt	59-2	-0.04	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.32	0.27	0.27	0.29	10.38	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				106		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	1.43	0.90	1.05	1.13	23.91	ppb
Iron	57-2	-1.54	0.23	-0.70	-0.67		ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.19	0.15	0.18	12.29	ppb
Lead	207-1	0.17	0.08	0.14	0.13	36.30	ppb
Lead	208-1	0.16	0.16	0.16	0.16	1.92	ppb
Lithium	6-1				89		%
Magnesium	24-2	1.70	2.57	1.96	2.08	21.61	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:42:36	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.04	0.00	0.02	85.22	ppb
Molybdenum	94-1	0.08	0.10	0.05	0.08	28.23	ppb
Molybdenum	95-1	0.07	0.11	0.05	0.08	37.94	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	872.68	ppb
Molybdenum	97-1	0.04	0.04	0.03	0.04	21.44	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	49.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.07	-0.06	-0.04		ppb
Phosphorus	31-2	-50.86	-80.38	-44.32	-58.52		ppb
Potassium	39-2	12.59	15.62	12.70	13.64	12.59	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	-0.32	-0.32	0.60	-0.01		ppb
Selenium	78-2	0.82	0.80	0.30	0.64	46.27	ppb
Selenium	82-1	1.02	1.46	-0.46	0.67	149.41	ppb
Silicon	28-1	-23.22	-21.14	-12.49	-18.95		ppb
Silver	109-1	0.12	0.09	0.06	0.09	36.61	ppb
Silver	107-1	0.09	0.11	0.07	0.09	23.04	ppb
Sodium	23-2	89.50	86.56	80.81	85.62	5.17	ppb
Strontium	86-1	0.01	-0.03	-0.22	-0.08		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	347.20	ppb
Sulfur	34-1	-5344.38	-4998.30	-4770.39	-5037.69		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	0.02	0.02	0.01	130.16	ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	-0.05	-0.03	-0.05	-0.04		ppb
Titanium	47-1	-0.67	0.15	0.31	-0.07		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.02	-0.02	-0.01	-0.02		ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	-0.05	-0.01	-0.10	-0.05		ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:42:36	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.02	0.01	101.02	ppb
Zirconium	91-1	0.02	-0.02	-0.01	-0.01		ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:46:24	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.26	17.61	16.23	17.03	4.20	ppb
Antimony	121-1	1.57	1.66	1.78	1.67	6.34	ppb
Arsenic	75-1	0.94	0.73	0.79	0.82	13.43	ppb
Barium	135-1	8.47	9.04	9.28	8.93	4.68	ppb
Barium	137-1	8.73	9.09	9.44	9.09	3.87	ppb
Beryllium	9-1	0.92	0.87	0.94	0.91	4.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	27.87	29.13	28.25	28.41	2.29	ppb
Boron	11-1	27.77	27.90	27.92	27.87	0.29	ppb
Cadmium	111-1	0.53	0.74	0.71	0.66	17.33	ppb
Cadmium	106-1	-1.97	0.57	0.65	-0.25		ppb
Cadmium	108-1	0.91	1.11	1.02	1.01	9.46	ppb
Calcium	43-1	460.53	385.12	401.33	415.66	9.55	ppb
Calcium	44-1	477.79	457.22	469.72	468.24	2.21	ppb
Chromium	52-2	1.68	1.79	1.66	1.71	4.22	ppb
Cobalt	59-2	0.88	0.80	0.78	0.82	6.82	ppb
Copper	63-2	1.95	1.85	1.69	1.83	7.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	50.06	49.76	48.92	49.58	1.19	ppb
Iron	57-2	52.22	53.93	44.16	50.10	10.42	ppb
Krypton	83-1						cps
Lead	206-1	0.82	0.92	0.87	0.87	5.60	ppb
Lead	207-1	0.75	0.86	0.77	0.80	7.46	ppb
Lead	208-1	0.83	0.89	0.88	0.87	3.80	ppb
Lithium	6-1				87		%
Magnesium	24-2	473.47	490.83	484.83	483.04	1.83	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:46:24	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	0.85	0.90	0.93	9.57	ppb
Molybdenum	94-1	4.45	4.61	4.74	4.60	3.12	ppb
Molybdenum	95-1	4.57	4.42	4.91	4.63	5.38	ppb
Molybdenum	96-1	4.27	4.38	4.47	4.37	2.28	ppb
Molybdenum	97-1	4.07	4.36	4.39	4.27	4.06	ppb
Molybdenum	98-1	0.89	0.88	0.97	0.91	5.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.88	0.94	0.87	7.91	ppb
Phosphorus	31-2	18.05	25.74	-39.94	1.28	2795.46	ppb
Potassium	39-2	477.37	458.48	453.32	463.05	2.73	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	2.44	2.41	5.93	3.59	56.26	ppb
Selenium	78-2	4.83	4.74	4.78	4.79	0.92	ppb
Selenium	82-1	4.19	5.60	5.14	4.98	14.45	ppb
Silicon	28-1	-21.83	-42.66	-55.10	-39.86		ppb
Silver	109-1	1.01	0.92	0.94	0.96	4.96	ppb
Silver	107-1	0.90	0.98	0.93	0.94	4.40	ppb
Sodium	23-2	514.96	502.19	491.88	503.01	2.30	ppb
Strontium	86-1	0.79	0.82	0.60	0.74	16.48	ppb
Strontium	88-1	0.84	0.87	0.93	0.88	5.12	ppb
Sulfur	34-1	-4939.45	-5068.70	-4867.66	-4958.60		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.84	0.83	0.76	0.81	5.37	ppb
Thallium	205-1	0.83	0.87	0.77	0.82	6.27	ppb
Tin	118-1	4.39	4.83	4.58	4.60	4.77	ppb
Titanium	47-1	4.15	4.74	4.88	4.59	8.42	ppb
Uranium	238-1	0.82	0.77	0.92	0.84	8.75	ppb
Vanadium	51-2	4.50	4.49	4.34	4.44	2.07	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	1.42	1.40	1.33	1.38	3.41	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:46:24	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.80	0.89	0.86	0.85	5.11	ppb
Zirconium	91-1	0.86	1.01	0.83	0.90	10.92	ppb

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : PB120615BL Instrumnet Name : P8
 Client Sample ID : PB120615BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:50:12 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	-0.52	-0.47	-0.20		ppb
Antimony	121-1	0.02	0.01	0.02	0.02	35.85	ppb
Arsenic	75-1	-0.45	-0.36	-0.53	-0.44		ppb
Barium	135-1	-0.06	-0.06	-0.04	-0.06		ppb
Barium	137-1	-0.05	-0.03	-0.02	-0.04		ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	5.75	5.73	5.50	5.66	2.49	ppb
Boron	11-1	6.19	6.29	5.63	6.04	5.95	ppb
Cadmium	111-1	-0.03	-0.09	-0.07	-0.06		ppb
Cadmium	106-1	-0.02	-0.85	-0.64	-0.50		ppb
Cadmium	108-1	0.00	0.09	0.00	0.03	173.21	ppb
Calcium	43-1	4.39	8.83	-9.49	1.24	768.35	ppb
Calcium	44-1	-1.22	-6.45	-5.98	-4.55		ppb
Chromium	52-2	-0.02	0.02	-0.03	-0.01		ppb
Cobalt	59-2	-0.03	-0.03	-0.04	-0.04		ppb
Copper	63-2	0.01	0.09	0.05	0.05	75.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	-0.63	-0.38	-0.46	-0.49		ppb
Iron	57-2	0.33	-2.55	-2.60	-1.61		ppb
Krypton	83-1						cps
Lead	206-1	-0.04	0.00	0.02	-0.01		ppb
Lead	207-1	-0.02	-0.01	0.02	0.00		ppb
Lead	208-1	0.00	-0.01	0.01	0.00	1454.32	ppb
Lithium	6-1				86		%
Magnesium	24-2	1.16	2.73	0.95	1.61	60.20	ppb

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : PB120615BL Instrumnet Name : P8
 Client Sample ID : PB120615BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:50:12 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.01	-0.03	-0.02		ppb
Molybdenum	94-1	0.04	0.01	0.02	0.02	52.33	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	2884.51	ppb
Molybdenum	96-1	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	97-1	-0.08	-0.09	-0.02	-0.07		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.08	-0.07	-0.07		ppb
Phosphorus	31-2	-65.95	-59.18	-40.23	-55.12		ppb
Potassium	39-2	-18.32	-8.79	-24.08	-17.06		ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	0.59	-0.32	-0.32	-0.01		ppb
Selenium	78-2	1.01	0.10	0.08	0.40	134.61	ppb
Selenium	82-1	0.36	0.37	-1.04	-0.10		ppb
Silicon	28-1	-3.25	-11.13	-29.57	-14.65		ppb
Silver	109-1	0.08	0.04	0.07	0.07	36.98	ppb
Silver	107-1	0.02	0.04	0.04	0.04	29.31	ppb
Sodium	23-2	54.53	52.10	50.42	52.35	3.94	ppb
Strontium	86-1	0.05	0.10	-0.09	0.02	508.51	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-4207.13	-3838.67	-4028.09	-4024.63		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.02	0.00	-0.04	-0.02		ppb
Tin	118-1	-0.04	-0.08	-0.04	-0.05		ppb
Titanium	47-1	-0.37	0.50	0.27	0.14	331.49	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.02	-0.01	-0.02	-0.02		ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	-0.27	-0.24	-0.20	-0.24		ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	PB120615BL	Instrumnet Name :	P8
Client Sample ID :	PB120615BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:50:12	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.01	0.01	91.17	ppb
Zirconium	91-1	-0.03	-0.03	0.03	-0.01		ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	PB120615BS	Instrumnet Name :	P8
Client Sample ID :	PB120615BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:54:01	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9570.97	9412.12	9356.30	9446.46	1.18	ppb
Antimony	121-1	483.87	481.45	492.30	485.87	1.17	ppb
Arsenic	75-1	472.92	469.77	459.14	467.28	1.55	ppb
Barium	135-1	2370.06	2406.23	2451.49	2409.26	1.69	ppb
Barium	137-1	2416.32	2407.18	2460.93	2428.14	1.18	ppb
Beryllium	9-1	477.32	481.57	481.69	480.19	0.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	457.96	468.66	463.37	463.33	1.15	ppb
Boron	11-1	469.79	472.79	467.70	470.09	0.54	ppb
Cadmium	111-1	470.78	463.83	475.85	470.15	1.28	ppb
Cadmium	106-1	481.78	458.77	466.23	468.93	2.50	ppb
Cadmium	108-1	475.80	459.28	473.00	469.36	1.88	ppb
Calcium	43-1	51440.50	51337.82	51027.05	51268.46	0.42	ppb
Calcium	44-1	50424.92	50621.54	50069.08	50371.85	0.56	ppb
Chromium	52-2	473.75	469.51	466.89	470.05	0.74	ppb
Cobalt	59-2	473.87	467.56	459.30	466.91	1.57	ppb
Copper	63-2	899.56	912.51	896.12	902.73	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	26078.62	25395.99	24808.68	25427.77	2.50	ppb
Iron	57-2	25946.66	25064.03	25197.99	25402.89	1.87	ppb
Krypton	83-1						cps
Lead	206-1	481.07	478.74	477.00	478.94	0.43	ppb
Lead	207-1	477.79	475.22	475.42	476.14	0.30	ppb
Lead	208-1	469.61	470.16	468.01	469.26	0.24	ppb
Lithium	6-1				85		%
Magnesium	24-2	50735.31	49554.27	49305.81	49865.13	1.53	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	PB120615BS	Instrumnet Name :	P8
Client Sample ID :	PB120615BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:54:01	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	959.42	946.67	923.92	943.34	1.91	ppb
Molybdenum	94-1	2393.61	2337.49	2337.29	2356.13	1.38	ppb
Molybdenum	95-1	2382.31	2364.24	2321.77	2356.11	1.32	ppb
Molybdenum	96-1	2387.77	2355.73	2306.24	2349.91	1.75	ppb
Molybdenum	97-1	2416.56	2349.68	2351.10	2372.45	1.61	ppb
Molybdenum	98-1	481.65	470.90	472.92	475.16	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.52	473.77	464.47	472.25	1.51	ppb
Phosphorus	31-2	9396.07	9280.93	9160.09	9279.03	1.27	ppb
Potassium	39-2	25510.54	25694.82	25232.77	25479.37	0.91	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	459.51	475.99	449.28	461.59	2.92	ppb
Selenium	78-2	466.61	470.76	476.94	471.44	1.10	ppb
Selenium	82-1	478.48	473.15	461.07	470.90	1.89	ppb
Silicon	28-1	534.60	487.93	511.73	511.42	4.56	ppb
Silver	109-1	475.48	475.47	480.38	477.11	0.59	ppb
Silver	107-1	476.75	462.70	480.26	473.24	1.96	ppb
Sodium	23-2	46752.73	46593.99	46789.65	46712.12	0.22	ppb
Strontium	86-1	470.13	465.94	460.24	465.43	1.07	ppb
Strontium	88-1	476.01	470.05	467.92	471.33	0.89	ppb
Sulfur	34-1	7582.24	6304.24	6726.39	6870.95	9.48	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	473.88	480.73	470.39	475.00	1.11	ppb
Thallium	205-1	474.74	480.82	478.70	478.09	0.64	ppb
Tin	118-1	480.85	478.55	490.07	483.16	1.26	ppb
Titanium	47-1	2344.23	2356.52	2378.82	2359.86	0.74	ppb
Uranium	238-1	476.92	475.48	471.89	474.76	0.55	ppb
Vanadium	51-2	474.87	473.73	470.15	472.92	0.52	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	904.81	889.66	882.08	892.18	1.30	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	PB120615BS	Instrumnet Name :	P8
Client Sample ID :	PB120615BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:54:01	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	472.42	467.70	466.85	468.99	0.64	ppb
Zirconium	91-1	469.68	464.19	460.42	464.77	1.00	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:57:42	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	444.72	501.62	455.15	467.16	6.48	ppb
Antimony	121-1	0.12	0.12	0.10	0.11	11.70	ppb
Arsenic	75-1	-0.19	-0.20	-0.14	-0.18		ppb
Barium	135-1	8.98	8.81	8.67	8.82	1.76	ppb
Barium	137-1	8.66	8.75	8.32	8.57	2.67	ppb
Beryllium	9-1	1.24	1.18	1.19	1.21	2.57	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	19.32	19.07	20.66	19.69	4.35	ppb
Boron	11-1	19.89	21.29	20.80	20.66	3.43	ppb
Cadmium	111-1	0.98	0.87	0.92	0.92	5.72	ppb
Cadmium	106-1	-0.22	-0.08	0.01	-0.10		ppb
Cadmium	108-1	1.01	1.37	1.02	1.14	17.95	ppb
Calcium	43-1	12167.84	12532.90	12005.87	12235.54	2.21	ppb
Calcium	44-1	12190.13	12265.39	12164.46	12206.66	0.43	ppb
Chromium	52-2	1.87	2.01	1.77	1.88	6.34	ppb
Cobalt	59-2	108.90	109.63	109.80	109.45	0.44	ppb
Copper	63-2	54.24	54.72	54.38	54.44	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	2941.03	2969.63	3027.18	2979.28	1.47	ppb
Iron	57-2	2838.17	2917.97	2911.39	2889.18	1.53	ppb
Krypton	83-1						cps
Lead	206-1	3.26	3.26	3.37	3.30	2.01	ppb
Lead	207-1	2.87	3.14	2.90	2.97	4.98	ppb
Lead	208-1	2.96	3.05	3.01	3.01	1.41	ppb
Lithium	6-1				84		%
Magnesium	24-2	1965.05	1967.07	1970.18	1967.43	0.13	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:57:42	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	105.62	107.07	107.28	106.66	0.85	ppb
Molybdenum	94-1	0.74	0.76	0.65	0.72	7.86	ppb
Molybdenum	95-1	0.12	0.12	0.04	0.10	47.24	ppb
Molybdenum	96-1	0.16	0.21	0.15	0.17	18.81	ppb
Molybdenum	97-1	0.18	-0.04	-0.01	0.04	275.21	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	9.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.94	42.00	41.58	41.84	0.55	ppb
Phosphorus	31-2	1125.74	981.56	1035.70	1047.67	6.95	ppb
Potassium	39-2	7683.15	7712.00	7611.40	7668.85	0.68	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	4.91	2.34	2.29	3.18	47.07	ppb
Selenium	78-2	0.58	0.86	0.65	0.70	21.24	ppb
Selenium	82-1	0.80	-0.27	0.91	0.48	135.63	ppb
Silicon	28-1	4013.78	4135.60	4163.33	4104.23	1.94	ppb
Silver	109-1	0.12	0.14	0.09	0.12	22.92	ppb
Silver	107-1	0.11	0.15	0.13	0.13	16.80	ppb
Sodium	23-2	4754.30	4761.41	4751.06	4755.59	0.11	ppb
Strontium	86-1	45.21	42.98	44.23	44.14	2.53	ppb
Strontium	88-1	45.24	44.98	45.58	45.27	0.67	ppb
Sulfur	34-1	-5659.74	-5415.70	-5348.62	-5474.69		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.68	0.65	0.72	0.68	5.70	ppb
Thallium	205-1	0.69	0.60	0.63	0.64	7.51	ppb
Tin	118-1	0.47	0.48	0.49	0.48	1.82	ppb
Titanium	47-1	6.00	7.29	6.95	6.75	9.83	ppb
Uranium	238-1	0.99	1.08	1.03	1.03	4.35	ppb
Vanadium	51-2	0.79	0.95	0.79	0.84	10.77	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	568.48	574.55	575.56	572.86	0.67	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:57:42	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.39	0.38	0.44	0.40	8.77	ppb
Zirconium	91-1	0.50	0.30	0.39	0.40	25.61	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01DUP	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061DUF	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:01:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	578.96	595.19	575.96	583.37	1.77	ppb
Antimony	121-1	0.05	0.06	0.04	0.05	27.29	ppb
Arsenic	75-1	-0.27	-0.30	-0.32	-0.30		ppb
Barium	135-1	8.66	8.97	9.57	9.07	5.10	ppb
Barium	137-1	9.22	8.71	8.82	8.91	2.99	ppb
Beryllium	9-1	1.23	1.03	1.08	1.11	9.31	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	13.23	13.94	14.89	14.02	5.95	ppb
Boron	11-1	13.51	14.53	13.87	13.97	3.71	ppb
Cadmium	111-1	0.92	0.91	0.81	0.88	6.93	ppb
Cadmium	106-1	0.17	-0.88	-0.28	-0.33		ppb
Cadmium	108-1	1.80	2.20	1.26	1.75	27.15	ppb
Calcium	43-1	12250.83	12340.04	11972.35	12187.74	1.57	ppb
Calcium	44-1	12055.57	12340.41	12420.13	12272.04	1.56	ppb
Chromium	52-2	1.99	1.91	1.92	1.94	2.38	ppb
Cobalt	59-2	111.86	111.26	108.89	110.67	1.41	ppb
Copper	63-2	54.49	54.53	54.13	54.38	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	3056.98	2976.92	2962.52	2998.81	1.70	ppb
Iron	57-2	3016.92	2939.17	2961.52	2972.54	1.35	ppb
Krypton	83-1						cps
Lead	206-1	2.89	3.28	2.84	3.01	8.06	ppb
Lead	207-1	2.69	2.88	3.19	2.92	8.68	ppb
Lead	208-1	2.87	3.06	2.89	2.94	3.68	ppb
Lithium	6-1				82		%
Magnesium	24-2	1999.80	1969.93	1979.78	1983.17	0.77	ppb

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : K3305-01DUP Instrumnet Name : P8
 Client Sample ID : 390605753-OH-6061DUF Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 17:01:29 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	108.39	107.47	106.05	107.30	1.10	ppb
Molybdenum	94-1	0.77	0.88	0.87	0.84	7.30	ppb
Molybdenum	95-1	0.02	0.01	0.03	0.02	53.88	ppb
Molybdenum	96-1	0.12	0.10	0.11	0.11	9.32	ppb
Molybdenum	97-1	-0.01	-0.01	-0.08	-0.03		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	52.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.32	42.30	42.03	42.22	0.37	ppb
Phosphorus	31-2	1133.80	1064.43	1041.98	1080.07	4.43	ppb
Potassium	39-2	7862.69	7703.28	7627.74	7731.24	1.55	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	4.91	0.56	3.97	3.15	72.74	ppb
Selenium	78-2	1.20	1.77	0.77	1.25	40.37	ppb
Selenium	82-1	0.52	0.29	0.86	0.56	51.42	ppb
Silicon	28-1	4110.22	4266.31	4077.09	4151.21	2.43	ppb
Silver	109-1	0.10	0.07	0.09	0.09	12.99	ppb
Silver	107-1	0.09	0.10	0.08	0.09	6.91	ppb
Sodium	23-2	4822.06	4762.36	4706.52	4763.65	1.21	ppb
Strontium	86-1	44.29	44.46	44.37	44.38	0.19	ppb
Strontium	88-1	45.98	46.09	46.48	46.18	0.56	ppb
Sulfur	34-1	-6923.82	-5697.99	-6927.76	-6516.53		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.63	0.74	0.61	0.66	10.64	ppb
Thallium	205-1	0.69	0.63	0.60	0.64	7.04	ppb
Tin	118-1	0.50	0.56	0.56	0.54	6.27	ppb
Titanium	47-1	17.74	15.71	10.75	14.73	24.42	ppb
Uranium	238-1	1.03	1.07	0.99	1.03	4.15	ppb
Vanadium	51-2	0.97	0.86	1.04	0.95	9.59	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	581.98	576.05	564.70	574.24	1.53	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01DUP	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061DUF	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:01:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.74	0.43	0.48	0.55	30.49	ppb
Zirconium	91-1	0.35	0.48	0.48	0.44	16.83	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01LX5	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-14 17:05:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	266.33	217.98	171.04	218.45	21.81	ppb
Antimony	121-1	0.04	0.02	0.03	0.03	17.65	ppb
Arsenic	75-1	-0.29	-0.43	-0.58	-0.43		ppb
Barium	135-1	2.04	1.65	1.82	1.84	10.64	ppb
Barium	137-1	1.58	1.63	1.60	1.60	1.37	ppb
Beryllium	9-1	0.33	0.28	0.28	0.30	9.58	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	7.35	7.29	8.87	7.84	11.41	ppb
Boron	11-1	7.26	6.76	6.93	6.99	3.61	ppb
Cadmium	111-1	0.22	0.12	0.13	0.15	36.66	ppb
Cadmium	106-1	1.62	-0.44	-0.45	0.24	492.22	ppb
Cadmium	108-1	0.17	0.49	0.25	0.30	54.98	ppb
Calcium	43-1	2518.07	2419.49	2335.72	2424.42	3.76	ppb
Calcium	44-1	2475.27	2486.95	2447.12	2469.78	0.83	ppb
Chromium	52-2	0.51	0.44	0.46	0.47	7.96	ppb
Cobalt	59-2	22.78	22.49	21.82	22.36	2.22	ppb
Copper	63-2	11.45	11.07	10.82	11.11	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	651.17	636.86	611.13	633.06	3.20	ppb
Iron	57-2	652.52	688.40	610.40	650.44	6.00	ppb
Krypton	83-1						cps
Lead	206-1	0.54	0.62	0.63	0.60	7.90	ppb
Lead	207-1	0.67	0.55	0.57	0.60	10.88	ppb
Lead	208-1	0.62	0.59	0.60	0.61	2.73	ppb
Lithium	6-1				83		%
Magnesium	24-2	405.16	403.96	391.44	400.19	1.90	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01LX5	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-14 17:05:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	22.21	21.40	21.13	21.58	2.59	ppb
Molybdenum	94-1	0.18	0.14	0.25	0.19	28.55	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.02	0.03	0.01	0.02	62.21	ppb
Molybdenum	97-1	-0.11	-0.11	-0.12	-0.11		ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.57	8.52	8.21	8.43	2.30	ppb
Phosphorus	31-2	194.17	162.90	174.82	177.30	8.90	ppb
Potassium	39-2	1589.31	1542.20	1489.47	1540.33	3.24	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	1.45	0.57	3.20	1.74	76.84	ppb
Selenium	78-2	-0.10	0.87	0.37	0.38	127.52	ppb
Selenium	82-1	1.09	1.56	-0.53	0.71	154.86	ppb
Silicon	28-1	872.01	800.93	1048.99	907.31	14.08	ppb
Silver	109-1	0.05	0.07	0.04	0.06	26.56	ppb
Silver	107-1	0.02	0.06	0.05	0.04	40.86	ppb
Sodium	23-2	1020.88	1002.66	980.59	1001.38	2.01	ppb
Strontium	86-1	9.35	8.83	9.02	9.07	2.91	ppb
Strontium	88-1	9.69	9.39	9.43	9.50	1.70	ppb
Sulfur	34-1	-8822.13	-8985.26	-8499.71	-8769.03		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.13	0.11	0.13	0.12	10.15	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	3.70	ppb
Tin	118-1	0.07	0.12	0.09	0.09	23.93	ppb
Titanium	47-1	4.30	11.87	3.12	6.43	73.86	ppb
Uranium	238-1	0.18	0.20	0.20	0.19	6.58	ppb
Vanadium	51-2	0.27	0.24	0.27	0.26	5.89	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	117.69	117.35	114.71	116.58	1.40	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01LX5	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-14 17:05:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.08	0.15	0.12	31.59	ppb
Zirconium	91-1	0.07	0.06	0.23	0.12	78.70	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01MS	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:09:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2251.03	2289.30	2280.58	2273.64	0.88	ppb
Antimony	121-1	751.02	738.68	750.19	746.63	0.92	ppb
Arsenic	75-1	826.46	815.72	815.76	819.31	0.75	ppb
Barium	135-1	209.00	207.87	209.68	208.85	0.44	ppb
Barium	137-1	207.20	207.75	211.55	208.83	1.13	ppb
Beryllium	9-1	193.06	195.15	196.49	194.90	0.89	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	293.68	299.15	297.99	296.94	0.97	ppb
Boron	11-1	298.81	300.15	305.51	301.49	1.18	ppb
Cadmium	111-1	190.22	190.94	191.76	190.98	0.40	ppb
Cadmium	106-1	162.47	162.52	161.63	162.21	0.31	ppb
Cadmium	108-1	173.51	173.50	175.01	174.01	0.50	ppb
Calcium	43-1	12886.87	12872.43	13216.57	12991.96	1.50	ppb
Calcium	44-1	13254.11	13169.28	12893.97	13105.79	1.44	ppb
Chromium	52-2	379.54	384.25	384.95	382.92	0.77	ppb
Cobalt	59-2	301.27	305.21	307.15	304.54	0.98	ppb
Copper	63-2	337.68	347.97	344.71	343.46	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	5918.79	5982.53	5971.24	5957.52	0.57	ppb
Iron	57-2	5919.27	5919.51	6048.42	5962.40	1.25	ppb
Krypton	83-1						cps
Lead	206-1	974.19	973.01	978.17	975.12	0.28	ppb
Lead	207-1	955.04	952.12	956.60	954.59	0.24	ppb
Lead	208-1	966.10	966.81	963.31	965.41	0.19	ppb
Lithium	6-1				82		%
Magnesium	24-2	3949.87	3988.64	4025.66	3988.06	0.95	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01MS	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:09:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	297.40	296.93	298.40	297.58	0.25	ppb
Molybdenum	94-1	255.63	244.87	251.35	250.62	2.16	ppb
Molybdenum	95-1	363.49	349.98	353.76	355.74	1.96	ppb
Molybdenum	96-1	349.07	338.35	338.03	341.82	1.84	ppb
Molybdenum	97-1	364.78	361.01	355.84	360.54	1.25	ppb
Molybdenum	98-1	73.51	71.95	72.19	72.55	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.06	538.21	541.55	536.94	1.00	ppb
Phosphorus	31-2	6555.78	6595.99	6629.90	6593.89	0.56	ppb
Potassium	39-2	17731.05	17963.76	18191.85	17962.22	1.28	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	1864.79	1860.45	1857.31	1860.85	0.20	ppb
Selenium	78-2	1807.68	1836.08	1833.88	1825.88	0.87	ppb
Selenium	82-1	1836.13	1822.97	1819.74	1826.28	0.48	ppb
Silicon	28-1	4986.52	5144.86	5001.45	5044.28	1.73	ppb
Silver	109-1	72.85	72.39	72.95	72.73	0.41	ppb
Silver	107-1	72.33	72.02	72.91	72.42	0.62	ppb
Sodium	23-2	7521.73	7814.97	7810.33	7715.68	2.18	ppb
Strontium	86-1	234.18	227.39	221.71	227.76	2.74	ppb
Strontium	88-1	235.14	235.08	231.63	233.95	0.86	ppb
Sulfur	34-1	-7951.15	-8108.12	-8171.26	-8076.84		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	1938.22	1925.42	1910.69	1924.78	0.72	ppb
Thallium	205-1	1881.72	1890.82	1911.15	1894.56	0.80	ppb
Tin	118-1	648.71	655.85	656.38	653.65	0.65	ppb
Titanium	47-1	193.90	190.11	192.73	192.25	1.01	ppb
Uranium	238-1	0.99	0.99	1.04	1.01	2.71	ppb
Vanadium	51-2	283.02	285.69	287.22	285.31	0.74	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	739.87	747.23	754.68	747.26	0.99	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01MS	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:09:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.74	0.79	0.70	0.74	5.60	ppb
Zirconium	91-1	1.06	0.91	0.96	0.98	7.72	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01MSD	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061MSI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:12:49	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2266.08	2275.98	2257.53	2266.53	0.41	ppb
Antimony	121-1	732.78	744.24	728.47	735.16	1.11	ppb
Arsenic	75-1	813.37	824.03	797.56	811.65	1.64	ppb
Barium	135-1	203.62	208.11	209.21	206.98	1.43	ppb
Barium	137-1	211.63	207.50	206.63	208.59	1.28	ppb
Beryllium	9-1	194.86	195.56	194.29	194.91	0.33	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Boron	10-1	293.89	304.96	309.19	302.68	2.61	ppb
Boron	11-1	307.37	309.11	309.16	308.55	0.33	ppb
Cadmium	111-1	190.37	188.44	186.26	188.35	1.09	ppb
Cadmium	106-1	163.54	168.28	159.02	163.61	2.83	ppb
Cadmium	108-1	166.95	166.20	170.80	167.98	1.47	ppb
Calcium	43-1	12943.79	13098.27	12952.81	12998.29	0.67	ppb
Calcium	44-1	13006.00	13199.30	13181.92	13129.07	0.81	ppb
Chromium	52-2	381.75	375.58	382.63	379.98	1.01	ppb
Cobalt	59-2	302.27	303.05	303.26	302.86	0.17	ppb
Copper	63-2	344.02	340.01	342.80	342.28	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	6076.61	5961.84	5981.64	6006.70	1.02	ppb
Iron	57-2	6019.56	5971.63	5930.16	5973.78	0.75	ppb
Krypton	83-1						cps
Lead	206-1	966.75	960.14	963.49	963.46	0.34	ppb
Lead	207-1	939.31	935.75	941.71	938.92	0.32	ppb
Lead	208-1	953.96	953.12	952.81	953.30	0.06	ppb
Lithium	6-1				81		%
Magnesium	24-2	3960.65	3939.40	3952.63	3950.89	0.27	ppb

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : K3305-01MSD Instrumnet Name : P8
 Client Sample ID : 390605753-OH-6061MSI Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 17:12:49 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	298.82	294.89	297.29	297.00	0.67	ppb
Molybdenum	94-1	249.14	249.22	244.66	247.67	1.05	ppb
Molybdenum	95-1	352.09	359.07	346.32	352.49	1.81	ppb
Molybdenum	96-1	335.18	342.16	333.70	337.01	1.34	ppb
Molybdenum	97-1	350.44	358.19	345.91	351.51	1.77	ppb
Molybdenum	98-1	70.88	71.77	69.53	70.73	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.16	532.63	534.24	532.01	0.49	ppb
Phosphorus	31-2	6652.43	6482.24	6496.39	6543.69	1.44	ppb
Potassium	39-2	17715.71	17985.30	17608.56	17769.86	1.09	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	1887.81	1833.65	1844.08	1855.18	1.55	ppb
Selenium	78-2	1803.59	1861.12	1867.30	1844.00	1.91	ppb
Selenium	82-1	1806.48	1833.69	1786.87	1809.02	1.30	ppb
Silicon	28-1	5168.33	5181.81	5107.28	5152.47	0.77	ppb
Silver	109-1	72.99	72.15	71.20	72.11	1.24	ppb
Silver	107-1	72.45	71.27	70.35	71.35	1.47	ppb
Sodium	23-2	7646.27	7511.17	7554.49	7570.64	0.91	ppb
Strontium	86-1	228.90	224.53	221.99	225.14	1.55	ppb
Strontium	88-1	229.75	235.18	223.63	229.52	2.52	ppb
Sulfur	34-1	-8860.06	-8922.61	-9234.95	-9005.87		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	1904.77	1892.17	1904.30	1900.41	0.38	ppb
Thallium	205-1	1872.24	1855.62	1863.91	1863.92	0.45	ppb
Tin	118-1	648.91	643.29	636.46	642.89	0.97	ppb
Titanium	47-1	188.49	192.58	189.45	190.17	1.12	ppb
Uranium	238-1	1.00	1.05	1.01	1.02	2.27	ppb
Vanadium	51-2	285.05	280.86	282.26	282.72	0.75	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	752.11	751.22	752.04	751.79	0.07	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01MSD	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061MSI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:12:49	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.77	0.66	0.71	0.71	7.85	ppb
Zirconium	91-1	0.94	1.14	0.98	1.02	10.56	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01A	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:16:33	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2234.64	2327.31	2266.49	2276.15	2.07	ppb
Antimony	121-1	736.23	745.62	758.04	746.63	1.47	ppb
Arsenic	75-1	813.65	802.91	825.68	814.08	1.40	ppb
Barium	135-1	203.42	204.83	212.04	206.76	2.23	ppb
Barium	137-1	209.96	211.82	208.59	210.13	0.77	ppb
Beryllium	9-1	194.61	195.90	193.46	194.66	0.63	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	302.92	312.10	303.39	306.14	1.69	ppb
Boron	11-1	304.78	315.33	312.29	310.80	1.75	ppb
Cadmium	111-1	187.37	189.38	193.11	189.95	1.53	ppb
Cadmium	106-1	162.81	162.03	167.49	164.11	1.80	ppb
Cadmium	108-1	171.21	173.52	173.18	172.63	0.72	ppb
Calcium	43-1	12946.41	12993.68	12972.55	12970.88	0.18	ppb
Calcium	44-1	13200.92	12983.54	13170.56	13118.34	0.90	ppb
Chromium	52-2	391.71	386.75	381.15	386.54	1.37	ppb
Cobalt	59-2	310.15	311.55	303.62	308.44	1.37	ppb
Copper	63-2	345.32	350.01	341.51	345.61	1.23	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				106		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	6090.70	6026.01	6039.74	6052.15	0.56	ppb
Iron	57-2	6097.73	6020.63	5944.84	6021.07	1.27	ppb
Krypton	83-1						cps
Lead	206-1	971.18	972.60	966.76	970.18	0.31	ppb
Lead	207-1	950.48	952.21	941.58	948.09	0.60	ppb
Lead	208-1	965.84	963.03	952.68	960.52	0.72	ppb
Lithium	6-1				80		%
Magnesium	24-2	4026.32	4035.85	4010.06	4024.08	0.32	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01A	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:16:33	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	304.51	301.66	297.75	301.31	1.13	ppb
Molybdenum	94-1	248.21	240.54	250.22	246.33	2.07	ppb
Molybdenum	95-1	352.14	346.91	359.29	352.78	1.76	ppb
Molybdenum	96-1	341.90	334.24	342.72	339.62	1.38	ppb
Molybdenum	97-1	356.75	348.31	357.13	354.06	1.41	ppb
Molybdenum	98-1	71.93	70.00	72.27	71.40	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	546.05	546.15	536.73	542.97	1.00	ppb
Phosphorus	31-2	6776.78	6805.84	6330.70	6637.77	4.01	ppb
Potassium	39-2	18200.40	18032.50	18291.34	18174.75	0.72	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	1848.87	1809.41	1836.55	1831.61	1.10	ppb
Selenium	78-2	1851.77	1834.59	1831.82	1839.39	0.59	ppb
Selenium	82-1	1817.22	1794.53	1834.85	1815.53	1.11	ppb
Silicon	28-1	5186.21	5275.51	5122.82	5194.85	1.48	ppb
Silver	109-1	71.24	71.07	73.35	71.89	1.76	ppb
Silver	107-1	70.17	69.88	72.89	70.98	2.34	ppb
Sodium	23-2	7867.87	7639.79	7531.98	7679.88	2.23	ppb
Strontium	86-1	225.28	222.94	227.27	225.16	0.96	ppb
Strontium	88-1	231.86	227.80	233.56	231.07	1.28	ppb
Sulfur	34-1	-9181.45	-9319.33	-9286.89	-9262.56		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	1900.53	1908.14	1932.16	1913.61	0.86	ppb
Thallium	205-1	1863.01	1888.54	1885.77	1879.11	0.75	ppb
Tin	118-1	644.20	646.95	659.23	650.13	1.23	ppb
Titanium	47-1	198.62	192.88	193.86	195.12	1.57	ppb
Uranium	238-1	1.03	0.98	1.03	1.01	3.00	ppb
Vanadium	51-2	284.82	289.65	283.87	286.11	1.08	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	755.78	763.62	747.62	755.67	1.06	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01A	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:16:33	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.74	0.69	0.77	0.73	5.47	ppb
Zirconium	91-1	0.98	0.98	0.84	0.93	8.67	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3306-01	Instrumnet Name :	P8
Client Sample ID :	390605743-OH-6005	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:20:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	161.22	144.92	142.58	149.57	6.79	ppb
Antimony	121-1	0.18	0.21	0.16	0.18	15.36	ppb
Arsenic	75-1	-0.12	-0.30	-0.26	-0.23		ppb
Barium	135-1	3.00	3.00	2.57	2.86	8.62	ppb
Barium	137-1	2.96	3.08	2.87	2.97	3.48	ppb
Beryllium	9-1	0.55	0.49	0.60	0.55	9.74	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	20.21	19.56	22.19	20.65	6.62	ppb
Boron	11-1	21.07	19.89	20.74	20.57	2.98	ppb
Cadmium	111-1	0.39	0.36	0.08	0.27	62.52	ppb
Cadmium	106-1	-0.04	1.06	-3.01	-0.66		ppb
Cadmium	108-1	0.74	0.59	0.42	0.58	28.06	ppb
Calcium	43-1	10658.35	10652.10	10823.68	10711.38	0.91	ppb
Calcium	44-1	10771.79	10641.43	10905.40	10772.87	1.23	ppb
Chromium	52-2	1.26	0.99	1.05	1.10	12.89	ppb
Cobalt	59-2	29.84	28.63	28.57	29.01	2.46	ppb
Copper	63-2	101.46	100.00	99.95	100.47	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	468.07	460.49	458.83	462.46	1.07	ppb
Iron	57-2	478.74	463.40	460.82	467.65	2.07	ppb
Krypton	83-1						cps
Lead	206-1	10.43	10.48	10.98	10.63	2.88	ppb
Lead	207-1	9.94	9.54	9.68	9.72	2.11	ppb
Lead	208-1	9.95	9.82	9.96	9.91	0.79	ppb
Lithium	6-1				82		%
Magnesium	24-2	1400.45	1389.45	1386.65	1392.18	0.52	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3306-01	Instrumnet Name :	P8
Client Sample ID :	390605743-OH-6005	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:20:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	30.51	30.92	30.37	30.60	0.92	ppb
Molybdenum	94-1	0.08	0.09	0.18	0.12	45.57	ppb
Molybdenum	95-1	0.04	0.01	0.01	0.02	89.84	ppb
Molybdenum	96-1	0.03	0.03	-0.01	0.02	121.48	ppb
Molybdenum	97-1	-0.05	-0.13	-0.14	-0.11		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	13.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.16	21.88	22.04	22.03	0.64	ppb
Phosphorus	31-2	783.71	695.20	742.85	740.58	5.98	ppb
Potassium	39-2	3043.68	2989.45	2992.18	3008.44	1.02	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	3.19	3.18	3.26	3.21	1.42	ppb
Selenium	78-2	0.28	0.83	0.65	0.59	47.68	ppb
Selenium	82-1	1.62	-0.81	1.06	0.62	203.87	ppb
Silicon	28-1	3733.19	3821.18	3729.16	3761.18	1.38	ppb
Silver	109-1	0.04	0.04	0.06	0.05	16.99	ppb
Silver	107-1	0.06	0.03	0.04	0.04	45.50	ppb
Sodium	23-2	4746.92	4645.96	4629.86	4674.25	1.36	ppb
Strontium	86-1	40.04	42.99	40.81	41.28	3.71	ppb
Strontium	88-1	41.92	42.68	41.94	42.18	1.02	ppb
Sulfur	34-1	-9594.15	-9217.55	-8982.76	-9264.82		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.15	0.15	0.13	0.14	9.43	ppb
Thallium	205-1	0.17	0.12	0.15	0.15	19.12	ppb
Tin	118-1	0.60	0.67	0.52	0.59	12.65	ppb
Titanium	47-1	4.11	1.58	1.97	2.55	53.30	ppb
Uranium	238-1	0.70	0.71	0.81	0.74	7.91	ppb
Vanadium	51-2	0.42	0.45	0.41	0.43	4.71	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	298.02	291.16	289.45	292.88	1.55	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3306-01	Instrumnet Name :	P8
Client Sample ID :	390605743-OH-6005	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:20:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.07	0.09	0.07	25.13	ppb
Zirconium	91-1	0.04	0.31	0.13	0.16	87.03	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:24:04	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50076.52	51164.13	52257.18	51165.94	2.13	ppb
Antimony	121-1	475.88	469.93	470.14	471.98	0.72	ppb
Arsenic	75-1	453.63	458.88	455.67	456.06	0.58	ppb
Barium	135-1	2361.77	2343.54	2322.45	2342.59	0.84	ppb
Barium	137-1	2401.48	2338.49	2348.07	2362.68	1.44	ppb
Beryllium	9-1	494.91	493.78	494.25	494.32	0.11	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	487.14	487.69	502.14	492.32	1.73	ppb
Boron	11-1	491.38	498.95	503.48	497.94	1.23	ppb
Cadmium	111-1	450.70	444.96	449.82	448.49	0.69	ppb
Cadmium	106-1	452.69	449.59	450.34	450.87	0.36	ppb
Cadmium	108-1	462.42	444.50	455.38	454.10	1.99	ppb
Calcium	43-1	245031.83	241443.88	242284.30	242920.00	0.77	ppb
Calcium	44-1	242697.91	238499.63	242330.82	241176.12	0.96	ppb
Chromium	52-2	462.36	464.16	463.60	463.37	0.20	ppb
Cobalt	59-2	455.95	456.48	457.41	456.61	0.16	ppb
Copper	63-2	852.83	859.30	851.88	854.67	0.47	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				110		%
Holmium	165-2				112		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	120180.51	120017.90	121161.57	120453.33	0.51	ppb
Iron	57-2	122875.11	122611.17	123752.57	123079.62	0.49	ppb
Krypton	83-1						cps
Lead	206-1	477.37	471.49	464.79	471.22	1.34	ppb
Lead	207-1	472.89	467.65	469.06	469.87	0.58	ppb
Lead	208-1	467.91	461.28	464.00	464.40	0.72	ppb
Lithium	6-1				81		%
Magnesium	24-2	237193.22	234420.70	238866.65	236826.85	0.95	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:24:04	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	918.47	917.91	924.30	920.23	0.38	ppb
Molybdenum	94-1	2317.10	2341.11	2273.15	2310.46	1.49	ppb
Molybdenum	95-1	2306.63	2360.27	2315.05	2327.31	1.24	ppb
Molybdenum	96-1	2290.34	2336.36	2279.77	2302.16	1.31	ppb
Molybdenum	97-1	2331.61	2347.08	2316.85	2331.85	0.65	ppb
Molybdenum	98-1	465.42	474.25	463.31	467.66	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	455.81	461.42	458.81	458.68	0.61	ppb
Phosphorus	31-2	9226.29	9097.26	9385.48	9236.34	1.56	ppb
Potassium	39-2	121574.67	120578.65	122672.70	121608.67	0.86	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	479.25	462.93	459.30	467.16	2.27	ppb
Selenium	78-2	476.95	468.42	457.98	467.79	2.03	ppb
Selenium	82-1	453.87	454.54	457.26	455.22	0.39	ppb
Silicon	28-1	449.81	482.01	482.40	471.41	3.97	ppb
Silver	109-1	457.38	454.23	456.03	455.88	0.35	ppb
Silver	107-1	450.76	446.04	451.39	449.40	0.65	ppb
Sodium	23-2	223441.50	224310.47	226476.55	224742.84	0.70	ppb
Strontium	86-1	457.75	465.98	450.43	458.05	1.70	ppb
Strontium	88-1	464.94	467.48	464.45	465.62	0.35	ppb
Sulfur	34-1	6703.23	6194.67	6335.57	6411.16	4.10	ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	471.32	469.20	472.09	470.87	0.32	ppb
Thallium	205-1	476.81	468.96	474.12	473.30	0.84	ppb
Tin	118-1	475.71	476.77	469.61	474.03	0.82	ppb
Titanium	47-1	2353.96	2339.07	2348.21	2347.08	0.32	ppb
Uranium	238-1	466.86	470.04	472.73	469.88	0.63	ppb
Vanadium	51-2	467.76	465.00	465.84	466.20	0.30	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	856.03	867.56	860.98	861.53	0.67	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:24:04	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	464.27	477.59	460.54	467.47	1.92	ppb
Zirconium	91-1	455.98	467.21	452.36	458.52	1.69	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:27:43	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	-0.40	1.13	0.24	323.46	ppb
Antimony	121-1	0.13	0.10	0.10	0.11	13.60	ppb
Arsenic	75-1	-0.33	-0.25	-0.44	-0.34		ppb
Barium	135-1	-0.01	-0.03	-0.01	-0.02		ppb
Barium	137-1	0.01	-0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.09	0.07	0.08	0.08	8.03	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	18.93	16.95	16.91	17.60	6.56	ppb
Boron	11-1	18.97	17.44	16.55	17.65	6.95	ppb
Cadmium	111-1	-0.04	-0.16	-0.10	-0.10		ppb
Cadmium	106-1	-0.13	-1.98	-0.89	-1.00		ppb
Cadmium	108-1	0.17	0.00	0.00	0.06	173.21	ppb
Calcium	43-1	5.86	35.19	7.88	16.31	100.42	ppb
Calcium	44-1	-0.24	2.40	-3.12	-0.32		ppb
Chromium	52-2	0.03	0.01	0.09	0.04	93.61	ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.04		ppb
Copper	63-2	0.23	0.25	0.14	0.21	29.75	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				106		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	1.48	1.24	1.15	1.29	13.32	ppb
Iron	57-2	0.65	-0.56	-0.60	-0.17		ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.25	0.25	0.28	14.48	ppb
Lead	207-1	0.24	0.30	0.27	0.27	10.10	ppb
Lead	208-1	0.25	0.26	0.28	0.26	4.90	ppb
Lithium	6-1				85		%
Magnesium	24-2	0.07	-0.56	-0.92	-0.47		ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:27:43	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.13	0.03	0.06	93.85	ppb
Molybdenum	94-1	0.12	0.17	0.07	0.12	41.93	ppb
Molybdenum	95-1	0.07	0.07	0.07	0.07	5.98	ppb
Molybdenum	96-1	0.15	0.09	0.06	0.10	41.88	ppb
Molybdenum	97-1	-0.02	-0.04	-0.05	-0.04		ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	6.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.03	-0.09	-0.07		ppb
Phosphorus	31-2	-55.32	-83.99	-38.24	-59.19		ppb
Potassium	39-2	0.25	8.24	6.29	4.93	84.57	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.59	-0.32	-0.32	-0.01		ppb
Selenium	78-2	0.21	-0.47	0.26	0.00	48919.44	ppb
Selenium	82-1	1.83	1.42	0.23	1.16	71.90	ppb
Silicon	28-1	-52.15	-21.66	-44.09	-39.30		ppb
Silver	109-1	0.11	0.09	0.08	0.09	14.10	ppb
Silver	107-1	0.11	0.06	0.08	0.08	26.63	ppb
Sodium	23-2	69.05	62.64	58.68	63.46	8.24	ppb
Strontium	86-1	0.11	0.03	0.08	0.08	55.83	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.59	ppb
Sulfur	34-1	-5911.13	-5848.34	-5513.94	-5757.80		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.01	-0.01	0.00	191.39	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	18.64	ppb
Tin	118-1	-0.03	-0.03	0.00	-0.02		ppb
Titanium	47-1	0.08	-0.41	-0.22	-0.18		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.02	-0.03	0.00	-0.01		ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	-0.02	-0.01	-0.06	-0.03		ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:27:43	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.01	67.90	ppb
Zirconium	91-1	-0.02	-0.03	0.05	0.00		ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3317-01	Instrumnet Name :	P8
Client Sample ID :	390605742-OH-2067	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:31:31	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	169.79	169.35	168.68	169.27	0.33	ppb
Antimony	121-1	0.06	0.07	0.08	0.07	16.96	ppb
Arsenic	75-1	-0.28	-0.24	-0.37	-0.30		ppb
Barium	135-1	3.59	3.28	3.57	3.48	4.90	ppb
Barium	137-1	3.46	3.76	3.35	3.52	6.04	ppb
Beryllium	9-1	0.55	0.57	0.49	0.54	7.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Boron	10-1	17.00	15.71	15.33	16.02	5.46	ppb
Boron	11-1	15.83	15.80	16.28	15.97	1.66	ppb
Cadmium	111-1	0.31	0.23	0.42	0.32	28.67	ppb
Cadmium	106-1	-0.80	-1.32	0.81	-0.44		ppb
Cadmium	108-1	0.62	0.53	0.35	0.50	27.53	ppb
Calcium	43-1	11572.74	11610.12	11641.99	11608.28	0.30	ppb
Calcium	44-1	11660.11	11606.31	12032.49	11766.30	1.97	ppb
Chromium	52-2	1.26	1.30	1.29	1.28	1.53	ppb
Cobalt	59-2	25.11	24.99	24.90	25.00	0.43	ppb
Copper	63-2	20.61	20.61	20.48	20.56	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	726.79	728.29	726.98	727.35	0.11	ppb
Iron	57-2	741.84	726.60	731.82	733.42	1.06	ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.65	0.66	0.62	9.76	ppb
Lead	207-1	0.60	0.57	0.62	0.60	4.21	ppb
Lead	208-1	0.56	0.60	0.61	0.59	4.19	ppb
Lithium	6-1				80		%
Magnesium	24-2	1436.34	1450.82	1438.25	1441.80	0.55	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3317-01	Instrumnet Name :	P8
Client Sample ID :	390605742-OH-2067	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:31:31	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.95	27.28	27.45	27.56	1.26	ppb
Molybdenum	94-1	0.38	0.26	0.26	0.30	23.00	ppb
Molybdenum	95-1	0.05	-0.01	0.03	0.03	122.61	ppb
Molybdenum	96-1	0.07	0.06	0.05	0.06	9.11	ppb
Molybdenum	97-1	-0.03	-0.01	-0.06	-0.03		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	108.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.57	19.81	20.41	20.26	1.98	ppb
Phosphorus	31-2	808.83	736.82	790.12	778.59	4.80	ppb
Potassium	39-2	3012.30	3038.76	3014.34	3021.80	0.49	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	0.56	1.47	-0.32	0.57	156.11	ppb
Selenium	78-2	0.60	0.65	1.17	0.81	38.99	ppb
Selenium	82-1	0.82	0.02	-0.34	0.17	352.77	ppb
Silicon	28-1	3945.96	3919.42	4008.03	3957.80	1.15	ppb
Silver	109-1	0.06	0.04	0.07	0.06	20.64	ppb
Silver	107-1	0.04	0.06	0.07	0.06	32.19	ppb
Sodium	23-2	4793.20	4780.22	4733.13	4768.85	0.66	ppb
Strontium	86-1	41.32	41.37	43.39	42.02	2.81	ppb
Strontium	88-1	42.93	42.88	42.95	42.92	0.09	ppb
Sulfur	34-1	-3050.45	-4133.30	-3451.86	-3545.21		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.18	0.22	0.26	0.22	16.15	ppb
Thallium	205-1	0.19	0.22	0.21	0.21	5.90	ppb
Tin	118-1	0.34	0.31	0.33	0.32	4.04	ppb
Titanium	47-1	1.90	3.54	2.87	2.77	29.80	ppb
Uranium	238-1	0.68	0.76	0.81	0.75	8.73	ppb
Vanadium	51-2	0.42	0.39	0.47	0.43	9.64	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	296.41	296.18	292.81	295.13	0.68	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3317-01	Instrumnet Name :	P8
Client Sample ID :	390605742-OH-2067	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:31:31	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.15	0.12	0.13	8.79	ppb
Zirconium	91-1	0.12	0.13	0.10	0.11	11.40	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3318-01	Instrumnet Name :	P8
Client Sample ID :	390605741-OH-2001	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:35:20	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	124.66	122.06	119.32	122.02	2.19	ppb
Antimony	121-1	0.08	0.04	0.05	0.06	39.74	ppb
Arsenic	75-1	-0.57	-0.41	-0.52	-0.50		ppb
Barium	135-1	4.35	3.77	4.06	4.06	7.21	ppb
Barium	137-1	3.92	3.72	3.94	3.86	3.16	ppb
Beryllium	9-1	0.52	0.51	0.47	0.50	5.22	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	12.11	11.15	11.11	11.46	4.95	ppb
Boron	11-1	13.26	12.77	12.56	12.86	2.81	ppb
Cadmium	111-1	0.29	0.21	0.16	0.22	29.38	ppb
Cadmium	106-1	0.30	-1.35	-0.94	-0.66		ppb
Cadmium	108-1	0.42	0.25	0.49	0.39	32.50	ppb
Calcium	43-1	11484.78	11722.14	11232.60	11479.84	2.13	ppb
Calcium	44-1	11656.84	11702.18	11586.28	11648.43	0.50	ppb
Chromium	52-2	1.02	1.09	0.99	1.03	4.98	ppb
Cobalt	59-2	12.95	12.99	12.84	12.93	0.60	ppb
Copper	63-2	11.56	11.88	11.45	11.63	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	399.80	405.41	408.31	404.51	1.07	ppb
Iron	57-2	409.71	391.80	409.95	403.82	2.58	ppb
Krypton	83-1						cps
Lead	206-1	1.51	1.70	1.60	1.60	5.98	ppb
Lead	207-1	1.37	1.55	1.35	1.43	7.60	ppb
Lead	208-1	1.46	1.53	1.43	1.47	3.58	ppb
Lithium	6-1				84		%
Magnesium	24-2	1423.46	1423.43	1415.37	1420.75	0.33	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3318-01	Instrumnet Name :	P8
Client Sample ID :	390605741-OH-2001	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:35:20	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	18.33	18.52	17.96	18.27	1.56	ppb
Molybdenum	94-1	0.21	0.23	0.14	0.19	22.75	ppb
Molybdenum	95-1	0.00	0.02	0.01	0.01	129.14	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	46.22	ppb
Molybdenum	97-1	-0.03	-0.09	-0.09	-0.07		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	418.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.02	13.75	13.77	13.85	1.11	ppb
Phosphorus	31-2	557.23	607.73	579.14	581.37	4.36	ppb
Potassium	39-2	2812.49	2876.77	2868.41	2852.56	1.23	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	2.33	1.44	-0.32	1.15	117.07	ppb
Selenium	78-2	0.93	0.43	-0.29	0.36	170.76	ppb
Selenium	82-1	-0.42	0.97	1.63	0.73	143.55	ppb
Silicon	28-1	3845.56	3727.57	3546.54	3706.56	4.06	ppb
Silver	109-1	0.05	0.06	0.01	0.04	63.72	ppb
Silver	107-1	0.04	0.05	0.05	0.05	11.79	ppb
Sodium	23-2	4627.87	4643.31	4664.87	4645.35	0.40	ppb
Strontium	86-1	49.10	47.95	50.19	49.08	2.28	ppb
Strontium	88-1	49.39	49.98	50.10	49.82	0.76	ppb
Sulfur	34-1	-4989.19	-5578.17	-6363.10	-5643.49		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	0.08	0.08	0.05	0.07	22.61	ppb
Thallium	205-1	0.06	0.09	0.07	0.07	17.40	ppb
Tin	118-1	0.41	0.48	0.45	0.45	7.56	ppb
Titanium	47-1	3.02	2.30	1.51	2.28	33.16	ppb
Uranium	238-1	0.65	0.67	0.63	0.65	2.74	ppb
Vanadium	51-2	0.52	0.58	0.58	0.56	6.82	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	173.93	175.20	169.93	173.02	1.59	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3318-01	Instrumnet Name :	P8
Client Sample ID :	390605741-OH-2001	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:35:20	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.10	0.10	0.11	9.74	ppb
Zirconium	91-1	0.03	0.08	0.14	0.08	63.55	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3319-01	Instrumnet Name :	P8
Client Sample ID :	390605740-OH-1044	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:39:06	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	161.34	169.00	188.12	172.82	7.98	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	4.38	ppb
Arsenic	75-1	-0.44	-0.31	-0.39	-0.38		ppb
Barium	135-1	3.19	3.35	2.96	3.16	6.11	ppb
Barium	137-1	3.39	3.63	3.24	3.42	5.81	ppb
Beryllium	9-1	0.49	0.51	0.34	0.44	21.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	10.35	10.02	9.04	9.80	6.95	ppb
Boron	11-1	10.85	10.64	11.04	10.84	1.86	ppb
Cadmium	111-1	0.36	0.32	0.37	0.35	7.97	ppb
Cadmium	106-1	0.36	-1.00	0.41	-0.08		ppb
Cadmium	108-1	1.00	0.42	0.59	0.67	44.18	ppb
Calcium	43-1	10740.53	10796.54	10675.78	10737.62	0.56	ppb
Calcium	44-1	10767.56	10926.23	10888.95	10860.92	0.76	ppb
Chromium	52-2	1.36	1.33	1.44	1.38	4.13	ppb
Cobalt	59-2	21.37	21.52	21.57	21.49	0.48	ppb
Copper	63-2	30.12	29.99	30.23	30.11	0.40	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				110		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	544.30	552.94	555.33	550.86	1.05	ppb
Iron	57-2	546.57	531.62	550.80	543.00	1.86	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.94	0.96	0.95	0.96	ppb
Lead	207-1	0.88	0.92	0.84	0.88	4.48	ppb
Lead	208-1	0.87	0.89	0.88	0.88	1.58	ppb
Lithium	6-1				83		%
Magnesium	24-2	1454.19	1454.96	1458.87	1456.01	0.17	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3319-01	Instrumnet Name :	P8
Client Sample ID :	390605740-OH-1044	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:39:06	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	22.59	22.47	22.00	22.35	1.39	ppb
Molybdenum	94-1	0.21	0.21	0.25	0.23	10.29	ppb
Molybdenum	95-1	-0.03	0.00	0.02	-0.01		ppb
Molybdenum	96-1	-0.01	0.01	0.01	0.00	12558.72	ppb
Molybdenum	97-1	0.00	-0.06	-0.03	-0.03		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.40	23.06	22.26	22.57	1.89	ppb
Phosphorus	31-2	770.72	806.29	777.33	784.78	2.41	ppb
Potassium	39-2	3013.96	3007.04	2996.28	3005.76	0.30	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	1.47	4.92	1.41	2.60	77.34	ppb
Selenium	78-2	0.96	-0.12	0.86	0.57	104.83	ppb
Selenium	82-1	1.30	0.43	0.83	0.85	50.91	ppb
Silicon	28-1	4165.39	3971.69	3888.15	4008.41	3.55	ppb
Silver	109-1	0.02	0.06	0.02	0.03	69.33	ppb
Silver	107-1	0.02	0.03	0.06	0.04	40.31	ppb
Sodium	23-2	4707.34	4762.14	4807.25	4758.91	1.05	ppb
Strontium	86-1	41.91	42.50	43.40	42.61	1.76	ppb
Strontium	88-1	43.61	43.18	44.55	43.78	1.59	ppb
Sulfur	34-1	-5735.78	-4970.79	-5162.66	-5289.74		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.24	0.18	0.23	0.22	13.23	ppb
Thallium	205-1	0.18	0.17	0.20	0.19	8.51	ppb
Tin	118-1	0.44	0.51	0.52	0.49	9.44	ppb
Titanium	47-1	2.03	2.61	1.88	2.17	17.81	ppb
Uranium	238-1	0.70	0.75	0.73	0.73	3.38	ppb
Vanadium	51-2	0.61	0.59	0.59	0.60	1.98	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	326.77	332.19	339.04	332.67	1.85	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3319-01	Instrumnet Name :	P8
Client Sample ID :	390605740-OH-1044	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:39:06	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.14	0.13	0.14	5.74	ppb
Zirconium	91-1	0.17	0.07	0.11	0.12	43.68	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3320-01	Instrumnet Name :	P8
Client Sample ID :	390605739-OH-1039	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:42:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	290.05	291.96	273.81	285.27	3.50	ppb
Antimony	121-1	0.02	0.02	0.04	0.03	30.85	ppb
Arsenic	75-1	-0.42	-0.40	-0.50	-0.44		ppb
Barium	135-1	5.72	5.58	5.62	5.64	1.26	ppb
Barium	137-1	5.40	5.31	5.85	5.52	5.30	ppb
Beryllium	9-1	0.65	0.75	0.85	0.75	13.66	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	9.35	9.34	8.38	9.02	6.17	ppb
Boron	11-1	9.25	9.52	8.64	9.14	4.95	ppb
Cadmium	111-1	0.62	0.35	0.49	0.48	27.71	ppb
Cadmium	106-1	-0.95	-0.79	-0.62	-0.79		ppb
Cadmium	108-1	0.41	0.75	0.80	0.65	32.83	ppb
Calcium	43-1	10484.91	10761.05	9854.09	10366.68	4.48	ppb
Calcium	44-1	10630.02	11086.96	10275.86	10664.28	3.81	ppb
Chromium	52-2	1.29	1.43	1.26	1.32	7.03	ppb
Cobalt	59-2	56.37	55.68	55.97	56.00	0.62	ppb
Copper	63-2	30.62	30.68	30.25	30.52	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				108		%
Iron	56-2	740.56	735.02	730.26	735.28	0.70	ppb
Iron	57-2	750.17	748.14	742.12	746.81	0.56	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.87	0.78	0.86	9.79	ppb
Lead	207-1	0.69	0.75	0.83	0.76	9.13	ppb
Lead	208-1	0.84	0.79	0.74	0.79	6.58	ppb
Lithium	6-1				83		%
Magnesium	24-2	1617.31	1609.80	1648.82	1625.31	1.27	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3320-01	Instrumnet Name :	P8
Client Sample ID :	390605739-OH-1039	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:42:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	52.68	51.04	52.29	52.00	1.65	ppb
Molybdenum	94-1	0.51	0.54	0.73	0.59	20.24	ppb
Molybdenum	95-1	-0.01	0.00	-0.02	-0.01		ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	12.65	ppb
Molybdenum	97-1	0.03	-0.01	-0.13	-0.04		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	51.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.14	30.71	31.47	31.44	2.27	ppb
Phosphorus	31-2	754.01	794.79	811.85	786.89	3.78	ppb
Potassium	39-2	3066.29	3014.64	3067.90	3049.61	0.99	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	2.35	1.46	1.42	1.74	30.40	ppb
Selenium	78-2	1.03	0.38	0.33	0.58	67.07	ppb
Selenium	82-1	0.69	0.89	1.03	0.87	19.87	ppb
Silicon	28-1	3728.70	3809.79	3530.42	3689.64	3.90	ppb
Silver	109-1	0.07	0.05	0.05	0.06	22.10	ppb
Silver	107-1	0.06	0.04	0.03	0.04	31.71	ppb
Sodium	23-2	4653.43	4615.83	4696.98	4655.41	0.87	ppb
Strontium	86-1	41.71	41.16	39.19	40.69	3.26	ppb
Strontium	88-1	42.08	42.45	41.04	41.86	1.75	ppb
Sulfur	34-1	-7048.93	-6053.95	-8074.91	-7059.26		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.23	0.25	0.30	0.26	12.65	ppb
Thallium	205-1	0.23	0.28	0.27	0.26	9.83	ppb
Tin	118-1	0.32	0.27	0.35	0.31	12.55	ppb
Titanium	47-1	5.11	16.67	3.45	8.41	85.60	ppb
Uranium	238-1	0.77	0.77	0.79	0.78	0.99	ppb
Vanadium	51-2	0.59	0.59	0.63	0.60	3.47	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	399.20	391.75	392.21	394.39	1.06	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3320-01	Instrumnet Name :	P8
Client Sample ID :	390605739-OH-1039	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:42:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.30	0.28	0.29	2.56	ppb
Zirconium	91-1	0.21	0.21	0.28	0.23	16.04	ppb

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : K3371-01 Instrumnet Name : P8
 Client Sample ID : 390530740.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 17:46:41 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1865.57	1858.01	1843.18	1855.59	0.61	ppb
Antimony	121-1	0.14	0.19	0.18	0.17	17.30	ppb
Arsenic	75-1	2.51	2.28	2.66	2.48	7.70	ppb
Barium	135-1	46.35	45.28	45.09	45.57	1.49	ppb
Barium	137-1	45.49	47.79	46.92	46.73	2.49	ppb
Beryllium	9-1	0.15	0.11	0.09	0.12	23.72	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	10.20	10.16	12.94	11.10	14.35	ppb
Boron	11-1	12.63	12.42	11.95	12.33	2.82	ppb
Cadmium	111-1	-0.12	0.18	-0.19	-0.04		ppb
Cadmium	106-1	-1.66	2.25	-2.43	-0.61		ppb
Cadmium	108-1	0.17	0.26	0.33	0.25	32.72	ppb
Calcium	43-1	4561.22	4640.68	4864.70	4688.87	3.36	ppb
Calcium	44-1	4682.94	4706.03	4615.45	4668.14	1.01	ppb
Chromium	52-2	3.26	3.07	3.21	3.18	3.19	ppb
Cobalt	59-2	2.08	2.04	2.16	2.09	2.77	ppb
Copper	63-2	109.74	110.13	109.62	109.83	0.24	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				109		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	56-2	22915.85	23126.05	23058.63	23033.51	0.47	ppb
Iron	57-2	22804.10	22869.90	22949.28	22874.43	0.32	ppb
Krypton	83-1						cps
Lead	206-1	9.46	8.82	8.80	9.03	4.15	ppb
Lead	207-1	8.00	8.08	7.97	8.01	0.69	ppb
Lead	208-1	8.49	8.31	8.33	8.38	1.14	ppb
Lithium	6-1				81		%
Magnesium	24-2	1735.45	1755.28	1741.08	1743.94	0.59	ppb

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : K3371-01 Instrumnet Name : P8
 Client Sample ID : 390530740.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 17:46:41 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	342.32	343.55	343.33	343.06	0.19	ppb
Molybdenum	94-1	1.05	1.22	1.90	1.39	32.48	ppb
Molybdenum	95-1	0.36	0.34	0.31	0.33	6.47	ppb
Molybdenum	96-1	0.56	0.42	0.43	0.47	16.70	ppb
Molybdenum	97-1	0.27	0.30	0.12	0.23	40.84	ppb
Molybdenum	98-1	0.06	0.06	0.07	0.06	15.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.00	6.18	5.84	6.01	2.84	ppb
Phosphorus	31-2	154.77	162.21	123.50	146.83	13.99	ppb
Potassium	39-2	4540.06	4618.30	4570.47	4576.28	0.86	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	0.56	1.43	2.29	1.43	60.42	ppb
Selenium	78-2	1.39	0.04	0.65	0.69	97.51	ppb
Selenium	82-1	-0.01	0.60	2.02	0.87	120.01	ppb
Silicon	28-1	13242.14	13211.13	13591.51	13348.26	1.58	ppb
Silver	109-1	0.06	0.06	0.07	0.06	9.84	ppb
Silver	107-1	0.07	0.05	0.05	0.06	21.12	ppb
Sodium	23-2	3824.54	3897.37	3850.92	3857.61	0.96	ppb
Strontium	86-1	36.16	35.46	37.09	36.24	2.25	ppb
Strontium	88-1	37.74	37.42	37.64	37.60	0.43	ppb
Sulfur	34-1	-8284.46	-8163.03	-8111.07	-8186.19		ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.78	0.64	0.74	0.72	9.64	ppb
Titanium	47-1	48.06	49.26	41.06	46.13	9.60	ppb
Uranium	238-1	0.15	0.15	0.17	0.16	7.09	ppb
Vanadium	51-2	3.79	3.65	3.53	3.66	3.56	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	370.54	370.73	371.85	371.04	0.19	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3371-01	Instrumnet Name :	P8
Client Sample ID :	390530740.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:46:41	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.42	0.49	0.47	0.46	8.66	ppb
Zirconium	91-1	0.36	0.44	0.35	0.38	13.66	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:50:28	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51060.38	50860.08	50917.07	50945.84	0.20	ppb
Antimony	121-1	502.79	513.40	500.01	505.40	1.40	ppb
Arsenic	75-1	479.72	479.21	484.89	481.27	0.65	ppb
Barium	135-1	2332.91	2389.66	2323.54	2348.70	1.52	ppb
Barium	137-1	2354.74	2402.10	2327.38	2361.40	1.60	ppb
Beryllium	9-1	498.90	502.11	504.82	501.94	0.59	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	485.38	492.72	501.87	493.32	1.67	ppb
Boron	11-1	490.69	497.68	514.54	500.97	2.45	ppb
Cadmium	111-1	489.65	491.49	487.46	489.54	0.41	ppb
Cadmium	106-1	501.31	505.12	485.22	497.21	2.12	ppb
Cadmium	108-1	496.25	501.70	476.40	491.45	2.71	ppb
Calcium	43-1	249259.46	239723.20	249037.97	246006.88	2.21	ppb
Calcium	44-1	244381.23	235446.76	244786.43	241538.14	2.19	ppb
Chromium	52-2	468.72	460.19	465.79	464.90	0.93	ppb
Cobalt	59-2	459.91	454.27	461.06	458.41	0.79	ppb
Copper	63-2	999.61	995.85	991.00	995.49	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	122457.51	121102.35	121730.57	121763.48	0.56	ppb
Iron	57-2	124320.08	123445.09	125005.03	124256.73	0.63	ppb
Krypton	83-1						cps
Lead	206-1	475.04	478.06	473.62	475.57	0.48	ppb
Lead	207-1	469.57	472.74	473.51	471.94	0.44	ppb
Lead	208-1	465.69	467.36	468.05	467.03	0.26	ppb
Lithium	6-1				81		%
Magnesium	24-2	239342.50	239263.14	239578.37	239394.67	0.07	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:50:28	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	923.85	916.82	919.85	920.17	0.38	ppb
Molybdenum	94-1	2334.99	2340.07	2380.38	2351.82	1.06	ppb
Molybdenum	95-1	2313.56	2331.75	2385.31	2343.54	1.59	ppb
Molybdenum	96-1	2350.80	2324.95	2365.80	2347.18	0.88	ppb
Molybdenum	97-1	2354.90	2288.96	2339.20	2327.69	1.48	ppb
Molybdenum	98-1	467.61	456.37	472.60	465.52	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.44	476.19	483.09	480.24	0.75	ppb
Phosphorus	31-2	9243.61	9330.74	9314.64	9296.33	0.50	ppb
Potassium	39-2	123280.22	120372.06	122360.68	122004.32	1.22	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	502.36	478.44	488.42	489.74	2.45	ppb
Selenium	78-2	496.91	496.54	484.18	492.54	1.47	ppb
Selenium	82-1	504.80	479.57	495.18	493.18	2.58	ppb
Silicon	28-1	447.80	318.75	421.28	395.94	17.21	ppb
Silver	109-1	490.34	496.76	485.83	490.98	1.12	ppb
Silver	107-1	485.29	498.81	479.17	487.76	2.06	ppb
Sodium	23-2	224997.45	224182.20	226606.56	225262.07	0.55	ppb
Strontium	86-1	458.64	461.67	465.91	462.07	0.79	ppb
Strontium	88-1	470.30	468.15	483.07	473.84	1.70	ppb
Sulfur	34-1	7103.65	5601.76	6722.54	6475.98	12.06	ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	466.70	476.85	467.99	470.52	1.17	ppb
Thallium	205-1	469.88	487.08	473.14	476.70	1.92	ppb
Tin	118-1	473.37	483.74	474.65	477.25	1.18	ppb
Titanium	47-1	2342.64	2253.20	2324.84	2306.89	2.05	ppb
Uranium	238-1	469.81	471.48	469.41	470.23	0.23	ppb
Vanadium	51-2	469.35	465.11	470.28	468.25	0.59	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	946.16	930.72	937.06	937.98	0.83	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:50:28	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	478.27	468.50	476.07	474.28	1.08	ppb
Zirconium	91-1	461.78	460.53	465.44	462.58	0.55	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:54:41	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	0.16	1.15	0.48	120.01	ppb
Antimony	121-1	0.08	0.10	0.06	0.08	25.17	ppb
Arsenic	75-1	-0.39	-0.39	-0.47	-0.42		ppb
Barium	135-1	0.00	0.00	-0.05	-0.01		ppb
Barium	137-1	-0.02	0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.11	0.10	0.05	0.09	35.03	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	12.46	11.33	10.91	11.57	6.94	ppb
Boron	11-1	12.18	11.13	11.36	11.56	4.79	ppb
Cadmium	111-1	-0.12	-0.09	-0.07	-0.09		ppb
Cadmium	106-1	-1.11	-0.82	-0.73	-0.89		ppb
Cadmium	108-1	0.16	0.08	0.00	0.08	99.23	ppb
Calcium	43-1	-31.27	-47.53	24.35	-18.15		ppb
Calcium	44-1	-7.21	1.75	-8.72	-4.72		ppb
Chromium	52-2	0.05	0.04	0.03	0.04	20.15	ppb
Cobalt	59-2	-0.03	-0.05	-0.03	-0.04		ppb
Copper	63-2	0.17	0.17	0.20	0.18	11.46	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				107		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	1.38	1.57	1.39	1.45	7.51	ppb
Iron	57-2	-0.16	-1.44	-0.79	-0.80		ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.15	0.12	0.13	15.96	ppb
Lead	207-1	0.11	0.10	0.11	0.11	2.74	ppb
Lead	208-1	0.10	0.11	0.13	0.11	10.48	ppb
Lithium	6-1				84		%
Magnesium	24-2	2.60	2.51	1.56	2.22	25.94	ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:54:41	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.06	0.00	0.02	138.42	ppb
Molybdenum	94-1	0.14	0.02	0.15	0.10	69.84	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	15.37	ppb
Molybdenum	96-1	0.08	0.03	0.04	0.05	57.20	ppb
Molybdenum	97-1	0.01	-0.06	-0.07	-0.04		ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	28.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.08	-0.10	-0.08		ppb
Phosphorus	31-2	-71.78	-48.66	-61.26	-60.57		ppb
Potassium	39-2	-5.84	-10.38	-14.16	-10.13		ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	0.70	1.20	1.37	1.09	32.03	ppb
Selenium	82-1	1.65	-0.53	0.70	0.61	180.63	ppb
Silicon	28-1	-46.57	-14.46	-32.42	-31.15		ppb
Silver	109-1	0.11	0.10	0.08	0.10	15.92	ppb
Silver	107-1	0.09	0.06	0.07	0.07	22.90	ppb
Sodium	23-2	67.76	65.07	63.79	65.54	3.09	ppb
Strontium	86-1	-0.04	-0.02	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	92.84	ppb
Sulfur	34-1	-5302.01	-4635.61	-4730.55	-4889.39		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	-0.06	-0.05	-0.07	-0.06		ppb
Titanium	47-1	0.17	0.23	0.00	0.13	88.69	ppb
Uranium	238-1	-0.03	-0.02	-0.03	-0.03		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	-0.22	-0.14	-0.03	-0.13		ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:54:41	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.01	0.01	126.33	ppb
Zirconium	91-1	-0.04	-0.02	0.00	-0.02		ppb

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:42:18	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97	120	97	104	12.90	cps
Antimony	121-1	25	25	8	19	49.50	cps
Arsenic	75-1	1353	1532	1487	1458	6.40	cps
Barium	135-1	25	50	17	31	56.77	cps
Barium	137-1	42	50	42	44	10.82	cps
Beryllium	9-1	47	47	50	48	4.02	cps
Bismuth	209-1	931247	939808	922940	931332	0.91	cps
Bismuth	209-2	1029237	1029649	1025663	1028183	0.21	cps
Boron	10-1	50	70	60	60	16.67	cps
Boron	11-1	293	290	293	292	0.66	cps
Cadmium	111-1	408	406	441	418	4.72	cps
Cadmium	106-1	558	550	600	569	4.70	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	2659	2375	2709	2581	6.97	cps
Calcium	44-1	15401	15250	15834	15495	1.96	cps
Chromium	52-2	683	637	580	633	8.17	cps
Cobalt	59-2	150	107	123	127	17.25	cps
Copper	63-2	720	603	703	676	9.34	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	17	25	0	14	91.65	cps
Gadolinium	160-2	7	27	7	13	86.58	cps
Holmium	165-1	1536359	1567722	1525460	1543181	1.42	cps
Holmium	165-2	1491379	1484811	1487624	1487938	0.22	cps
Indium	115-1	1495587	1535555	1488466	1506536	1.68	cps
Indium	115-2	545373	543496	542807	543892	0.24	cps
Iron	56-2	2528	2556	2717	2600	3.92	cps
Iron	57-2	178	133	111	141	24.12	cps
Krypton	83-1	323	293	323	313	5.53	cps
Lead	206-1	89	139	178	135	32.96	cps
Lead	207-1	100	133	139	124	16.95	cps
Lead	208-1	456	550	644	550	17.17	cps
Lithium	6-1	308519	306366	305938	306941	0.45	cps
Magnesium	24-2	543	650	610	601	8.96	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:42:18	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	33	43	41	16.89	cps
Molybdenum	94-1	17	75	17	36	93.25	cps
Molybdenum	95-1	50	33	17	33	50.00	cps
Molybdenum	96-1	108	25	92	75	58.80	cps
Molybdenum	97-1	158	175	208	181	14.10	cps
Molybdenum	98-1	33	67	75	58	37.80	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	93	77	87	10.17	cps
Phosphorus	31-2	877	823	867	856	3.31	cps
Potassium	39-2	29968	30864	31104	30645	1.95	cps
Rhodium	103-1	1469211	1475112	1447671	1463998	0.99	cps
Rhodium	103-2	1353064	1339685	1346819	1346523	0.50	cps
Scandium	45-1	1113521	1146923	1120144	1126863	1.57	cps
Scandium	45-2	78709	80361	78796	79288	1.17	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	31	18	24	24	26.74	cps
Selenium	82-1	-107	-38	-80	-75	-46.67	cps
Silicon	28-1	2568444	2628690	2574984	2590706	1.28	cps
Silver	109-1	50	50	75	58	24.74	cps
Silver	107-1	50	92	125	89	42.27	cps
Sodium	23-2	16216	16890	16890	16665	2.34	cps
Strontium	86-1	358	475	325	386	20.40	cps
Strontium	88-1	58	58	58	58	0.00	cps
Sulfur	34-1	259423	262725	262496	261548	0.71	cps
Terbium	159-1	1621478	1663758	1620624	1635286	1.51	cps
Terbium	159-2	1534353	1538032	1535777	1536054	0.12	cps
Thallium	203-1	42	117	58	72	54.52	cps
Thallium	205-1	133	267	142	181	41.37	cps
Tin	118-1	275	267	208	250	14.53	cps
Titanium	47-1	1608	1742	1467	1606	8.57	cps
Uranium	238-1	158	158	133	150	9.62	cps
Vanadium	51-2	57	27	20	34	56.70	cps
Yttrium	89-1	1577300	1648237	1612378	1612638	2.20	cps
Yttrium	89-2	431222	429174	430064	430153	0.24	cps
Zinc	66-2	243	157	173	191	24.06	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:42:18	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	133	92	117	114	18.41	cps
Zirconium	91-1	17	75	58	50	60.09	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:50:21	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	690	687	707	694	1.54	cps
Antimony	121-1	4651	4443	4618	4570	2.45	cps
Arsenic	75-1	2526	2517	2529	2524	0.25	cps
Barium	135-1	4443	4551	4609	4534	1.87	cps
Barium	137-1	8353	8470	7552	8125	6.14	cps
Beryllium	9-1	667	613	613	631	4.88	cps
Bismuth	209-1	930112	941687	942165	937988	0.73	cps
Bismuth	209-2	1029975	1028558	1037704	1032079	0.48	cps
Boron	10-1	1597	1570	1687	1618	3.78	cps
Boron	11-1	7755	7922	8216	7965	2.93	cps
Cadmium	111-1	898	925	1165	996	14.77	cps
Cadmium	106-1	583	567	767	639	17.37	cps
Cadmium	108-1	50	67	54	57	15.23	cps
Calcium	43-1	5943	6118	6268	6110	2.66	cps
Calcium	44-1	71314	71197	70610	71040	0.53	cps
Chromium	52-2	3127	3027	3110	3088	1.74	cps
Cobalt	59-2	2170	2214	2134	2172	1.84	cps
Copper	63-2	3994	3691	3684	3789	4.67	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	0	17	8	100.02	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	17	17	0	11	86.60	cps
Gadolinium	160-2	7	20	7	11	69.25	cps
Holmium	165-1	1540162	1555760	1551241	1549055	0.52	cps
Holmium	165-2	1500042	1502005	1498081	1500043	0.13	cps
Indium	115-1	1503365	1530425	1526798	1520196	0.97	cps
Indium	115-2	541013	544423	551098	545512	0.94	cps
Iron	56-2	54288	54618	55014	54640	0.66	cps
Iron	57-2	1328	1317	1483	1376	6.77	cps
Krypton	83-1	370	320	307	332	10.05	cps
Lead	206-1	1317	1228	1156	1233	6.54	cps
Lead	207-1	1139	1039	1089	1089	4.59	cps
Lead	208-1	5028	5084	4862	4991	2.32	cps
Lithium	6-1	296778	302496	301080	300118	0.99	cps
Magnesium	24-2	39909	40327	40337	40191	0.61	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:50:21	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	610	747	787	714	12.97	cps
Molybdenum	94-1	4351	4668	4201	4406	5.41	cps
Molybdenum	95-1	5093	5101	5334	5176	2.65	cps
Molybdenum	96-1	6043	6085	5901	6010	1.60	cps
Molybdenum	97-1	3309	3484	3059	3284	6.51	cps
Molybdenum	98-1	8094	8895	8428	8472	4.75	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	703	627	620	650	7.12	cps
Phosphorus	31-2	1063	977	1063	1034	4.84	cps
Potassium	39-2	67979	66670	67574	67407	0.99	cps
Rhodium	103-1	1454150	1482682	1405731	1447521	2.69	cps
Rhodium	103-2	1342412	1353137	1357624	1351057	0.58	cps
Scandium	45-1	1128890	1152165	1149239	1143431	1.11	cps
Scandium	45-2	78953	79040	80116	79370	0.82	cps
Selenium	77-2	17	17	3	12	63.01	cps
Selenium	78-2	75	84	82	80	5.88	cps
Selenium	82-1	67	168	192	142	46.59	cps
Silicon	28-1	2654901	2651630	2684055	2663529	0.67	cps
Silver	109-1	2359	2492	2575	2475	4.42	cps
Silver	107-1	2434	2809	2742	2661	7.52	cps
Sodium	23-2	93779	93836	94886	94167	0.66	cps
Strontium	86-1	1208	975	1058	1081	10.94	cps
Strontium	88-1	5293	5860	5585	5579	5.08	cps
Sulfur	34-1	257617	264243	267411	263090	1.90	cps
Terbium	159-1	1643007	1663958	1663333	1656766	0.72	cps
Terbium	159-2	1538774	1537005	1550332	1542037	0.47	cps
Thallium	203-1	1642	1433	1500	1525	6.98	cps
Thallium	205-1	3200	3442	3567	3403	5.48	cps
Tin	118-1	8211	8361	8478	8350	1.60	cps
Titanium	47-1	3159	3301	3459	3306	4.54	cps
Uranium	238-1	3834	3809	4126	3923	4.49	cps
Vanadium	51-2	5211	5211	5241	5221	0.33	cps
Yttrium	89-1	1624483	1642154	1650830	1639156	0.82	cps
Yttrium	89-2	430785	430516	433785	431695	0.42	cps
Zinc	66-2	737	710	770	739	4.07	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:50:21	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3492	3125	3792	3470	9.63	cps
Zirconium	91-1	725	667	817	736	10.27	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 15:54:31 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29056	29487	29390	29311	0.77	cps
Antimony	121-1	127966	127730	128868	128188	0.47	cps
Arsenic	75-1	47089	48165	47993	47749	1.21	cps
Barium	135-1	121956	123529	122286	122590	0.68	cps
Barium	137-1	212204	213102	208800	211369	1.07	cps
Beryllium	9-1	29975	30091	30559	30208	1.02	cps
Bismuth	209-1	943534	945071	954746	947784	0.64	cps
Bismuth	209-2	1054256	1042316	1045943	1047505	0.58	cps
Boron	10-1	3277	3244	3237	3253	0.66	cps
Boron	11-1	15742	16056	15789	15862	1.07	cps
Cadmium	111-1	30106	29858	30891	30285	1.78	cps
Cadmium	106-1	3784	3726	3801	3770	1.05	cps
Cadmium	108-1	2213	2204	2175	2197	0.90	cps
Calcium	43-1	38294	37217	37902	37804	1.44	cps
Calcium	44-1	594152	589504	597226	593627	0.65	cps
Chromium	52-2	63891	63918	65137	64316	1.11	cps
Cobalt	59-2	108868	107194	108420	108161	0.80	cps
Copper	63-2	160576	158877	161011	160155	0.70	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	8	0	3	173.21	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	1570549	1577698	1563932	1570726	0.44	cps
Holmium	165-2	1522893	1519032	1519329	1520418	0.14	cps
Indium	115-1	1525473	1523951	1537459	1528961	0.48	cps
Indium	115-2	551609	553345	548981	551311	0.40	cps
Iron	56-2	2614528	2601468	2607958	2607985	0.25	cps
Iron	57-2	64744	63812	63701	64086	0.89	cps
Krypton	83-1	210	223	280	238	15.63	cps
Lead	206-1	59065	58634	59723	59141	0.93	cps
Lead	207-1	53658	53038	52430	53042	1.16	cps
Lead	208-1	239942	239526	238683	239384	0.27	cps
Lithium	6-1	288714	293222	295512	292482	1.18	cps
Magnesium	24-2	403390	399960	396584	399978	0.85	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:54:31	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63781	63256	63637	63558	0.43	cps
Molybdenum	94-1	215926	214348	215266	215180	0.37	cps
Molybdenum	95-1	265096	264379	266330	265268	0.37	cps
Molybdenum	96-1	287672	289372	292413	289819	0.83	cps
Molybdenum	97-1	161061	165430	164563	163685	1.41	cps
Molybdenum	98-1	416832	420803	421724	419786	0.62	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30594	29264	30346	30068	2.35	cps
Phosphorus	31-2	3864	3517	3694	3692	4.70	cps
Potassium	39-2	233403	228714	229586	230567	1.08	cps
Rhodium	103-1	1470047	1458250	1450485	1459594	0.67	cps
Rhodium	103-2	1328819	1359035	1347896	1345250	1.14	cps
Scandium	45-1	1143896	1148336	1157644	1149959	0.61	cps
Scandium	45-2	80294	79624	80659	80192	0.66	cps
Selenium	77-2	197	167	147	170	14.80	cps
Selenium	78-2	587	574	619	593	3.90	cps
Selenium	82-1	2156	2198	2171	2175	0.98	cps
Silicon	28-1	2729546	2735112	2721108	2728589	0.26	cps
Silver	109-1	133910	131015	133909	132945	1.26	cps
Silver	107-1	139777	140165	140906	140283	0.41	cps
Sodium	23-2	838648	831895	832025	834189	0.46	cps
Strontium	86-1	35346	35046	34628	35007	1.03	cps
Strontium	88-1	297570	295501	300654	297908	0.87	cps
Sulfur	34-1	271895	274595	273465	273318	0.50	cps
Terbium	159-1	1648838	1669413	1666433	1661561	0.67	cps
Terbium	159-2	1559559	1541080	1553391	1551344	0.61	cps
Thallium	203-1	74317	73386	72968	73557	0.94	cps
Thallium	205-1	172719	177019	174011	174583	1.26	cps
Tin	118-1	84047	83166	83895	83703	0.56	cps
Titanium	47-1	84362	86936	87699	86332	2.03	cps
Uranium	238-1	190726	193626	191065	191806	0.83	cps
Vanadium	51-2	51688	51464	50919	51357	0.77	cps
Yttrium	89-1	1671403	1658427	1633688	1654506	1.16	cps
Yttrium	89-2	432433	437747	439336	436505	0.83	cps
Zinc	66-2	27821	26252	26519	26864	3.13	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:54:31	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	182609	175144	178398	178717	2.09	cps
Zirconium	91-1	40043	39316	38889	39416	1.48	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:58:40	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75758	75787	76615	76053	0.64	cps
Antimony	121-1	348866	342389	346067	345774	0.94	cps
Arsenic	75-1	126017	125172	127736	126308	1.03	cps
Barium	135-1	334354	330366	328816	331179	0.86	cps
Barium	137-1	567298	562506	566657	565487	0.46	cps
Beryllium	9-1	81412	78057	80694	80054	2.21	cps
Bismuth	209-1	943444	935798	939024	939422	0.41	cps
Bismuth	209-2	1050027	1040998	1041657	1044227	0.48	cps
Boron	10-1	8483	8466	8426	8458	0.34	cps
Boron	11-1	41536	41717	41770	41675	0.29	cps
Cadmium	111-1	81173	81152	80308	80878	0.61	cps
Cadmium	106-1	9587	9520	9487	9531	0.53	cps
Cadmium	108-1	5693	5722	5918	5778	2.12	cps
Calcium	43-1	96757	97906	97370	97344	0.59	cps
Calcium	44-1	1542572	1544475	1529272	1538773	0.54	cps
Chromium	52-2	171599	168757	169385	169914	0.88	cps
Cobalt	59-2	287357	281895	282931	284061	1.02	cps
Copper	63-2	425557	420470	421409	422479	0.64	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	0	8	17	8	100.02	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Gadolinium	160-2	10	7	30	16	81.11	cps
Holmium	165-1	1578528	1564672	1574441	1572547	0.45	cps
Holmium	165-2	1531615	1516629	1516025	1521423	0.58	cps
Indium	115-1	1514039	1505292	1516884	1512072	0.40	cps
Indium	115-2	542684	537221	545809	541904	0.80	cps
Iron	56-2	6823698	6727584	6730949	6760743	0.81	cps
Iron	57-2	171496	167082	166010	168196	1.73	cps
Krypton	83-1	333	373	340	349	6.14	cps
Lead	206-1	160252	160245	161102	160533	0.31	cps
Lead	207-1	146417	144556	142264	144412	1.44	cps
Lead	208-1	646709	643975	643303	644662	0.28	cps
Lithium	6-1	287452	283393	283885	284910	0.78	cps
Magnesium	24-2	1044448	1025658	1038579	1036228	0.93	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 15:58:40 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	168355	165875	166245	166825	0.80	cps
Molybdenum	94-1	589046	581993	588747	586595	0.68	cps
Molybdenum	95-1	713508	709143	714453	712368	0.40	cps
Molybdenum	96-1	785574	781614	785875	784354	0.30	cps
Molybdenum	97-1	436713	439915	441865	439498	0.59	cps
Molybdenum	98-1	1144255	1146118	1132135	1140836	0.67	cps
Neodymium	150-1	13	33	27	24	41.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	79512	78332	77876	78573	1.07	cps
Phosphorus	31-2	8096	8009	8272	8126	1.65	cps
Potassium	39-2	557590	545050	551571	551403	1.14	cps
Rhodium	103-1	1453266	1452650	1444530	1450149	0.34	cps
Rhodium	103-2	1332812	1320404	1329748	1327655	0.49	cps
Scandium	45-1	1131389	1121105	1135710	1129401	0.66	cps
Scandium	45-2	77532	76818	77790	77380	0.65	cps
Selenium	77-2	403	440	457	433	6.30	cps
Selenium	78-2	1598	1482	1607	1563	4.46	cps
Selenium	82-1	5633	5570	5690	5631	1.06	cps
Silicon	28-1	2823620	2798526	2813367	2811837	0.45	cps
Silver	109-1	365347	358987	360361	361565	0.93	cps
Silver	107-1	377025	374397	378437	376620	0.54	cps
Sodium	23-2	2196181	2096376	2148747	2147101	2.33	cps
Strontium	86-1	91934	92017	92705	92219	0.46	cps
Strontium	88-1	800074	800868	807115	802686	0.48	cps
Sulfur	34-1	288262	286084	285081	286476	0.57	cps
Terbium	159-1	1656442	1655587	1685698	1665909	1.03	cps
Terbium	159-2	1549741	1532559	1545985	1542761	0.59	cps
Thallium	203-1	198838	197497	203682	200005	1.63	cps
Thallium	205-1	474644	473575	479866	476028	0.71	cps
Tin	118-1	223608	223004	224116	223576	0.25	cps
Titanium	47-1	228988	227012	228898	228299	0.49	cps
Uranium	238-1	531272	524578	530052	528634	0.67	cps
Vanadium	51-2	137659	135346	136252	136419	0.85	cps
Yttrium	89-1	1677139	1681137	1634416	1664231	1.56	cps
Yttrium	89-2	429979	427382	430669	429343	0.40	cps
Zinc	66-2	70840	70159	69781	70260	0.76	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 15:58:40	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	477798	486444	483702	482648	0.92	cps
Zirconium	91-1	108076	107498	105447	107007	1.29	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:02:48 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	139159	141341	138913	139804	0.96	cps
Antimony	121-1	646156	647551	639669	644459	0.65	cps
Arsenic	75-1	239940	239482	235621	238348	1.00	cps
Barium	135-1	625708	633488	617089	625429	1.31	cps
Barium	137-1	1072106	1086187	1062012	1073435	1.13	cps
Beryllium	9-1	144149	145345	144699	144731	0.41	cps
Bismuth	209-1	963533	972458	965767	967253	0.48	cps
Bismuth	209-2	1075597	1095111	1082589	1084432	0.91	cps
Boron	10-1	15632	15979	15932	15848	1.19	cps
Boron	11-1	74890	77410	76901	76400	1.74	cps
Cadmium	111-1	151628	153004	152939	152524	0.51	cps
Cadmium	106-1	16878	16294	16953	16708	2.16	cps
Cadmium	108-1	10980	11042	10825	10949	1.02	cps
Calcium	43-1	178175	180218	178546	178979	0.61	cps
Calcium	44-1	2832666	2847520	2770415	2816867	1.45	cps
Chromium	52-2	309944	311363	309767	310358	0.28	cps
Cobalt	59-2	525743	526159	525652	525852	0.05	cps
Copper	63-2	778999	787106	769796	778634	1.11	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	0	0	8	3	173.21	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	25	42	0	22	94.38	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	1633688	1632319	1606188	1624065	0.95	cps
Holmium	165-2	1560392	1580062	1580701	1573718	0.73	cps
Indium	115-1	1544930	1560339	1546377	1550549	0.55	cps
Indium	115-2	555589	554752	550508	553616	0.49	cps
Iron	56-2	12195976	12533723	12346247	12358649	1.37	cps
Iron	57-2	310145	314191	310267	311534	0.74	cps
Krypton	83-1	303	330	297	310	5.69	cps
Lead	206-1	302054	301325	300252	301210	0.30	cps
Lead	207-1	272700	272767	271791	272419	0.20	cps
Lead	208-1	1215378	1222526	1204675	1214193	0.74	cps
Lithium	6-1	281626	284987	283458	283357	0.59	cps
Magnesium	24-2	1920915	1924776	1916392	1920695	0.22	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:02:48	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	304585	308728	304500	305938	0.79	cps
Molybdenum	94-1	1103064	1114394	1105988	1107815	0.53	cps
Molybdenum	95-1	1339600	1359410	1344442	1347817	0.77	cps
Molybdenum	96-1	1488085	1496914	1487177	1490725	0.36	cps
Molybdenum	97-1	831645	834129	829597	831791	0.27	cps
Molybdenum	98-1	2109588	2142937	2107212	2119912	0.94	cps
Neodymium	150-1	53	20	33	36	47.19	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	145396	146214	145747	145786	0.28	cps
Phosphorus	31-2	13480	13830	13657	13656	1.28	cps
Potassium	39-2	984319	988275	980380	984325	0.40	cps
Rhodium	103-1	1465651	1480228	1456624	1467501	0.81	cps
Rhodium	103-2	1351374	1364861	1340507	1352247	0.90	cps
Scandium	45-1	1150251	1159605	1129423	1146426	1.35	cps
Scandium	45-2	78011	78394	78323	78243	0.26	cps
Selenium	77-2	823	870	833	842	2.92	cps
Selenium	78-2	2850	2908	2869	2875	1.03	cps
Selenium	82-1	10811	10793	10782	10795	0.14	cps
Silicon	28-1	2904468	2947186	2944952	2932202	0.82	cps
Silver	109-1	679385	668555	673982	673974	0.80	cps
Silver	107-1	696931	707585	703716	702744	0.77	cps
Sodium	23-2	3891648	3878311	3861750	3877237	0.39	cps
Strontium	86-1	175733	175210	172627	174523	0.95	cps
Strontium	88-1	1484923	1487971	1493742	1488879	0.30	cps
Sulfur	34-1	292921	297199	289553	293224	1.31	cps
Terbium	159-1	1753410	1711448	1719763	1728207	1.29	cps
Terbium	159-2	1599848	1602661	1611073	1604527	0.36	cps
Thallium	203-1	375353	378827	375931	376704	0.49	cps
Thallium	205-1	898008	907757	891619	899128	0.90	cps
Tin	118-1	422854	425029	419454	422446	0.67	cps
Titanium	47-1	426750	432422	416814	425328	1.86	cps
Uranium	238-1	1001581	1016140	1006758	1008160	0.73	cps
Vanadium	51-2	253812	252950	249689	252151	0.86	cps
Yttrium	89-1	1733082	1693616	1690863	1705854	1.38	cps
Yttrium	89-2	440386	440269	436513	439056	0.50	cps
Zinc	66-2	130006	129565	129057	129543	0.37	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:02:48	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	914281	910764	898767	907937	0.90	cps
Zirconium	91-1	203622	201106	201614	202114	0.66	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:06:51	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273980	279819	279997	277932	1.23	cps
Antimony	121-1	1339163	1342551	1332764	1338159	0.37	cps
Arsenic	75-1	488123	482927	481504	484185	0.72	cps
Barium	135-1	1280393	1295749	1288365	1288169	0.60	cps
Barium	137-1	2188552	2209359	2195332	2197748	0.48	cps
Beryllium	9-1	287782	289146	289740	288889	0.35	cps
Bismuth	209-1	960222	978581	982866	973889	1.24	cps
Bismuth	209-2	1080156	1104383	1101069	1095203	1.20	cps
Boron	10-1	30749	30850	32500	31366	3.13	cps
Boron	11-1	150597	153361	154631	152863	1.35	cps
Cadmium	111-1	306414	309971	306953	307779	0.62	cps
Cadmium	106-1	33935	32815	32890	33213	1.88	cps
Cadmium	108-1	23604	22807	22819	23077	1.98	cps
Calcium	43-1	350113	356580	355343	354012	0.97	cps
Calcium	44-1	5572011	5606210	5578214	5585479	0.33	cps
Chromium	52-2	618341	631110	637309	628920	1.54	cps
Cobalt	59-2	1044166	1065494	1065434	1058365	1.16	cps
Copper	63-2	1574494	1606789	1564023	1581769	1.41	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	17	3	7	9	78.08	cps
Gadolinium	160-1	33	25	8	22	57.29	cps
Gadolinium	160-2	17	20	30	22	31.22	cps
Holmium	165-1	1638196	1624974	1629739	1630970	0.41	cps
Holmium	165-2	1574452	1601904	1597895	1591417	0.93	cps
Indium	115-1	1537631	1529569	1525953	1531051	0.39	cps
Indium	115-2	540133	544467	550175	544925	0.92	cps
Iron	56-2	24723112	25095703	25644813	25154543	1.84	cps
Iron	57-2	621926	632385	635277	629863	1.12	cps
Krypton	83-1	263	253	320	279	12.89	cps
Lead	206-1	615827	627929	631973	625243	1.34	cps
Lead	207-1	555862	567065	565374	562767	1.07	cps
Lead	208-1	2496551	2535313	2533341	2521735	0.87	cps
Lithium	6-1	276919	275668	279350	277313	0.68	cps
Magnesium	24-2	3689853	3763313	3767492	3740220	1.17	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:06:51	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	612674	629968	629182	623941	1.57	cps
Molybdenum	94-1	2252573	2204918	2206707	2221399	1.22	cps
Molybdenum	95-1	2710190	2714327	2724998	2716505	0.28	cps
Molybdenum	96-1	3027808	2999289	2969950	2999016	0.96	cps
Molybdenum	97-1	1664504	1700176	1646668	1670449	1.63	cps
Molybdenum	98-1	4335533	4333809	4333776	4334373	0.02	cps
Neodymium	150-1	67	60	53	60	11.12	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	287544	291417	290896	289952	0.72	cps
Phosphorus	31-2	26358	26992	26548	26633	1.22	cps
Potassium	39-2	1934359	1957592	1973667	1955206	1.01	cps
Rhodium	103-1	1452963	1456733	1437492	1449063	0.70	cps
Rhodium	103-2	1319827	1343482	1353683	1338997	1.30	cps
Scandium	45-1	1134410	1117854	1110358	1120874	1.10	cps
Scandium	45-2	75045	77147	76433	76208	1.40	cps
Selenium	77-2	1807	1683	1693	1728	3.97	cps
Selenium	78-2	5538	5716	5844	5699	2.70	cps
Selenium	82-1	22309	22093	21957	22120	0.80	cps
Silicon	28-1	3167221	3190360	3192046	3183209	0.44	cps
Silver	109-1	1379647	1368646	1379153	1375816	0.45	cps
Silver	107-1	1440757	1433642	1422717	1432372	0.63	cps
Sodium	23-2	7537169	7700278	7715233	7650893	1.29	cps
Strontium	86-1	360237	356214	356946	357799	0.60	cps
Strontium	88-1	3080476	3058172	3048484	3062377	0.54	cps
Sulfur	34-1	321315	326274	321266	322951	0.89	cps
Terbium	159-1	1737244	1716576	1735227	1729682	0.66	cps
Terbium	159-2	1607314	1627890	1646203	1627136	1.20	cps
Thallium	203-1	778431	782287	792921	784546	0.96	cps
Thallium	205-1	1848078	1882347	1891335	1873920	1.22	cps
Tin	118-1	873102	860139	871496	868246	0.81	cps
Titanium	47-1	854763	853785	844775	851108	0.65	cps
Uranium	238-1	2065803	2155145	2138134	2119694	2.24	cps
Vanadium	51-2	503271	511241	514120	509544	1.10	cps
Yttrium	89-1	1711322	1688860	1660157	1686780	1.52	cps
Yttrium	89-2	428550	437685	442666	436300	1.64	cps
Zinc	66-2	261947	265998	264693	264213	0.78	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:06:51	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1857669	1847152	1818823	1841214	1.09	cps
Zirconium	91-1	412502	413299	411319	412373	0.24	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:10:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	576805	576752	579851	577802	0.31	cps
Antimony	121-1	2866355	2838209	2885999	2863521	0.84	cps
Arsenic	75-1	1035078	1044457	1038564	1039366	0.46	cps
Barium	135-1	2809650	2774306	2788315	2790757	0.64	cps
Barium	137-1	4772092	4744272	4770926	4762430	0.33	cps
Beryllium	9-1	608233	604739	608697	607223	0.36	cps
Bismuth	209-1	994415	985377	992445	990746	0.48	cps
Bismuth	209-2	1083789	1098235	1105532	1095852	1.01	cps
Boron	10-1	65887	65964	67785	66545	1.61	cps
Boron	11-1	321002	315426	321640	319356	1.07	cps
Cadmium	111-1	693051	689504	696838	693131	0.53	cps
Cadmium	106-1	74371	73768	73006	73715	0.93	cps
Cadmium	108-1	51552	51188	51297	51346	0.36	cps
Calcium	43-1	754132	754070	750941	753048	0.24	cps
Calcium	44-1	11896558	11869132	11874083	11879925	0.12	cps
Chromium	52-2	1327170	1357227	1318866	1334421	1.51	cps
Cobalt	59-2	2200067	2282292	2259857	2247406	1.89	cps
Copper	63-2	3524861	3546560	3534030	3535150	0.31	cps
Dysprosium	156-1	42	8	25	25	66.68	cps
Dysprosium	156-2	10	20	7	12	56.76	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	75	17	17	36	93.25	cps
Gadolinium	160-2	27	17	30	24	28.38	cps
Holmium	165-1	1660770	1659889	1663679	1661446	0.12	cps
Holmium	165-2	1603349	1623957	1616461	1614589	0.65	cps
Indium	115-1	1528219	1510319	1533664	1524067	0.80	cps
Indium	115-2	525653	534502	527046	529067	0.90	cps
Iron	56-2	52526379	53384626	52405310	52772105	1.01	cps
Iron	57-2	1320304	1333599	1323584	1325829	0.52	cps
Krypton	83-1	297	280	287	288	2.91	cps
Lead	206-1	1365083	1341130	1366048	1357420	1.04	cps
Lead	207-1	1231139	1213866	1227177	1224061	0.74	cps
Lead	208-1	5610007	5534703	5574890	5573200	0.68	cps
Lithium	6-1	270742	266738	267415	268299	0.80	cps
Magnesium	24-2	7673825	7661809	7728872	7688169	0.47	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:10:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1311480	1323786	1318218	1317828	0.47	cps
Molybdenum	94-1	4759863	4755289	4827824	4780992	0.85	cps
Molybdenum	95-1	5900931	5817990	5868598	5862506	0.71	cps
Molybdenum	96-1	6475731	6471636	6504796	6484054	0.28	cps
Molybdenum	97-1	3592768	3547937	3609137	3583281	0.88	cps
Molybdenum	98-1	9171035	9283732	9256187	9236984	0.64	cps
Neodymium	150-1	147	160	167	158	6.45	cps
Neodymium	150-2	23	30	30	28	13.86	cps
Nickel	60-2	605653	604804	604285	604914	0.11	cps
Phosphorus	31-2	55963	56087	56455	56168	0.46	cps
Potassium	39-2	3989285	4047354	4062731	4033123	0.96	cps
Rhodium	103-1	1444350	1432120	1447015	1441162	0.55	cps
Rhodium	103-2	1305660	1328527	1321306	1318498	0.89	cps
Scandium	45-1	1116907	1103561	1112183	1110884	0.61	cps
Scandium	45-2	75390	76644	76664	76233	0.96	cps
Selenium	77-2	3641	3420	3704	3588	4.15	cps
Selenium	78-2	12205	12054	12131	12130	0.62	cps
Selenium	82-1	48104	47162	47942	47736	1.06	cps
Silicon	28-1	3698939	3668389	3688018	3685115	0.42	cps
Silver	109-1	2994941	2950045	3008130	2984372	1.02	cps
Silver	107-1	3169071	3134208	3196630	3166636	0.99	cps
Sodium	23-2	15740278	15840392	15969523	15850064	0.73	cps
Strontium	86-1	771093	763198	762046	765446	0.64	cps
Strontium	88-1	6393526	6512454	6488363	6464781	0.97	cps
Sulfur	34-1	428947	427003	430736	428895	0.44	cps
Terbium	159-1	1815832	1777909	1816251	1803331	1.22	cps
Terbium	159-2	1616949	1637592	1632274	1628939	0.66	cps
Thallium	203-1	1709213	1698685	1701984	1703294	0.32	cps
Thallium	205-1	4074559	4052287	4028149	4051665	0.57	cps
Tin	118-1	1835508	1820812	1863536	1839952	1.18	cps
Titanium	47-1	1785814	1805752	1805292	1798953	0.63	cps
Uranium	238-1	4745503	4688722	4683644	4705956	0.73	cps
Vanadium	51-2	1078413	1085657	1090222	1084764	0.55	cps
Yttrium	89-1	1697230	1701162	1697685	1698692	0.13	cps
Yttrium	89-2	434582	434550	437550	435560	0.40	cps
Zinc	66-2	604685	608594	601982	605087	0.55	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:10:47	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3959496	3933766	4042342	3978535	1.43	cps
Zirconium	91-1	906384	892399	915530	904771	1.29	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:14:38	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2944815	2991306	3061537	2999219	1.96	cps
Antimony	121-1	3050	2884	3309	3081	6.95	cps
Arsenic	75-1	3722	3478	3005	3402	10.71	cps
Barium	135-1	342	367	458	389	15.80	cps
Barium	137-1	633	667	708	669	5.61	cps
Beryllium	9-1	250	193	197	213	14.91	cps
Bismuth	209-1	917086	912516	922766	917456	0.56	cps
Bismuth	209-2	994762	1005394	1004816	1001657	0.60	cps
Boron	10-1	2907	2774	2607	2763	5.44	cps
Boron	11-1	12849	13250	11972	12690	5.15	cps
Cadmium	111-1	385	420	506	437	14.26	cps
Cadmium	106-1	475	542	567	528	8.98	cps
Cadmium	108-1	21	13	17	17	24.99	cps
Calcium	43-1	3455632	3487032	3543011	3495225	1.27	cps
Calcium	44-1	56111043	56230068	56987364	56442825	0.84	cps
Chromium	52-2	19080	19677	19861	19539	2.09	cps
Cobalt	59-2	26395	25874	26175	26148	1.00	cps
Copper	63-2	5818	5564	5738	5707	2.27	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	13	13	23	17	34.65	cps
Erbium	164-1	50	0	0	17	173.21	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	25	17	58	33	66.14	cps
Gadolinium	160-2	33	40	13	29	48.05	cps
Holmium	165-1	1618639	1612789	1641992	1624474	0.95	cps
Holmium	165-2	1551436	1558504	1556200	1555380	0.23	cps
Indium	115-1	1492214	1508430	1517511	1506052	0.85	cps
Indium	115-2	542040	546108	548615	545588	0.61	cps
Iron	56-2	251873245	254358211	257585161	254605539	1.12	cps
Iron	57-2	6301448	6266495	6383900	6317281	0.95	cps
Krypton	83-1	323	367	277	322	13.97	cps
Lead	206-1	3000	3156	3084	3080	2.53	cps
Lead	207-1	2517	2628	2789	2645	5.18	cps
Lead	208-1	11914	11908	12347	12056	2.09	cps
Lithium	6-1	259394	261819	265338	262184	1.14	cps
Magnesium	24-2	37598776	38223202	38572466	38131481	1.29	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:14:38	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5208	5171	5088	5155	1.19	cps
Molybdenum	94-1	1984	2150	2134	2089	4.39	cps
Molybdenum	95-1	2959	3125	3200	3095	4.00	cps
Molybdenum	96-1	3842	3717	3876	3812	2.19	cps
Molybdenum	97-1	1884	2317	1867	2022	12.62	cps
Molybdenum	98-1	4743	5068	4851	4887	3.39	cps
Neodymium	150-1	53	73	40	56	30.21	cps
Neodymium	150-2	27	20	27	24	15.75	cps
Nickel	60-2	10147	10668	10317	10377	2.56	cps
Phosphorus	31-2	967	853	970	930	7.14	cps
Potassium	39-2	19358013	19516212	20037709	19637311	1.81	cps
Rhodium	103-1	1383380	1402857	1411080	1399106	1.02	cps
Rhodium	103-2	1275816	1284160	1287564	1282513	0.47	cps
Scandium	45-1	1131981	1135229	1158974	1142061	1.29	cps
Scandium	45-2	79094	79681	81588	80121	1.63	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	30	28	43	34	24.19	cps
Selenium	82-1	-44	-69	15	-33	-130.79	cps
Silicon	28-1	2602678	2650643	2677133	2643485	1.43	cps
Silver	109-1	1033	1025	1083	1047	3.01	cps
Silver	107-1	1233	1025	1242	1167	10.52	cps
Sodium	23-2	82403474	83618600	84666302	83562792	1.36	cps
Strontium	86-1	3534	3175	3384	3364	5.35	cps
Strontium	88-1	27186	26601	26627	26805	1.23	cps
Sulfur	34-1	226665	227366	229272	227768	0.59	cps
Terbium	159-1	1712732	1722878	1710593	1715401	0.38	cps
Terbium	159-2	1566208	1574470	1589739	1576805	0.76	cps
Thallium	203-1	400	408	350	386	8.17	cps
Thallium	205-1	775	783	800	786	1.62	cps
Tin	118-1	1208	1150	1242	1200	3.87	cps
Titanium	47-1	1967	1809	1800	1859	5.05	cps
Uranium	238-1	292	367	258	306	18.16	cps
Vanadium	51-2	193	213	200	202	5.04	cps
Yttrium	89-1	1682941	1685288	1686038	1684756	0.10	cps
Yttrium	89-2	443739	443332	452002	446358	1.10	cps
Zinc	66-2	7032	7505	7952	7497	6.14	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:14:38	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1108	1442	1058	1203	17.33	cps
Zirconium	91-1	233	233	325	264	20.06	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:23:52 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14631	14150	13920	14234	2.55	cps
Antimony	121-1	510474	521263	518098	516612	1.07	cps
Arsenic	75-1	199102	199746	199298	199382	0.17	cps
Barium	135-1	49569	51476	51157	50734	2.01	cps
Barium	137-1	88949	87060	88277	88095	1.09	cps
Beryllium	9-1	55781	55982	56909	56224	1.07	cps
Bismuth	209-1	942293	934616	937999	938303	0.41	cps
Bismuth	209-2	1064907	1033376	1041282	1046522	1.57	cps
Boron	10-1	673	657	687	672	2.24	cps
Boron	11-1	3767	3600	3457	3608	4.30	cps
Cadmium	111-1	62317	61668	61333	61773	0.81	cps
Cadmium	106-1	6460	5926	6093	6160	4.43	cps
Cadmium	108-1	4117	3942	4284	4115	4.15	cps
Calcium	43-1	17620	17570	17236	17475	1.19	cps
Calcium	44-1	260457	253868	258358	257561	1.31	cps
Chromium	52-2	131955	131023	133045	132008	0.77	cps
Cobalt	59-2	226234	227875	227340	227150	0.37	cps
Copper	63-2	171235	170708	173513	171819	0.87	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	10	7	17	11	45.82	cps
Gadolinium	160-1	25	0	8	11	114.58	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	1575170	1579164	1577292	1577209	0.13	cps
Holmium	165-2	1557305	1550574	1549806	1552562	0.27	cps
Indium	115-1	1571605	1566399	1606826	1581610	1.39	cps
Indium	115-2	579832	571621	578089	576514	0.75	cps
Iron	56-2	1060318	1057749	1073841	1063969	0.81	cps
Iron	57-2	26141	26837	26726	26568	1.41	cps
Krypton	83-1	303	337	330	323	5.45	cps
Lead	206-1	258777	261099	263747	261208	0.95	cps
Lead	207-1	224915	224525	228889	226109	1.07	cps
Lead	208-1	1017301	1026749	1034847	1026299	0.86	cps
Lithium	6-1	274258	273580	276908	274915	0.64	cps
Magnesium	24-2	97739	96010	97688	97146	1.01	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:23:52	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	66132	65559	66005	65899	0.46	cps
Molybdenum	94-1	200	133	158	164	20.55	cps
Molybdenum	95-1	133	200	158	164	20.55	cps
Molybdenum	96-1	292	317	283	297	5.84	cps
Molybdenum	97-1	275	242	300	272	10.75	cps
Molybdenum	98-1	267	258	292	272	6.37	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	62942	62914	62650	62835	0.26	cps
Phosphorus	31-2	873	727	910	837	11.60	cps
Potassium	39-2	194442	193865	195886	194731	0.53	cps
Rhodium	103-1	1512967	1518042	1509793	1513601	0.27	cps
Rhodium	103-2	1418683	1396179	1406399	1407087	0.80	cps
Scandium	45-1	1164603	1156319	1164693	1161872	0.41	cps
Scandium	45-2	82825	80683	82336	81948	1.37	cps
Selenium	77-2	753	683	677	704	6.03	cps
Selenium	78-2	2489	2428	2430	2449	1.42	cps
Selenium	82-1	8858	8943	9091	8964	1.31	cps
Silicon	28-1	2668057	2701300	2710087	2693148	0.82	cps
Silver	109-1	279868	279305	285474	281549	1.21	cps
Silver	107-1	291691	292185	292665	292180	0.17	cps
Sodium	23-2	352547	348328	352775	351217	0.71	cps
Strontium	86-1	2234	2250	2059	2181	4.87	cps
Strontium	88-1	13791	14500	14667	14319	3.25	cps
Sulfur	34-1	220375	225175	224810	223454	1.20	cps
Terbium	159-1	1708364	1666091	1688067	1687507	1.25	cps
Terbium	159-2	1605744	1577073	1598196	1593671	0.93	cps
Thallium	203-1	305964	309535	305186	306895	0.76	cps
Thallium	205-1	729021	733850	738112	733661	0.62	cps
Tin	118-1	242	225	175	214	16.22	cps
Titanium	47-1	1625	1758	1784	1722	4.94	cps
Uranium	238-1	33	50	42	42	20.00	cps
Vanadium	51-2	106219	104177	106877	105758	1.33	cps
Yttrium	89-1	1727974	1726332	1734339	1729549	0.24	cps
Yttrium	89-2	456545	455700	458076	456774	0.26	cps
Zinc	66-2	57130	57944	57910	57661	0.80	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:23:52	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	200	133	133	156	24.74	cps
Zirconium	91-1	150	58	100	103	44.66	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:27:41 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	100	87	99	11.84	cps
Antimony	121-1	67	133	83	94	36.73	cps
Arsenic	75-1	1304	1059	1119	1161	11.01	cps
Barium	135-1	25	17	17	19	24.73	cps
Barium	137-1	0	8	8	6	86.60	cps
Beryllium	9-1	43	53	70	56	24.25	cps
Bismuth	209-1	930348	930707	933708	931588	0.20	cps
Bismuth	209-2	1041735	1021680	1043635	1035683	1.17	cps
Boron	10-1	503	480	547	510	6.63	cps
Boron	11-1	2487	2477	2510	2491	0.69	cps
Cadmium	111-1	424	370	306	367	16.15	cps
Cadmium	106-1	600	533	425	519	17.00	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	2675	2709	2684	2689	0.65	cps
Calcium	44-1	15809	15609	15259	15559	1.79	cps
Chromium	52-2	673	693	770	712	7.16	cps
Cobalt	59-2	67	43	47	52	24.17	cps
Copper	63-2	900	953	887	913	3.86	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	33	0	17	17	99.99	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Holmium	165-1	1551638	1552931	1586012	1563527	1.25	cps
Holmium	165-2	1522105	1516329	1534124	1524186	0.60	cps
Indium	115-1	1565861	1550864	1574888	1563871	0.78	cps
Indium	115-2	573602	564954	566342	568299	0.82	cps
Iron	56-2	2284	2211	2178	2224	2.43	cps
Iron	57-2	89	67	122	93	30.20	cps
Krypton	83-1	293	323	347	321	8.33	cps
Lead	206-1	178	178	167	174	3.68	cps
Lead	207-1	217	250	167	211	19.87	cps
Lead	208-1	806	861	833	833	3.33	cps
Lithium	6-1	268723	267620	272288	269543	0.91	cps
Magnesium	24-2	490	487	490	489	0.39	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:27:41	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	33	30	32	5.97	cps
Molybdenum	94-1	50	50	133	78	61.86	cps
Molybdenum	95-1	17	50	50	39	49.48	cps
Molybdenum	96-1	50	42	83	58	37.80	cps
Molybdenum	97-1	167	150	100	139	24.98	cps
Molybdenum	98-1	67	83	92	81	15.80	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	43	47	48	10.66	cps
Phosphorus	31-2	827	797	863	829	4.03	cps
Potassium	39-2	30486	31037	30690	30738	0.91	cps
Rhodium	103-1	1496508	1484362	1532756	1504542	1.67	cps
Rhodium	103-2	1408399	1381995	1389995	1393463	0.97	cps
Scandium	45-1	1138887	1135826	1168906	1147873	1.59	cps
Scandium	45-2	81672	80974	80633	81093	0.65	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	25	33	37	32	19.30	cps
Selenium	82-1	-37	-74	-87	-66	-39.95	cps
Silicon	28-1	2666411	2646015	2641427	2651284	0.50	cps
Silver	109-1	367	258	375	333	19.53	cps
Silver	107-1	308	283	275	289	6.01	cps
Sodium	23-2	23880	24301	24050	24077	0.88	cps
Strontium	86-1	333	442	333	369	16.93	cps
Strontium	88-1	50	33	25	36	35.25	cps
Sulfur	34-1	219909	224938	222001	222283	1.14	cps
Terbium	159-1	1651436	1651305	1684227	1662323	1.14	cps
Terbium	159-2	1572641	1555839	1584585	1571022	0.92	cps
Thallium	203-1	42	58	67	56	22.91	cps
Thallium	205-1	142	125	100	122	17.16	cps
Tin	118-1	150	183	167	167	10.00	cps
Titanium	47-1	1442	1642	1734	1606	9.29	cps
Uranium	238-1	17	17	17	17	0.00	cps
Vanadium	51-2	10	27	23	20	44.10	cps
Yttrium	89-1	1696156	1704304	1728542	1709667	0.99	cps
Yttrium	89-2	454097	444459	450748	449768	1.09	cps
Zinc	66-2	107	123	147	126	16.00	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:27:41	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	175	92	158	142	31.13	cps
Zirconium	91-1	33	50	42	42	20.00	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:31:31 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2404984	2478196	2430850	2438010	1.52	cps
Antimony	121-1	3067	3459	3050	3192	7.24	cps
Arsenic	75-1	2418	2593	2529	2513	3.51	cps
Barium	135-1	708	750	883	781	11.71	cps
Barium	137-1	1317	1533	1200	1350	12.53	cps
Beryllium	9-1	213	160	187	187	14.29	cps
Bismuth	209-1	966641	956092	954191	958975	0.70	cps
Bismuth	209-2	1057990	1065833	1066298	1063374	0.44	cps
Boron	10-1	450	437	467	451	3.33	cps
Boron	11-1	2230	2320	2074	2208	5.65	cps
Cadmium	111-1	576	618	717	637	11.34	cps
Cadmium	106-1	483	633	608	575	13.98	cps
Cadmium	108-1	417	458	442	439	4.78	cps
Calcium	43-1	694180	674139	685456	684591	1.47	cps
Calcium	44-1	11012483	10777886	10865937	10885435	1.09	cps
Chromium	52-2	24855	25747	24946	25183	1.95	cps
Cobalt	59-2	2340	2447	2617	2468	5.66	cps
Copper	63-2	12979	13513	13567	13353	2.43	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	17	0	25	14	91.65	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	3	23	23	17	69.30	cps
Holmium	165-1	1660487	1662995	1645678	1656386	0.56	cps
Holmium	165-2	1589059	1621963	1606345	1605789	1.02	cps
Indium	115-1	1572164	1551482	1594321	1572656	1.36	cps
Indium	115-2	560246	566269	565748	564088	0.59	cps
Iron	56-2	95483860	97493066	96674049	96550325	1.05	cps
Iron	57-2	2491482	2485455	2463033	2479990	0.60	cps
Krypton	83-1	277	317	287	293	7.10	cps
Lead	206-1	5796	5724	6013	5844	2.57	cps
Lead	207-1	4206	4273	4306	4262	1.20	cps
Lead	208-1	20785	20585	20835	20735	0.64	cps
Lithium	6-1	259134	258310	255749	257731	0.68	cps
Magnesium	24-2	6964690	7097287	6991882	7017953	1.00	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:31:31 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4694	5081	4838	4871	4.01	cps
Molybdenum	94-1	1217276	1206560	1217889	1213908	0.52	cps
Molybdenum	95-1	2137752	2081984	2102464	2107400	1.34	cps
Molybdenum	96-1	2250848	2222585	2218394	2230609	0.79	cps
Molybdenum	97-1	1291163	1296223	1302927	1296771	0.46	cps
Molybdenum	98-1	3330198	3307294	3347911	3328468	0.61	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	3177	3124	3234	3178	1.73	cps
Phosphorus	31-2	244587	248164	245706	246152	0.74	cps
Potassium	39-2	7222620	7366421	7265479	7284840	1.01	cps
Rhodium	103-1	1480762	1467813	1463070	1470548	0.62	cps
Rhodium	103-2	1352924	1373233	1366053	1364070	0.75	cps
Scandium	45-1	1134496	1122565	1138906	1131989	0.75	cps
Scandium	45-2	78474	79439	79322	79078	0.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	25	47	33	36.87	cps
Selenium	82-1	-14	-27	-43	-28	-53.50	cps
Silicon	28-1	2611565	2604783	2604942	2607097	0.15	cps
Silver	109-1	575	525	742	614	18.48	cps
Silver	107-1	700	683	642	675	4.45	cps
Sodium	23-2	14319098	14492903	14351910	14387970	0.64	cps
Strontium	86-1	24022	23838	24656	24172	1.78	cps
Strontium	88-1	208671	204926	211163	208253	1.51	cps
Sulfur	34-1	1241770	1207238	1216222	1221743	1.47	cps
Terbium	159-1	1793763	1758580	1788079	1780141	1.06	cps
Terbium	159-2	1612201	1640890	1644981	1632691	1.09	cps
Thallium	203-1	42	17	8	22	78.07	cps
Thallium	205-1	100	42	67	69	42.14	cps
Tin	118-1	292	458	400	383	22.06	cps
Titanium	47-1	667728	656634	654707	659690	1.07	cps
Uranium	238-1	58	83	58	67	21.65	cps
Vanadium	51-2	160	180	137	159	13.65	cps
Yttrium	89-1	1729167	1731685	1757413	1739422	0.90	cps
Yttrium	89-2	447277	455983	452083	451781	0.97	cps
Zinc	66-2	3821	3927	3951	3899	1.78	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:31:31	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	183	200	150	178	14.32	cps
Zirconium	91-1	50	50	17	39	49.48	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:35:13 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2280804	2280764	2376700	2312756	2.39	cps
Antimony	121-1	55189	52052	54880	54040	3.20	cps
Arsenic	75-1	21090	21934	20137	21054	4.27	cps
Barium	135-1	10838	11172	11297	11102	2.14	cps
Barium	137-1	19974	18388	19173	19178	4.13	cps
Beryllium	9-1	10030	9970	10868	10289	4.88	cps
Bismuth	209-1	962939	944150	968747	958612	1.34	cps
Bismuth	209-2	1036086	1053956	1068293	1052778	1.53	cps
Boron	10-1	3824	3721	3837	3794	1.68	cps
Boron	11-1	18719	18095	18969	18594	2.42	cps
Cadmium	111-1	12985	12773	12324	12694	2.66	cps
Cadmium	106-1	2475	2117	2092	2228	9.63	cps
Cadmium	108-1	1404	1354	1292	1350	4.18	cps
Calcium	43-1	685946	660124	690238	678769	2.40	cps
Calcium	44-1	10793894	10466088	10738889	10666291	1.65	cps
Chromium	52-2	48363	49293	48775	48810	0.95	cps
Cobalt	59-2	44230	42943	44561	43911	1.95	cps
Copper	63-2	42920	44862	44427	44070	2.31	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	0	20	10	10	100.00	cps
Gadolinium	160-1	42	25	0	22	94.38	cps
Gadolinium	160-2	27	17	17	20	28.86	cps
Holmium	165-1	1675325	1630319	1658235	1654626	1.37	cps
Holmium	165-2	1561203	1580759	1590101	1577354	0.93	cps
Indium	115-1	1615839	1555304	1650686	1607276	3.00	cps
Indium	115-2	546545	553480	559137	553054	1.14	cps
Iron	56-2	95190513	95793349	96234238	95739367	0.55	cps
Iron	57-2	2442360	2449675	2419016	2437017	0.66	cps
Krypton	83-1	350	310	327	329	6.11	cps
Lead	206-1	30208	30437	30025	30223	0.68	cps
Lead	207-1	24908	24830	24680	24806	0.47	cps
Lead	208-1	116033	114337	114634	115002	0.79	cps
Lithium	6-1	251104	245239	252894	249746	1.60	cps
Magnesium	24-2	6859286	6797065	6885561	6847304	0.66	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:35:13 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16947	17204	17117	17089	0.76	cps
Molybdenum	94-1	1325155	1300616	1348788	1324853	1.82	cps
Molybdenum	95-1	2179574	2139702	2195262	2171513	1.32	cps
Molybdenum	96-1	2299118	2307950	2394022	2333697	2.25	cps
Molybdenum	97-1	1336569	1322952	1354940	1338154	1.20	cps
Molybdenum	98-1	3486108	3425423	3544601	3485377	1.71	cps
Neodymium	150-1	7	33	33	24	62.97	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	14127	13954	14354	14145	1.42	cps
Phosphorus	31-2	235913	237507	241447	238289	1.20	cps
Potassium	39-2	7038951	6952352	7144645	7045316	1.37	cps
Rhodium	103-1	1496579	1477086	1493579	1489082	0.70	cps
Rhodium	103-2	1338244	1338848	1359682	1345591	0.91	cps
Scandium	45-1	1132239	1107362	1136194	1125265	1.39	cps
Scandium	45-2	76932	76239	78022	77064	1.17	cps
Selenium	77-2	47	117	83	82	42.58	cps
Selenium	78-2	237	232	258	242	5.69	cps
Selenium	82-1	734	795	807	779	5.02	cps
Silicon	28-1	2641846	2634276	2614288	2630136	0.54	cps
Silver	109-1	52519	49165	50620	50768	3.31	cps
Silver	107-1	53774	53934	54351	54020	0.55	cps
Sodium	23-2	13838740	13894895	14256008	13996548	1.62	cps
Strontium	86-1	75458	73900	75869	75075	1.38	cps
Strontium	88-1	659798	647296	662656	656583	1.24	cps
Sulfur	34-1	1203985	1173242	1201266	1192831	1.43	cps
Terbium	159-1	1770764	1723574	1781670	1758669	1.76	cps
Terbium	159-2	1590329	1607277	1640368	1612658	1.58	cps
Thallium	203-1	29744	28533	30997	29758	4.14	cps
Thallium	205-1	71971	70672	71811	71485	0.99	cps
Tin	118-1	106219	98739	103758	102906	3.70	cps
Titanium	47-1	665746	663235	672299	667093	0.70	cps
Uranium	238-1	259644	252948	258191	256927	1.37	cps
Vanadium	51-2	19013	19437	19597	19349	1.56	cps
Yttrium	89-1	1750240	1732600	1770210	1751017	1.07	cps
Yttrium	89-2	437703	440127	445129	440987	0.86	cps
Zinc	66-2	9083	9120	8906	9036	1.26	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:35:13	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	230427	222476	226354	226419	1.76	cps
Zirconium	91-1	48554	51105	50151	49937	2.58	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:38:56	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1560831	1487745	1520296	1522957	2.40	cps
Antimony	121-1	1338337	1319318	1327668	1328441	0.72	cps
Arsenic	75-1	489627	480668	497645	489313	1.74	cps
Barium	135-1	1294073	1269039	1298107	1287073	1.22	cps
Barium	137-1	2233356	2157845	2256479	2215893	2.33	cps
Beryllium	9-1	277624	280796	279939	279453	0.59	cps
Bismuth	209-1	961456	957070	961666	960064	0.27	cps
Bismuth	209-2	1062868	1048632	1047598	1053033	0.81	cps
Boron	10-1	30111	30021	30519	30217	0.88	cps
Boron	11-1	143548	146003	150933	146828	2.56	cps
Cadmium	111-1	305682	301158	311616	306152	1.71	cps
Cadmium	106-1	33250	32038	33024	32771	1.97	cps
Cadmium	108-1	23162	22761	23003	22975	0.88	cps
Calcium	43-1	1699402	1734631	1771911	1735314	2.09	cps
Calcium	44-1	27343646	27662386	28076128	27694053	1.33	cps
Chromium	52-2	633758	625904	621752	627138	0.97	cps
Cobalt	59-2	1066667	1027501	1047430	1047199	1.87	cps
Copper	63-2	1530334	1483645	1491013	1501664	1.67	cps
Dysprosium	156-1	42	67	17	42	60.00	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	20	37	20	26	37.66	cps
Holmium	165-1	1672217	1677304	1643423	1664315	1.10	cps
Holmium	165-2	1592281	1593275	1600690	1595416	0.29	cps
Indium	115-1	1559800	1554446	1611099	1575115	1.99	cps
Indium	115-2	552519	547928	544572	548340	0.73	cps
Iron	56-2	122982075	119032047	120860122	120958081	1.63	cps
Iron	57-2	3142654	3028811	3118371	3096612	1.94	cps
Krypton	83-1	273	310	310	298	7.11	cps
Lead	206-1	613476	610010	606176	609887	0.60	cps
Lead	207-1	542191	549842	537890	543308	1.11	cps
Lead	208-1	2427911	2464223	2432104	2441413	0.81	cps
Lithium	6-1	257156	259919	265049	260708	1.54	cps
Magnesium	24-2	18234178	17440178	17778308	17817555	2.24	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:38:56	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	622510	607038	620636	616728	1.37	cps
Molybdenum	94-1	2291206	2259204	2271992	2274134	0.71	cps
Molybdenum	95-1	2832237	2777220	2821166	2810207	1.04	cps
Molybdenum	96-1	3127096	3082839	3079596	3096510	0.86	cps
Molybdenum	97-1	1741359	1713956	1696833	1717382	1.31	cps
Molybdenum	98-1	4498197	4391125	4395299	4428207	1.37	cps
Neodymium	150-1	53	87	120	87	38.46	cps
Neodymium	150-2	27	40	23	30	29.40	cps
Nickel	60-2	286960	280728	284351	284013	1.10	cps
Phosphorus	31-2	27647	26288	26919	26951	2.52	cps
Potassium	39-2	9447054	9238713	9314479	9333415	1.13	cps
Rhodium	103-1	1485912	1475968	1451087	1470989	1.22	cps
Rhodium	103-2	1336132	1313036	1320783	1323317	0.89	cps
Scandium	45-1	1158999	1162919	1179370	1167096	0.93	cps
Scandium	45-2	79848	76734	78558	78380	2.00	cps
Selenium	77-2	1800	1667	1730	1732	3.85	cps
Selenium	78-2	5855	5599	5673	5709	2.31	cps
Selenium	82-1	22675	22226	22287	22396	1.09	cps
Silicon	28-1	3205102	3217469	3250393	3224321	0.73	cps
Silver	109-1	1362055	1326739	1366814	1351870	1.62	cps
Silver	107-1	1419461	1408621	1403828	1410636	0.57	cps
Sodium	23-2	37107416	36084019	36577032	36589489	1.40	cps
Strontium	86-1	366177	363363	367303	365615	0.56	cps
Strontium	88-1	3120823	3068219	3118043	3102362	0.95	cps
Sulfur	34-1	305158	305694	309305	306719	0.74	cps
Terbium	159-1	1770520	1765370	1789610	1775167	0.72	cps
Terbium	159-2	1613687	1618757	1618243	1616895	0.17	cps
Thallium	203-1	760666	754854	760007	758509	0.42	cps
Thallium	205-1	1842072	1837148	1829654	1836291	0.34	cps
Tin	118-1	873289	859316	873595	868733	0.94	cps
Titanium	47-1	863479	855593	867985	862352	0.73	cps
Uranium	238-1	2085507	2070131	2118596	2091411	1.18	cps
Vanadium	51-2	516068	507299	511457	511608	0.86	cps
Yttrium	89-1	1754304	1768050	1787817	1770057	0.95	cps
Yttrium	89-2	452339	445686	447748	448591	0.76	cps
Zinc	66-2	263487	256215	260716	260139	1.41	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:38:56	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1898640	1868949	1912284	1893291	1.17	cps
Zirconium	91-1	424594	420106	423342	422681	0.55	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:42:36	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	100	117	103	11.63	cps
Antimony	121-1	183	275	217	225	20.62	cps
Arsenic	75-1	1390	1369	1329	1363	2.24	cps
Barium	135-1	58	0	17	25	120.18	cps
Barium	137-1	33	42	42	39	12.38	cps
Beryllium	9-1	120	107	110	112	6.18	cps
Bismuth	209-1	979641	984945	988605	984397	0.46	cps
Bismuth	209-2	1070269	1064195	1062766	1065743	0.37	cps
Boron	10-1	1087	870	907	954	12.15	cps
Boron	11-1	4858	4534	4491	4627	4.33	cps
Cadmium	111-1	404	353	413	390	8.26	cps
Cadmium	106-1	575	517	592	561	7.02	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	2659	2809	2750	2739	2.76	cps
Calcium	44-1	16627	15693	15935	16085	3.01	cps
Chromium	52-2	673	660	687	673	1.98	cps
Cobalt	59-2	27	67	63	52	42.50	cps
Copper	63-2	1227	1147	1150	1175	3.85	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	8	33	67	36	81.06	cps
Gadolinium	160-2	13	13	3	10	57.75	cps
Holmium	165-1	1638465	1629247	1653367	1640360	0.74	cps
Holmium	165-2	1545580	1560144	1567449	1557724	0.71	cps
Indium	115-1	1641099	1610810	1641118	1631009	1.07	cps
Indium	115-2	563073	571802	571816	568897	0.89	cps
Iron	56-2	3956	3462	3639	3686	6.80	cps
Iron	57-2	100	144	122	122	18.18	cps
Krypton	83-1	287	300	363	317	12.93	cps
Lead	206-1	389	394	344	376	7.29	cps
Lead	207-1	328	222	300	283	19.31	cps
Lead	208-1	1461	1439	1472	1457	1.16	cps
Lithium	6-1	272034	273614	274721	273456	0.49	cps
Magnesium	24-2	713	783	743	747	4.70	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:42:36	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	67	43	54	21.51	cps
Molybdenum	94-1	117	133	92	114	18.41	cps
Molybdenum	95-1	117	167	100	128	27.15	cps
Molybdenum	96-1	100	67	83	83	20.00	cps
Molybdenum	97-1	225	225	217	222	2.16	cps
Molybdenum	98-1	200	108	158	156	29.50	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	40	50	59	41.73	cps
Phosphorus	31-2	783	707	813	768	7.16	cps
Potassium	39-2	30930	31375	31398	31235	0.84	cps
Rhodium	103-1	1552454	1538111	1548314	1546293	0.48	cps
Rhodium	103-2	1392537	1402609	1411852	1402333	0.69	cps
Scandium	45-1	1143332	1149222	1149650	1147401	0.31	cps
Scandium	45-2	77542	78075	78695	78104	0.74	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	35	35	29	33	10.50	cps
Selenium	82-1	-32	-11	-104	-49	-99.04	cps
Silicon	28-1	2630595	2646533	2657485	2644871	0.51	cps
Silver	109-1	417	333	225	325	29.57	cps
Silver	107-1	358	417	300	358	16.28	cps
Sodium	23-2	30763	30496	29794	30351	1.65	cps
Strontium	86-1	417	392	250	353	25.48	cps
Strontium	88-1	33	150	58	81	76.26	cps
Sulfur	34-1	215019	219098	221137	218418	1.43	cps
Terbium	159-1	1772399	1752020	1772136	1765518	0.66	cps
Terbium	159-2	1590046	1617465	1602328	1603279	0.86	cps
Thallium	203-1	67	108	108	94	25.47	cps
Thallium	205-1	150	133	200	161	21.53	cps
Tin	118-1	183	208	183	192	7.53	cps
Titanium	47-1	1383	1692	1750	1608	12.25	cps
Uranium	238-1	33	42	42	39	12.38	cps
Vanadium	51-2	10	17	23	17	39.99	cps
Yttrium	89-1	1725582	1736138	1746531	1736084	0.60	cps
Yttrium	89-2	443650	445816	448285	445917	0.52	cps
Zinc	66-2	173	187	160	173	7.69	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:42:36	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	158	125	208	164	25.59	cps
Zirconium	91-1	67	33	42	47	36.74	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:46:24	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	597	627	597	607	2.85	cps
Antimony	121-1	4468	4601	4968	4679	5.54	cps
Arsenic	75-1	2622	2339	2400	2453	6.06	cps
Barium	135-1	4684	4884	5034	4868	3.61	cps
Barium	137-1	8236	8378	8728	8447	3.00	cps
Beryllium	9-1	590	550	607	582	5.00	cps
Bismuth	209-1	979175	982402	979623	980400	0.18	cps
Bismuth	209-2	1066945	1082133	1087725	1078934	1.00	cps
Boron	10-1	1860	1920	1900	1893	1.61	cps
Boron	11-1	8930	8866	9050	8948	1.04	cps
Cadmium	111-1	815	934	922	890	7.37	cps
Cadmium	106-1	483	650	658	597	16.53	cps
Cadmium	108-1	46	54	50	50	8.34	cps
Calcium	43-1	5876	5376	5526	5593	4.59	cps
Calcium	44-1	70134	68190	70067	69464	1.59	cps
Chromium	52-2	2830	3077	2947	2951	4.18	cps
Cobalt	59-2	2090	1960	1954	2001	3.85	cps
Copper	63-2	4024	3977	3761	3921	3.59	cps
Dysprosium	156-1	0	33	0	11	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	0	0	8	3	173.21	cps
Gadolinium	160-2	13	17	3	11	62.48	cps
Holmium	165-1	1634469	1589282	1624890	1616213	1.47	cps
Holmium	165-2	1540456	1580464	1580205	1567041	1.47	cps
Indium	115-1	1611951	1642903	1649134	1634662	1.22	cps
Indium	115-2	565256	574499	580314	573356	1.32	cps
Iron	56-2	51528	52911	53023	52487	1.59	cps
Iron	57-2	1406	1495	1272	1391	8.04	cps
Krypton	83-1	387	320	303	337	13.10	cps
Lead	206-1	1228	1361	1295	1295	5.15	cps
Lead	207-1	1028	1161	1045	1078	6.74	cps
Lead	208-1	5062	5406	5351	5273	3.51	cps
Lithium	6-1	267717	264658	269891	267422	0.98	cps
Magnesium	24-2	35254	37723	37957	36978	4.05	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:46:24	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	710	617	663	663	7.04	cps
Molybdenum	94-1	4434	4493	4601	4509	1.88	cps
Molybdenum	95-1	5568	5268	5826	5554	5.03	cps
Molybdenum	96-1	5793	5810	5910	5838	1.08	cps
Molybdenum	97-1	3217	3351	3367	3312	2.48	cps
Molybdenum	98-1	8536	8319	9103	8653	4.68	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	567	633	683	628	9.32	cps
Phosphorus	31-2	963	1017	847	942	9.23	cps
Potassium	39-2	65618	66301	67115	66345	1.13	cps
Rhodium	103-1	1512670	1496369	1558498	1522513	2.12	cps
Rhodium	103-2	1384127	1425673	1419620	1409807	1.59	cps
Scandium	45-1	1147505	1154223	1161608	1154446	0.61	cps
Scandium	45-2	76725	79242	80703	78890	2.55	cps
Selenium	77-2	10	10	23	14	53.28	cps
Selenium	78-2	84	84	86	85	1.36	cps
Selenium	82-1	123	189	166	159	20.86	cps
Silicon	28-1	2641796	2633178	2635542	2636839	0.17	cps
Silver	109-1	3034	2709	2767	2836	6.11	cps
Silver	107-1	2884	3067	2934	2962	3.20	cps
Sodium	23-2	98477	99597	99701	99258	0.68	cps
Strontium	86-1	1050	1050	875	992	10.19	cps
Strontium	88-1	5693	5785	6135	5871	3.97	cps
Sulfur	34-1	219275	219445	222593	220438	0.85	cps
Terbium	159-1	1791994	1751451	1758241	1767229	1.23	cps
Terbium	159-2	1589819	1604919	1630981	1608573	1.29	cps
Thallium	203-1	1467	1450	1333	1417	5.13	cps
Thallium	205-1	3451	3642	3226	3439	6.07	cps
Tin	118-1	8269	8861	8453	8528	3.55	cps
Titanium	47-1	3150	3384	3459	3331	4.83	cps
Uranium	238-1	3884	3684	4326	3965	8.29	cps
Vanadium	51-2	4871	5011	4934	4939	1.42	cps
Yttrium	89-1	1782415	1743631	1738413	1754820	1.37	cps
Yttrium	89-2	444822	450579	458694	451365	1.54	cps
Zinc	66-2	603	617	607	609	1.14	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:46:24	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3426	3692	3576	3564	3.75	cps
Zirconium	91-1	850	975	808	878	9.88	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : PB120615BL Instrumnet Name : P8
 Client Sample ID : PB120615BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:50:12 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	90	93	100	14.53	cps
Antimony	121-1	67	50	83	67	25.00	cps
Arsenic	75-1	1099	1170	1010	1093	7.30	cps
Barium	135-1	0	0	8	3	173.21	cps
Barium	137-1	0	17	25	14	91.65	cps
Beryllium	9-1	40	33	50	41	20.41	cps
Bismuth	209-1	945093	937555	952066	944905	0.77	cps
Bismuth	209-2	1068310	1074352	1081044	1074569	0.59	cps
Boron	10-1	420	417	407	414	1.67	cps
Boron	11-1	2160	2180	2000	2114	4.67	cps
Cadmium	111-1	420	375	393	396	5.76	cps
Cadmium	106-1	600	533	550	561	6.18	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	2617	2642	2550	2603	1.82	cps
Calcium	44-1	15384	14766	15025	15058	2.06	cps
Chromium	52-2	613	663	617	631	4.43	cps
Cobalt	59-2	53	50	37	47	18.89	cps
Copper	63-2	700	840	793	778	9.16	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	8	0	8	6	86.60	cps
Gadolinium	160-2	23	7	7	12	78.69	cps
Holmium	165-1	1605555	1583901	1593018	1594158	0.68	cps
Holmium	165-2	1571638	1562865	1593921	1576142	1.02	cps
Indium	115-1	1580945	1556970	1584191	1574036	0.94	cps
Indium	115-2	568703	575061	580751	574838	1.05	cps
Iron	56-2	1978	2245	2200	2141	6.67	cps
Iron	57-2	150	78	78	102	40.94	cps
Krypton	83-1	323	307	340	323	5.16	cps
Lead	206-1	89	139	161	130	28.54	cps
Lead	207-1	100	111	150	120	21.81	cps
Lead	208-1	556	522	606	561	7.48	cps
Lithium	6-1	264236	262890	266129	264418	0.62	cps
Magnesium	24-2	693	817	693	734	9.70	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	PB120615BL	Instrumnet Name :	P8
Client Sample ID :	PB120615BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:50:12	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	37	23	29	24.03	cps
Molybdenum	94-1	75	50	58	61	20.83	cps
Molybdenum	95-1	50	33	25	36	35.25	cps
Molybdenum	96-1	50	75	75	67	21.65	cps
Molybdenum	97-1	133	125	175	144	18.55	cps
Molybdenum	98-1	67	33	17	39	65.47	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	43	40	47	43	7.70	cps
Phosphorus	31-2	763	787	857	802	6.05	cps
Potassium	39-2	29411	30316	29661	29796	1.57	cps
Rhodium	103-1	1530796	1495212	1526646	1517551	1.28	cps
Rhodium	103-2	1408790	1422305	1425188	1418761	0.62	cps
Scandium	45-1	1128399	1125934	1141597	1131977	0.74	cps
Scandium	45-2	79805	80224	81739	80589	1.26	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	38	27	27	31	20.71	cps
Selenium	82-1	-64	-62	-130	-85	-45.25	cps
Silicon	28-1	2618806	2604204	2619345	2614118	0.33	cps
Silver	109-1	300	167	267	244	28.39	cps
Silver	107-1	167	208	225	200	15.02	cps
Sodium	23-2	25843	25573	25770	25729	0.54	cps
Strontium	86-1	450	483	342	425	17.43	cps
Strontium	88-1	67	50	67	61	15.75	cps
Sulfur	34-1	221798	224413	225919	224043	0.93	cps
Terbium	159-1	1725729	1696880	1703721	1708777	0.88	cps
Terbium	159-2	1605270	1659871	1618419	1627853	1.75	cps
Thallium	203-1	42	33	75	50	44.10	cps
Thallium	205-1	100	167	33	100	66.67	cps
Tin	118-1	192	117	192	167	25.98	cps
Titanium	47-1	1475	1784	1725	1661	9.86	cps
Uranium	238-1	8	17	17	14	34.67	cps
Vanadium	51-2	13	23	10	16	44.60	cps
Yttrium	89-1	1734853	1695869	1719606	1716776	1.14	cps
Yttrium	89-2	451280	455188	460707	455725	1.04	cps
Zinc	66-2	110	120	133	121	9.67	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	PB120615BL	Instrumnet Name :	P8
Client Sample ID :	PB120615BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:50:12	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	200	125	158	161	23.33	cps
Zirconium	91-1	25	25	83	44	75.78	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : PB120615BS Instrumnet Name : P8
 Client Sample ID : PB120615BS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 16:54:01 DataFile Name : 021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280209	278584	279280	279357	0.29	cps
Antimony	121-1	1347361	1347431	1375313	1356702	1.19	cps
Arsenic	75-1	492402	489817	496955	493058	0.73	cps
Barium	135-1	1282941	1309126	1331341	1307803	1.85	cps
Barium	137-1	2232627	2235457	2281251	2249778	1.21	cps
Beryllium	9-1	276125	276628	281915	278222	1.15	cps
Bismuth	209-1	960335	960655	982835	967941	1.33	cps
Bismuth	209-2	1090627	1073279	1078236	1080714	0.83	cps
Boron	10-1	28986	29454	29671	29370	1.19	cps
Boron	11-1	143151	143053	144186	143463	0.44	cps
Cadmium	111-1	314095	311031	318502	314543	1.19	cps
Cadmium	106-1	34545	33091	33559	33732	2.20	cps
Cadmium	108-1	23512	22811	23450	23258	1.67	cps
Calcium	43-1	361035	364863	364819	363573	0.60	cps
Calcium	44-1	5685999	5780086	5751046	5739044	0.84	cps
Chromium	52-2	638631	639869	641701	640067	0.24	cps
Cobalt	59-2	1075517	1072845	1062812	1070391	0.63	cps
Copper	63-2	1586378	1626865	1611196	1608147	1.27	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	17	0	25	14	91.65	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	8	0	42	17	132.30	cps
Gadolinium	160-2	13	20	10	14	35.26	cps
Holmium	165-1	1637258	1645698	1648257	1643738	0.35	cps
Holmium	165-2	1622087	1602614	1602669	1609124	0.70	cps
Indium	115-1	1554983	1561209	1621761	1579318	2.34	cps
Indium	115-2	563296	560858	557121	560425	0.55	cps
Iron	56-2	26016526	25613620	25233455	25621200	1.53	cps
Iron	57-2	642755	627709	636412	635625	1.19	cps
Krypton	83-1	300	337	303	313	6.47	cps
Lead	206-1	622707	619905	631911	624841	1.01	cps
Lead	207-1	557573	554763	567807	560048	1.23	cps
Lead	208-1	2485223	2488978	2534781	2502994	1.10	cps
Lithium	6-1	260730	258899	263784	261137	0.95	cps
Magnesium	24-2	3786236	3738695	3751488	3758806	0.65	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	PB120615BS	Instrumnet Name :	P8
Client Sample ID :	PB120615BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:54:01	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	638874	637299	627256	634477	0.99	cps
Molybdenum	94-1	2290668	2240085	2324997	2285250	1.87	cps
Molybdenum	95-1	2793035	2775718	2829425	2799393	0.98	cps
Molybdenum	96-1	3094931	3057660	3107152	3086581	0.84	cps
Molybdenum	97-1	1734552	1688906	1754135	1725865	1.94	cps
Molybdenum	98-1	4459224	4365722	4551033	4458660	2.08	cps
Neodymium	150-1	47	53	127	76	58.75	cps
Neodymium	150-2	13	7	13	11	34.61	cps
Nickel	60-2	293801	294077	290755	292878	0.63	cps
Phosphorus	31-2	27089	27062	26949	27034	0.28	cps
Potassium	39-2	1988415	2024537	2005539	2006164	0.90	cps
Rhodium	103-1	1497817	1470544	1559058	1509140	3.00	cps
Rhodium	103-2	1365371	1366889	1356754	1363005	0.40	cps
Scandium	45-1	1134372	1148675	1155480	1146176	0.94	cps
Scandium	45-2	78176	79034	79704	78971	0.97	cps
Selenium	77-2	1690	1743	1650	1695	2.76	cps
Selenium	78-2	5790	5817	5909	5838	1.07	cps
Selenium	82-1	22790	22566	22823	22726	0.61	cps
Silicon	28-1	3243840	3231044	3277731	3250872	0.74	cps
Silver	109-1	1376695	1383652	1395416	1385254	0.68	cps
Silver	107-1	1458184	1422398	1473722	1451434	1.81	cps
Sodium	23-2	7634332	7691962	7789673	7705322	1.02	cps
Strontium	86-1	360355	357647	366700	361567	1.29	cps
Strontium	88-1	3090359	3055945	3157627	3101310	1.67	cps
Sulfur	34-1	322884	315988	321504	320125	1.14	cps
Terbium	159-1	1766196	1775149	1771949	1771098	0.26	cps
Terbium	159-2	1638699	1625639	1631122	1631820	0.40	cps
Thallium	203-1	769494	780874	781721	777363	0.88	cps
Thallium	205-1	1835391	1859498	1894031	1862973	1.58	cps
Tin	118-1	862825	863061	882235	869374	1.28	cps
Titanium	47-1	848236	863429	876747	862804	1.65	cps
Uranium	238-1	2126916	2121211	2153779	2133969	0.81	cps
Vanadium	51-2	519808	524255	524701	522921	0.52	cps
Yttrium	89-1	1727346	1729754	1795477	1750859	2.21	cps
Yttrium	89-2	451213	449340	450555	450369	0.21	cps
Zinc	66-2	271588	269975	269945	270503	0.35	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	PB120615BS	Instrumnet Name :	P8
Client Sample ID :	PB120615BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:54:01	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1878265	1862098	1929354	1889906	1.86	cps
Zirconium	91-1	423000	418639	431017	424219	1.48	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:57:42	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13533	15065	13960	14186	5.57	cps
Antimony	121-1	367	342	292	333	11.46	cps
Arsenic	75-1	1441	1430	1469	1447	1.41	cps
Barium	135-1	4893	4726	4668	4762	2.45	cps
Barium	137-1	8044	8003	7636	7894	2.85	cps
Beryllium	9-1	753	710	727	730	2.99	cps
Bismuth	209-1	975459	954790	960586	963612	1.11	cps
Bismuth	209-2	1105541	1074894	1086455	1088963	1.42	cps
Boron	10-1	1263	1230	1350	1281	4.84	cps
Boron	11-1	6258	6585	6545	6463	2.76	cps
Cadmium	111-1	1102	1015	1053	1057	4.11	cps
Cadmium	106-1	600	600	608	603	0.80	cps
Cadmium	108-1	50	67	50	56	17.32	cps
Calcium	43-1	88151	89485	86121	87919	1.93	cps
Calcium	44-1	1398565	1387989	1381352	1389302	0.62	cps
Chromium	52-2	3244	3390	3127	3254	4.06	cps
Cobalt	59-2	255089	253677	259284	256017	1.14	cps
Copper	63-2	99325	98976	100379	99560	0.73	cps
Dysprosium	156-1	3467	3534	3534	3512	1.10	cps
Dysprosium	156-2	3460	3447	3360	3423	1.59	cps
Erbium	164-1	2834	2859	2950	2881	2.13	cps
Erbium	164-2	2744	2817	2944	2835	3.57	cps
Gadolinium	160-1	3784	3609	3634	3676	2.58	cps
Gadolinium	160-2	3924	4024	4141	4030	2.69	cps
Holmium	165-1	1628157	1629795	1593293	1617082	1.27	cps
Holmium	165-2	1625158	1583861	1591609	1600209	1.37	cps
Indium	115-1	1626088	1598302	1658500	1627630	1.85	cps
Indium	115-2	583656	573904	584647	580735	1.02	cps
Iron	56-2	3029235	3021405	3143130	3064590	2.22	cps
Iron	57-2	72661	73789	75135	73861	1.68	cps
Krypton	83-1	340	343	303	329	6.75	cps
Lead	206-1	4423	4334	4506	4421	1.95	cps
Lead	207-1	3528	3767	3512	3602	3.97	cps
Lead	208-1	16510	16604	16504	16540	0.34	cps
Lithium	6-1	259022	255348	259488	257953	0.88	cps
Magnesium	24-2	151875	150178	153503	151852	1.09	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:57:42	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	72594	72698	74333	73208	1.33	cps
Molybdenum	94-1	783	808	692	761	8.07	cps
Molybdenum	95-1	192	192	92	158	36.46	cps
Molybdenum	96-1	300	375	292	322	14.24	cps
Molybdenum	97-1	342	175	192	236	38.88	cps
Molybdenum	98-1	267	292	250	269	7.78	cps
Neodymium	150-1	4321	4061	4147	4176	3.17	cps
Neodymium	150-2	3080	3114	3267	3154	3.16	cps
Nickel	60-2	26646	26362	26632	26546	0.60	cps
Phosphorus	31-2	4194	3734	3967	3965	5.80	cps
Potassium	39-2	639601	634064	639050	637572	0.48	cps
Rhodium	103-1	1527890	1502047	1538068	1522668	1.22	cps
Rhodium	103-2	1421528	1384009	1413366	1406301	1.40	cps
Scandium	45-1	1144316	1128773	1132591	1135227	0.71	cps
Scandium	45-2	80650	79667	81303	80540	1.02	cps
Selenium	77-2	20	10	10	13	43.30	cps
Selenium	78-2	34	37	35	35	4.32	cps
Selenium	82-1	-45	-99	-39	-61	-54.03	cps
Silicon	28-1	7260398	7299525	7355679	7305201	0.66	cps
Silver	109-1	400	467	317	394	19.05	cps
Silver	107-1	433	558	483	492	12.80	cps
Sodium	23-2	816138	807373	822195	815235	0.91	cps
Strontium	86-1	36900	35112	35697	35903	2.54	cps
Strontium	88-1	309455	307761	308278	308498	0.28	cps
Sulfur	34-1	212508	211680	212963	212384	0.31	cps
Terbium	159-1	1765896	1737873	1744375	1749381	0.84	cps
Terbium	159-2	1648224	1611024	1627340	1628863	1.14	cps
Thallium	203-1	1200	1117	1250	1189	5.67	cps
Thallium	205-1	2917	2492	2625	2678	8.12	cps
Tin	118-1	1117	1108	1133	1120	1.14	cps
Titanium	47-1	3817	4226	4117	4054	5.22	cps
Uranium	238-1	4626	4926	4751	4768	3.16	cps
Vanadium	51-2	923	1090	937	983	9.42	cps
Yttrium	89-1	1819572	1820132	1799066	1812923	0.66	cps
Yttrium	89-2	469903	461743	471047	467564	1.09	cps
Zinc	66-2	176109	175819	179744	177224	1.23	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 16:57:42	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1767	1708	1967	1814	7.47	cps
Zirconium	91-1	533	342	417	431	22.43	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : K3305-01DUP Instrumnet Name : P8
 Client Sample ID : 390605753-OH-6061DUF Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 17:01:29 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17448	17833	17896	17726	1.37	cps
Antimony	121-1	158	200	125	161	23.33	cps
Arsenic	75-1	1321	1301	1272	1298	1.93	cps
Barium	135-1	4643	4859	5251	4918	6.27	cps
Barium	137-1	8420	8053	8253	8242	2.23	cps
Beryllium	9-1	727	613	643	661	8.88	cps
Bismuth	209-1	972561	959299	972637	968166	0.79	cps
Bismuth	209-2	1089859	1069500	1092513	1083957	1.16	cps
Boron	10-1	860	900	963	908	5.74	cps
Boron	11-1	4227	4511	4337	4358	3.28	cps
Cadmium	111-1	1045	1051	997	1031	2.87	cps
Cadmium	106-1	617	550	600	589	5.89	cps
Cadmium	108-1	88	108	63	86	26.65	cps
Calcium	43-1	89803	87949	88193	88648	1.14	cps
Calcium	44-1	1399950	1393238	1447897	1413695	2.11	cps
Chromium	52-2	3387	3254	3384	3342	2.28	cps
Cobalt	59-2	259948	257102	260913	259321	0.76	cps
Copper	63-2	98989	98520	101390	99633	1.55	cps
Dysprosium	156-1	3676	3692	3451	3606	3.74	cps
Dysprosium	156-2	3644	3487	3637	3589	2.47	cps
Erbium	164-1	2867	2817	2925	2870	1.89	cps
Erbium	164-2	2724	2720	2790	2745	1.44	cps
Gadolinium	160-1	3701	4368	3901	3990	8.58	cps
Gadolinium	160-2	4141	4164	3941	4082	3.01	cps
Holmium	165-1	1607855	1629776	1661621	1633084	1.66	cps
Holmium	165-2	1616593	1574525	1618825	1603314	1.56	cps
Indium	115-1	1664149	1645772	1645098	1651673	0.65	cps
Indium	115-2	586029	581601	584971	584201	0.40	cps
Iron	56-2	3123802	3024978	3121203	3089994	1.82	cps
Iron	57-2	76620	74230	77548	76133	2.25	cps
Krypton	83-1	333	360	307	333	8.00	cps
Lead	206-1	3928	4384	3867	4060	6.96	cps
Lead	207-1	3306	3489	3901	3565	8.54	cps
Lead	208-1	15927	16755	16054	16245	2.74	cps
Lithium	6-1	252860	251895	253231	252662	0.27	cps
Magnesium	24-2	153335	150205	156512	153351	2.06	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01DUP	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061DUF	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:01:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73911	72872	74560	73781	1.15	cps
Molybdenum	94-1	800	917	900	872	7.23	cps
Molybdenum	95-1	58	50	75	61	20.83	cps
Molybdenum	96-1	242	217	233	231	5.52	cps
Molybdenum	97-1	192	192	142	175	16.50	cps
Molybdenum	98-1	100	100	75	92	15.75	cps
Neodymium	150-1	4261	4347	4107	4239	2.87	cps
Neodymium	150-2	3124	3077	3314	3172	3.95	cps
Nickel	60-2	26672	26512	27317	26834	1.59	cps
Phosphorus	31-2	4184	3964	4044	4064	2.74	cps
Potassium	39-2	648678	632579	649755	643671	1.49	cps
Rhodium	103-1	1549921	1543801	1550517	1548080	0.24	cps
Rhodium	103-2	1405540	1418752	1426095	1416795	0.74	cps
Scandium	45-1	1158090	1126230	1162984	1149101	1.74	cps
Scandium	45-2	80016	79566	82496	80693	1.96	cps
Selenium	77-2	20	3	17	13	66.16	cps
Selenium	78-2	42	49	37	43	14.14	cps
Selenium	82-1	-58	-70	-41	-56	-25.53	cps
Silicon	28-1	7459676	7430543	7452605	7447608	0.20	cps
Silver	109-1	333	275	325	311	10.14	cps
Silver	107-1	375	392	358	375	4.45	cps
Sodium	23-2	821021	806507	826605	818044	1.27	cps
Strontium	86-1	35488	35898	35563	35650	0.61	cps
Strontium	88-1	308712	311789	312131	310877	0.61	cps
Sulfur	34-1	204129	208828	204958	205971	1.22	cps
Terbium	159-1	1736519	1756512	1778895	1757308	1.21	cps
Terbium	159-2	1619489	1616536	1639761	1625262	0.78	cps
Thallium	203-1	1117	1275	1075	1156	9.13	cps
Thallium	205-1	2884	2634	2534	2684	6.72	cps
Tin	118-1	1150	1275	1275	1233	5.85	cps
Titanium	47-1	8190	7237	5635	7021	18.39	cps
Uranium	238-1	4818	4926	4609	4784	3.37	cps
Vanadium	51-2	1117	990	1237	1115	11.07	cps
Yttrium	89-1	1785842	1799673	1786533	1790683	0.44	cps
Yttrium	89-2	469438	466531	477033	471001	1.15	cps
Zinc	66-2	178867	176054	178945	177955	0.93	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01DUP	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061DUF	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:01:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3179	1909	2100	2396	28.59	cps
Zirconium	91-1	383	508	500	464	15.07	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01LX5	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-14 17:05:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8013	6616	5368	6666	19.85	cps
Antimony	121-1	117	92	108	106	12.06	cps
Arsenic	75-1	1288	1187	994	1156	12.91	cps
Barium	135-1	1117	950	1033	1033	8.07	cps
Barium	137-1	1483	1592	1550	1542	3.54	cps
Beryllium	9-1	223	203	197	208	6.68	cps
Bismuth	209-1	988918	998469	989551	992313	0.54	cps
Bismuth	209-2	1088084	1071982	1086415	1082160	0.82	cps
Boron	10-1	497	507	597	533	10.33	cps
Boron	11-1	2367	2284	2300	2317	1.90	cps
Cadmium	111-1	588	544	543	558	4.55	cps
Cadmium	106-1	717	600	592	636	10.99	cps
Cadmium	108-1	8	25	13	15	56.79	cps
Calcium	43-1	20140	19898	19113	19717	2.72	cps
Calcium	44-1	293863	301923	294454	296747	1.51	cps
Chromium	52-2	1330	1237	1310	1292	3.80	cps
Cobalt	59-2	52589	52224	52157	52323	0.44	cps
Copper	63-2	21159	20602	20736	20832	1.40	cps
Dysprosium	156-1	583	617	692	631	8.80	cps
Dysprosium	156-2	743	690	780	738	6.14	cps
Erbium	164-1	675	600	542	606	11.04	cps
Erbium	164-2	530	527	580	546	5.48	cps
Gadolinium	160-1	900	833	775	836	7.48	cps
Gadolinium	160-2	763	767	873	801	7.81	cps
Holmium	165-1	1663942	1661998	1614110	1646683	1.71	cps
Holmium	165-2	1612494	1582960	1610877	1602110	1.04	cps
Indium	115-1	1603027	1692883	1650393	1648768	2.73	cps
Indium	115-2	587440	580466	584013	583973	0.60	cps
Iron	56-2	661652	651004	643289	651982	1.41	cps
Iron	57-2	16538	17543	16032	16704	4.60	cps
Krypton	83-1	323	270	357	317	13.81	cps
Lead	206-1	867	983	978	943	6.98	cps
Lead	207-1	939	806	811	852	8.85	cps
Lead	208-1	3984	3850	3850	3895	1.98	cps
Lithium	6-1	251218	258217	254478	254638	1.38	cps
Magnesium	24-2	31274	31368	31314	31319	0.15	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01LX5	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-14 17:05:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15045	14588	14828	14820	1.54	cps
Molybdenum	94-1	217	183	283	228	22.35	cps
Molybdenum	95-1	42	33	25	33	25.01	cps
Molybdenum	96-1	108	125	92	108	15.39	cps
Molybdenum	97-1	117	125	108	117	7.14	cps
Molybdenum	98-1	67	92	8	56	76.98	cps
Neodymium	150-1	840	847	787	824	3.99	cps
Neodymium	150-2	637	597	613	616	3.26	cps
Nickel	60-2	5421	5424	5384	5410	0.41	cps
Phosphorus	31-2	1493	1413	1490	1466	3.09	cps
Potassium	39-2	154438	151661	151893	152664	1.01	cps
Rhodium	103-1	1546289	1579553	1601244	1575696	1.76	cps
Rhodium	103-2	1443585	1430489	1444882	1439652	0.55	cps
Scandium	45-1	1134026	1159945	1148678	1147550	1.13	cps
Scandium	45-2	79319	79788	82148	80418	1.89	cps
Selenium	77-2	7	3	13	8	65.47	cps
Selenium	78-2	25	37	31	31	19.35	cps
Selenium	82-1	-30	-7	-110	-49	-110.72	cps
Silicon	28-1	3626140	3626429	3876634	3709734	3.90	cps
Silver	109-1	217	283	192	231	20.55	cps
Silver	107-1	167	283	242	231	25.64	cps
Sodium	23-2	185445	183514	185162	184707	0.56	cps
Strontium	86-1	7727	7669	7569	7655	1.05	cps
Strontium	88-1	64255	65247	63364	64289	1.47	cps
Sulfur	34-1	183805	186592	188947	186448	1.38	cps
Terbium	159-1	1736051	1814176	1790131	1780119	2.25	cps
Terbium	159-2	1672865	1615612	1662810	1650429	1.85	cps
Thallium	203-1	292	258	292	281	6.86	cps
Thallium	205-1	600	592	617	603	2.11	cps
Tin	118-1	392	492	442	442	11.32	cps
Titanium	47-1	3167	6034	2775	3992	44.56	cps
Uranium	238-1	967	1083	1058	1036	5.93	cps
Vanadium	51-2	330	303	343	326	6.26	cps
Yttrium	89-1	1762834	1846989	1785485	1798436	2.42	cps
Yttrium	89-2	464075	459771	465513	463120	0.65	cps
Zinc	66-2	36010	36117	36354	36160	0.49	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01LX5	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-14 17:05:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	642	467	758	622	23.60	cps
Zirconium	91-1	117	117	267	167	51.96	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : K3305-01MS Instrumnet Name : P8
 Client Sample ID : 390605753-OH-6061MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 17:09:05 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67111	67436	67704	67417	0.44	cps
Antimony	121-1	2135858	2085921	2106181	2109320	1.19	cps
Arsenic	75-1	887266	886832	888070	887389	0.07	cps
Barium	135-1	115575	114139	114467	114727	0.66	cps
Barium	137-1	195578	194706	197124	195803	0.63	cps
Beryllium	9-1	107836	109405	111000	109414	1.45	cps
Bismuth	209-1	991177	995571	998034	994927	0.35	cps
Bismuth	209-2	1096311	1096168	1110462	1100980	0.75	cps
Boron	10-1	17961	18362	18432	18252	1.39	cps
Boron	11-1	87984	88701	90975	89220	1.75	cps
Cadmium	111-1	129893	129462	129263	129539	0.25	cps
Cadmium	106-1	12314	12231	12097	12214	0.90	cps
Cadmium	108-1	8757	8695	8720	8724	0.36	cps
Calcium	43-1	92762	92671	95977	93803	2.01	cps
Calcium	44-1	1512039	1502621	1485430	1500030	0.90	cps
Chromium	52-2	520515	520682	525698	522298	0.56	cps
Cobalt	59-2	695514	696212	706099	699275	0.85	cps
Copper	63-2	606115	617111	616104	613110	0.99	cps
Dysprosium	156-1	111153	109230	108749	109710	1.16	cps
Dysprosium	156-2	30709	30155	31207	30690	1.72	cps
Erbium	164-1	2700	2875	2717	2764	3.49	cps
Erbium	164-2	2480	2810	2694	2661	6.29	cps
Gadolinium	160-1	3842	3792	3692	3776	2.02	cps
Gadolinium	160-2	4211	4034	4134	4126	2.15	cps
Holmium	165-1	1708673	1673474	1665124	1682424	1.37	cps
Holmium	165-2	1600791	1611997	1631470	1614753	0.96	cps
Indium	115-1	1655479	1617714	1636987	1636727	1.15	cps
Indium	115-2	567143	561658	573645	567482	1.06	cps
Iron	56-2	6007711	5999945	6035364	6014340	0.31	cps
Iron	57-2	149250	147476	151860	149529	1.48	cps
Krypton	83-1	360	330	330	340	5.09	cps
Lead	206-1	1301366	1305547	1315718	1307544	0.56	cps
Lead	207-1	1150174	1151745	1160032	1153984	0.46	cps
Lead	208-1	5276311	5303616	5297469	5292465	0.27	cps
Lithium	6-1	251696	252615	254563	252958	0.58	cps
Magnesium	24-2	300366	299689	304827	301627	0.93	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01MS	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:09:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	201454	198734	201275	200487	0.76	cps
Molybdenum	94-1	252618	245047	251873	249846	1.67	cps
Molybdenum	95-1	440042	429040	434257	434446	1.27	cps
Molybdenum	96-1	467227	458605	458781	461537	1.07	cps
Molybdenum	97-1	270513	271098	267577	269729	0.70	cps
Molybdenum	98-1	702772	696507	699756	699678	0.45	cps
Neodymium	150-1	4334	3967	4161	4154	4.42	cps
Neodymium	150-2	3327	3040	2910	3093	6.90	cps
Nickel	60-2	331631	332085	336752	333489	0.85	cps
Phosphorus	31-2	19510	19390	19637	19512	0.63	cps
Potassium	39-2	1415056	1416127	1444913	1425365	1.19	cps
Rhodium	103-1	1555623	1531082	1528932	1538546	0.96	cps
Rhodium	103-2	1398822	1396576	1421110	1405502	0.97	cps
Scandium	45-1	1138877	1138997	1149752	1142542	0.55	cps
Scandium	45-2	79513	78564	79178	79085	0.61	cps
Selenium	77-2	7012	6995	7142	7050	1.14	cps
Selenium	78-2	22867	23225	23724	23272	1.85	cps
Selenium	82-1	90532	91019	90980	90843	0.30	cps
Silicon	28-1	8335624	8517169	8432421	8428404	1.08	cps
Silver	109-1	215485	212616	213013	213705	0.73	cps
Silver	107-1	226033	223481	224915	224810	0.57	cps
Sodium	23-2	1263269	1296217	1305567	1288351	1.72	cps
Strontium	86-1	185546	182455	178146	182049	2.04	cps
Strontium	88-1	1576236	1595757	1574415	1582136	0.75	cps
Sulfur	34-1	192002	190686	191944	191544	0.39	cps
Terbium	159-1	1803865	1791111	1780763	1791913	0.65	cps
Terbium	159-2	1645009	1624680	1647904	1639197	0.77	cps
Thallium	203-1	3248174	3241022	3224185	3237794	0.38	cps
Thallium	205-1	7507913	7577681	7678068	7587887	1.13	cps
Tin	118-1	1188764	1193338	1187402	1189835	0.26	cps
Titanium	47-1	71926	70562	72186	71558	1.22	cps
Uranium	238-1	4734	4751	4984	4823	2.90	cps
Vanadium	51-2	315120	314297	318443	315953	0.69	cps
Yttrium	89-1	1783484	1806023	1808453	1799320	0.77	cps
Yttrium	89-2	461511	461486	471965	464987	1.30	cps
Zinc	66-2	225914	225436	229459	226937	0.97	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01MS	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:09:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3175	3392	3050	3206	5.39	cps
Zirconium	91-1	1042	917	958	972	6.55	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : K3305-01MSD Instrumnet Name : P8
 Client Sample ID : 390605753-OH-6061MSI Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 17:12:49 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68048	68256	68505	68270	0.33	cps
Antimony	121-1	2055527	2123359	2095646	2091511	1.63	cps
Arsenic	75-1	881098	886755	888859	885571	0.45	cps
Barium	135-1	111063	115457	117030	114517	2.70	cps
Barium	137-1	197024	196489	197294	196936	0.21	cps
Beryllium	9-1	105734	107608	109398	107580	1.70	cps
Bismuth	209-1	984189	996798	1009602	996863	1.27	cps
Bismuth	209-2	1118786	1107657	1128447	1118297	0.93	cps
Boron	10-1	17461	18372	19059	18297	4.38	cps
Boron	11-1	87913	89654	91757	89775	2.14	cps
Cadmium	111-1	128215	129091	128666	128657	0.34	cps
Cadmium	106-1	12222	12773	12206	12400	2.60	cps
Cadmium	108-1	8311	8415	8720	8482	2.50	cps
Calcium	43-1	92000	93367	93820	93062	1.02	cps
Calcium	44-1	1465543	1491888	1513505	1490312	1.61	cps
Chromium	52-2	527334	518145	534099	526526	1.52	cps
Cobalt	59-2	702882	703788	712607	706426	0.76	cps
Copper	63-2	621950	613911	626270	620710	1.01	cps
Dysprosium	156-1	108950	111842	110077	110290	1.32	cps
Dysprosium	156-2	30729	30626	30956	30771	0.55	cps
Erbium	164-1	2917	3000	2759	2892	4.25	cps
Erbium	164-2	2614	2657	2944	2738	6.55	cps
Gadolinium	160-1	3451	3692	4201	3781	10.13	cps
Gadolinium	160-2	4127	4021	4031	4060	1.45	cps
Holmium	165-1	1646952	1680026	1665375	1664118	1.00	cps
Holmium	165-2	1675018	1616777	1645351	1645715	1.77	cps
Indium	115-1	1623727	1621539	1595203	1613490	0.98	cps
Indium	115-2	574386	564291	569518	569398	0.89	cps
Iron	56-2	6212569	6087335	6179765	6159890	1.05	cps
Iron	57-2	152877	151463	152191	152177	0.46	cps
Krypton	83-1	287	330	323	313	7.45	cps
Lead	206-1	1282329	1289867	1311004	1294400	1.15	cps
Lead	207-1	1123264	1133343	1155206	1137271	1.44	cps
Lead	208-1	5173313	5234952	5300494	5236253	1.21	cps
Lithium	6-1	244505	247950	253720	248725	1.87	cps
Magnesium	24-2	303368	301350	305936	303551	0.76	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : K3305-01MSD Instrumnet Name : P8
 Client Sample ID : 390605753-OH-6061MSI Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 17:12:49 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203886	200940	204971	203266	1.03	cps
Molybdenum	94-1	248418	246868	250979	248755	0.83	cps
Molybdenum	95-1	430070	435720	435197	433662	0.72	cps
Molybdenum	96-1	452665	459060	463633	458453	1.20	cps
Molybdenum	97-1	262216	266254	266279	264917	0.88	cps
Molybdenum	98-1	683732	687737	689953	687141	0.46	cps
Neodymium	150-1	4214	4234	4354	4267	1.77	cps
Neodymium	150-2	3137	3077	3000	3072	2.23	cps
Nickel	60-2	332842	334586	339566	335665	1.04	cps
Phosphorus	31-2	19927	19417	19687	19677	1.30	cps
Potassium	39-2	1424113	1443428	1430561	1432701	0.69	cps
Rhodium	103-1	1551686	1560803	1548957	1553815	0.40	cps
Rhodium	103-2	1436658	1418460	1434215	1429778	0.69	cps
Scandium	45-1	1124691	1128317	1146159	1133056	1.01	cps
Scandium	45-2	80090	79985	80931	80335	0.65	cps
Selenium	77-2	7289	6992	7112	7131	2.09	cps
Selenium	78-2	23427	23874	24227	23843	1.68	cps
Selenium	82-1	89870	90626	91451	90649	0.87	cps
Silicon	28-1	8436630	8479058	8527581	8481090	0.54	cps
Silver	109-1	212946	214087	213046	213360	0.30	cps
Silver	107-1	223300	223429	222381	223037	0.26	cps
Sodium	23-2	1293220	1269010	1291325	1284518	1.05	cps
Strontium	86-1	183003	178344	182597	181315	1.42	cps
Strontium	88-1	1553948	1580213	1556085	1563415	0.93	cps
Sulfur	34-1	181973	182033	182237	182081	0.08	cps
Terbium	159-1	1779226	1809651	1824701	1804526	1.28	cps
Terbium	159-2	1674910	1668127	1709757	1684265	1.33	cps
Thallium	203-1	3169607	3188978	3250647	3203077	1.32	cps
Thallium	205-1	7417431	7445774	7575077	7479427	1.12	cps
Tin	118-1	1172878	1182618	1179788	1178428	0.43	cps
Titanium	47-1	69096	70787	70762	70215	1.38	cps
Uranium	238-1	4751	5010	4901	4887	2.66	cps
Vanadium	51-2	319675	314575	319880	318043	0.94	cps
Yttrium	89-1	1799517	1787695	1851294	1812835	1.87	cps
Yttrium	89-2	473884	468009	473353	471749	0.69	cps
Zinc	66-2	231313	230738	233721	231924	0.68	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01MSD	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061MSI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:12:49	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3325	2842	3167	3112	7.92	cps
Zirconium	91-1	933	1117	1000	1017	9.13	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01A	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:16:33	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64663	67650	67713	66675	2.61	cps
Antimony	121-1	2068401	2084120	2067426	2073316	0.45	cps
Arsenic	75-1	872640	871008	874829	872826	0.22	cps
Barium	135-1	111130	111331	112448	111636	0.64	cps
Barium	137-1	195779	196507	188815	193701	2.19	cps
Beryllium	9-1	105983	105848	105838	105890	0.08	cps
Bismuth	209-1	977129	979403	974452	976995	0.25	cps
Bismuth	209-2	1097879	1100486	1114075	1104146	0.79	cps
Boron	10-1	18061	18462	18172	18232	1.13	cps
Boron	11-1	87491	89805	90049	89115	1.58	cps
Cadmium	111-1	126398	127099	126449	126649	0.31	cps
Cadmium	106-1	12189	12072	12156	12139	0.50	cps
Cadmium	108-1	8536	8607	8382	8508	1.35	cps
Calcium	43-1	90524	91388	92335	91416	0.99	cps
Calcium	44-1	1463124	1447886	1486077	1465696	1.31	cps
Chromium	52-2	521373	517153	523816	520781	0.65	cps
Cobalt	59-2	694945	701302	702427	699558	0.58	cps
Copper	63-2	601562	612543	614270	609458	1.13	cps
Dysprosium	156-1	107978	106984	106423	107128	0.74	cps
Dysprosium	156-2	30469	30642	31361	30824	1.53	cps
Erbium	164-1	2917	2859	2384	2720	10.76	cps
Erbium	164-2	2827	2574	2677	2693	4.73	cps
Gadolinium	160-1	3851	3892	3876	3873	0.54	cps
Gadolinium	160-2	4141	3921	4558	4206	7.69	cps
Holmium	165-1	1634812	1632600	1646979	1638130	0.47	cps
Holmium	165-2	1589597	1617098	1648974	1618556	1.84	cps
Indium	115-1	1565872	1600931	1586241	1584348	1.11	cps
Indium	115-2	559196	562662	576668	566175	1.63	cps
Iron	56-2	6000232	5963856	6143358	6035815	1.57	cps
Iron	57-2	149222	148015	150211	149149	0.74	cps
Krypton	83-1	313	380	323	339	10.61	cps
Lead	206-1	1278951	1283814	1269655	1277473	0.56	cps
Lead	207-1	1128462	1133151	1114841	1125485	0.85	cps
Lead	208-1	5200127	5197092	5115223	5170814	0.93	cps
Lithium	6-1	245396	243476	246515	245129	0.63	cps
Magnesium	24-2	297159	299232	305577	300656	1.46	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01A	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:16:33	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200200	199240	202114	200518	0.73	cps
Molybdenum	94-1	245038	240188	244045	243090	1.05	cps
Molybdenum	95-1	425862	424346	429262	426490	0.59	cps
Molybdenum	96-1	457154	452038	452728	453973	0.61	cps
Molybdenum	97-1	264284	260993	261376	262218	0.69	cps
Molybdenum	98-1	686886	676107	681847	681613	0.79	cps
Neodymium	150-1	3814	4154	3734	3901	5.72	cps
Neodymium	150-2	2987	2980	3127	3032	2.73	cps
Nickel	60-2	330954	332537	335876	333122	0.75	cps
Phosphorus	31-2	19544	19714	18913	19390	2.18	cps
Potassium	39-2	1408987	1402690	1461877	1424518	2.28	cps
Rhodium	103-1	1500235	1518410	1528061	1515569	0.93	cps
Rhodium	103-2	1388099	1391623	1429131	1402951	1.62	cps
Scandium	45-1	1106428	1113043	1126349	1115273	0.91	cps
Scandium	45-2	77174	77529	79681	78128	1.74	cps
Selenium	77-2	6912	6858	7069	6946	1.57	cps
Selenium	78-2	23289	23394	23719	23467	0.95	cps
Selenium	82-1	89507	89400	89285	89397	0.12	cps
Silicon	28-1	8319456	8468755	8397721	8395311	0.89	cps
Silver	109-1	208172	206613	208050	207612	0.42	cps
Silver	107-1	216617	214645	218437	216566	0.88	cps
Sodium	23-2	1281776	1250821	1267636	1266744	1.22	cps
Strontium	86-1	178326	178503	177728	178186	0.23	cps
Strontium	88-1	1552615	1542933	1545140	1546896	0.33	cps
Sulfur	34-1	176362	176269	178650	177094	0.76	cps
Terbium	159-1	1781983	1772909	1729903	1761598	1.58	cps
Terbium	159-2	1680432	1678280	1681089	1679934	0.09	cps
Thallium	203-1	3139876	3159779	3183379	3161012	0.69	cps
Thallium	205-1	7327893	7445630	7397128	7390217	0.80	cps
Tin	118-1	1166183	1165200	1158503	1163295	0.36	cps
Titanium	47-1	71541	69936	71122	70866	1.18	cps
Uranium	238-1	4826	4593	4801	4740	2.70	cps
Vanadium	51-2	307787	314451	316732	312990	1.49	cps
Yttrium	89-1	1781646	1802048	1760144	1781279	1.18	cps
Yttrium	89-2	458843	465227	472395	465489	1.46	cps
Zinc	66-2	223978	227340	228759	226692	1.08	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3305-01A	Instrumnet Name :	P8
Client Sample ID :	390605753-OH-6061A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:16:33	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3150	2975	3225	3117	4.12	cps
Zirconium	91-1	967	975	825	922	9.14	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3306-01	Instrumnet Name :	P8
Client Sample ID :	390605743-OH-6005	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:20:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4894	4461	4367	4574	6.15	cps
Antimony	121-1	525	608	458	531	14.17	cps
Arsenic	75-1	1503	1296	1351	1383	7.76	cps
Barium	135-1	1692	1658	1442	1597	8.50	cps
Barium	137-1	2842	2900	2734	2825	2.99	cps
Beryllium	9-1	343	313	370	342	8.28	cps
Bismuth	209-1	1008020	1002887	998272	1003059	0.49	cps
Bismuth	209-2	1105794	1094884	1083938	1094872	1.00	cps
Boron	10-1	1280	1237	1387	1301	5.93	cps
Boron	11-1	6418	6051	6258	6243	2.95	cps
Cadmium	111-1	724	693	509	642	18.11	cps
Cadmium	106-1	625	692	408	575	25.76	cps
Cadmium	108-1	38	29	21	29	28.58	cps
Calcium	43-1	77966	77062	79299	78109	1.44	cps
Calcium	44-1	1244459	1216012	1262306	1240926	1.88	cps
Chromium	52-2	2357	2014	2077	2149	8.50	cps
Cobalt	59-2	68862	66846	66357	67355	1.97	cps
Copper	63-2	182245	181688	180645	181526	0.45	cps
Dysprosium	156-1	1667	1625	1350	1547	11.12	cps
Dysprosium	156-2	1557	1420	1450	1476	4.87	cps
Erbium	164-1	1317	1083	1242	1214	9.81	cps
Erbium	164-2	1147	1153	1143	1148	0.44	cps
Gadolinium	160-1	1517	1567	1667	1583	4.82	cps
Gadolinium	160-2	1680	1880	1760	1773	5.68	cps
Holmium	165-1	1666326	1665678	1671795	1667933	0.20	cps
Holmium	165-2	1611549	1622435	1603498	1612494	0.59	cps
Indium	115-1	1682353	1668688	1672843	1674628	0.42	cps
Indium	115-2	589243	584355	579426	584341	0.84	cps
Iron	56-2	476595	474308	470120	473674	0.69	cps
Iron	57-2	12178	11928	11800	11968	1.61	cps
Krypton	83-1	310	407	337	351	14.22	cps
Lead	206-1	14314	14308	14920	14514	2.42	cps
Lead	207-1	12312	11756	11878	11982	2.44	cps
Lead	208-1	55865	54847	55358	55357	0.92	cps
Lithium	6-1	251314	250553	248872	250246	0.50	cps
Magnesium	24-2	106682	107065	106289	106679	0.36	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3306-01	Instrumnet Name :	P8
Client Sample ID :	390605743-OH-6005	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:20:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20665	21179	20699	20848	1.38	cps
Molybdenum	94-1	125	125	217	156	34.02	cps
Molybdenum	95-1	92	50	50	64	37.66	cps
Molybdenum	96-1	125	125	75	108	26.65	cps
Molybdenum	97-1	167	100	100	122	31.49	cps
Molybdenum	98-1	100	92	100	97	4.95	cps
Neodymium	150-1	1567	1480	1393	1480	5.86	cps
Neodymium	150-2	1103	1080	1127	1103	2.11	cps
Nickel	60-2	13894	13877	13907	13893	0.11	cps
Phosphorus	31-2	3160	2944	3064	3056	3.55	cps
Potassium	39-2	267854	266657	265469	266660	0.45	cps
Rhodium	103-1	1549555	1571873	1560089	1560506	0.72	cps
Rhodium	103-2	1423433	1427292	1416690	1422472	0.38	cps
Scandium	45-1	1150593	1137887	1152974	1147151	0.71	cps
Scandium	45-2	79362	80274	79852	79829	0.57	cps
Selenium	77-2	13	13	13	13	0.00	cps
Selenium	78-2	30	37	34	34	10.43	cps
Selenium	82-1	-4	-124	-32	-53	-118.24	cps
Silicon	28-1	6976830	7000079	6986614	6987841	0.17	cps
Silver	109-1	192	192	233	206	11.70	cps
Silver	107-1	292	175	208	225	26.71	cps
Sodium	23-2	801880	794201	787346	794476	0.92	cps
Strontium	86-1	32548	34553	33066	33389	3.12	cps
Strontium	88-1	285160	287306	284471	285646	0.52	cps
Sulfur	34-1	179854	181069	185492	182138	1.63	cps
Terbium	159-1	1802096	1770531	1786590	1786406	0.88	cps
Terbium	159-2	1639302	1702434	1630110	1657282	2.38	cps
Thallium	203-1	333	333	292	319	7.53	cps
Thallium	205-1	883	658	800	781	14.57	cps
Tin	118-1	1367	1467	1208	1347	9.67	cps
Titanium	47-1	3143	2192	2367	2567	19.72	cps
Uranium	238-1	3434	3467	3892	3598	7.11	cps
Vanadium	51-2	503	540	493	512	4.80	cps
Yttrium	89-1	1809559	1790703	1804080	1801448	0.54	cps
Yttrium	89-2	467382	467485	457097	463988	1.29	cps
Zinc	66-2	90939	89872	88876	89895	1.15	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3306-01	Instrumnet Name :	P8
Client Sample ID :	390605743-OH-6005	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:20:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	342	408	483	411	17.24	cps
Zirconium	91-1	92	342	175	203	62.81	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:24:04	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1526987	1566251	1601358	1564865	2.38	cps
Antimony	121-1	1370502	1341519	1357865	1356628	1.07	cps
Arsenic	75-1	496181	485090	500033	493768	1.57	cps
Barium	135-1	1322232	1300555	1303978	1308921	0.89	cps
Barium	137-1	2294900	2215162	2250344	2253469	1.77	cps
Beryllium	9-1	272035	270926	276646	273202	1.11	cps
Bismuth	209-1	957013	959021	968281	961438	0.63	cps
Bismuth	209-2	1070276	1080908	1084464	1078550	0.68	cps
Boron	10-1	29293	29273	30746	29771	2.84	cps
Boron	11-1	142259	144187	148426	144957	2.18	cps
Cadmium	111-1	311010	304372	311304	308896	1.27	cps
Cadmium	106-1	33609	33091	33534	33411	0.84	cps
Cadmium	108-1	23633	22519	23341	23164	2.49	cps
Calcium	43-1	1741518	1719286	1749626	1736810	0.90	cps
Calcium	44-1	27811338	27381949	28214468	27802585	1.50	cps
Chromium	52-2	649376	654451	654342	652723	0.44	cps
Cobalt	59-2	1078143	1083615	1086949	1082903	0.41	cps
Copper	63-2	1566940	1585004	1572946	1574964	0.58	cps
Dysprosium	156-1	58	25	25	36	53.29	cps
Dysprosium	156-2	20	3	7	10	88.20	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Gadolinium	160-2	23	13	30	22	37.76	cps
Holmium	165-1	1706627	1680089	1712915	1699877	1.02	cps
Holmium	165-2	1665746	1669434	1662923	1666034	0.20	cps
Indium	115-1	1621126	1582126	1610018	1604423	1.25	cps
Indium	115-2	568143	571986	571989	570706	0.39	cps
Iron	56-2	124902022	125220953	126544395	125555790	0.69	cps
Iron	57-2	3170721	3176287	3209156	3185388	0.65	cps
Krypton	83-1	283	337	273	298	11.43	cps
Lead	206-1	615782	609482	606614	610626	0.77	cps
Lead	207-1	549945	545001	551922	548956	0.65	cps
Lead	208-1	2467701	2437850	2475903	2460485	0.81	cps
Lithium	6-1	247739	247291	252273	249101	1.11	cps
Magnesium	24-2	18439558	18295315	18661491	18465455	1.00	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:24:04	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	637199	639303	644414	640305	0.58	cps
Molybdenum	94-1	2329191	2274477	2292472	2298713	1.21	cps
Molybdenum	95-1	2840575	2809249	2860256	2836693	0.91	cps
Molybdenum	96-1	3118232	3074313	3113976	3102174	0.78	cps
Molybdenum	97-1	1757918	1710287	1752495	1740233	1.50	cps
Molybdenum	98-1	4526033	4457386	4520263	4501228	0.85	cps
Neodymium	150-1	73	67	60	67	10.00	cps
Neodymium	150-2	20	13	20	18	21.66	cps
Nickel	60-2	291574	296318	294947	294280	0.83	cps
Phosphorus	31-2	27730	27463	28332	27842	1.60	cps
Potassium	39-2	9754129	9712318	9890619	9785689	0.95	cps
Rhodium	103-1	1494904	1461839	1492887	1483210	1.25	cps
Rhodium	103-2	1369733	1380111	1382088	1377311	0.48	cps
Scandium	45-1	1155300	1157474	1173821	1162198	0.87	cps
Scandium	45-2	81447	81766	81850	81688	0.26	cps
Selenium	77-2	1793	1767	1737	1766	1.61	cps
Selenium	78-2	6021	6031	5843	5965	1.77	cps
Selenium	82-1	22702	21974	22947	22541	2.25	cps
Silicon	28-1	3205560	3248927	3295266	3249918	1.38	cps
Silver	109-1	1369646	1348312	1369544	1362501	0.90	cps
Silver	107-1	1425907	1398648	1432050	1418868	1.25	cps
Sodium	23-2	37948308	38244843	38653770	38282307	0.93	cps
Strontium	86-1	368557	362608	363858	365008	0.86	cps
Strontium	88-1	3170583	3081093	3177589	3143088	1.71	cps
Sulfur	34-1	321254	317461	323180	320632	0.91	cps
Terbium	159-1	1826676	1810701	1831952	1823110	0.61	cps
Terbium	159-2	1710240	1719901	1722382	1717507	0.37	cps
Thallium	203-1	762700	760858	772936	765498	0.85	cps
Thallium	205-1	1836999	1810554	1848136	1831896	1.05	cps
Tin	118-1	882840	877067	874040	877982	0.51	cps
Titanium	47-1	867466	863611	879222	870100	0.93	cps
Uranium	238-1	2074852	2093373	2125665	2097963	1.23	cps
Vanadium	51-2	533455	532383	533895	533245	0.15	cps
Yttrium	89-1	1814386	1753596	1820310	1796097	2.06	cps
Yttrium	89-2	459093	468193	463880	463722	0.98	cps
Zinc	66-2	267711	272376	270589	270225	0.87	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:24:04	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1938879	1927692	1929594	1932055	0.31	cps
Zirconium	91-1	431352	427173	429325	429283	0.49	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 17:27:43 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	93	140	112	21.89	cps
Antimony	121-1	383	317	308	336	12.23	cps
Arsenic	75-1	1234	1317	1118	1223	8.17	cps
Barium	135-1	25	17	25	22	21.64	cps
Barium	137-1	58	33	33	42	34.64	cps
Beryllium	9-1	90	83	87	87	3.85	cps
Bismuth	209-1	986312	990073	973054	983146	0.91	cps
Bismuth	209-2	1083435	1098530	1098608	1093524	0.80	cps
Boron	10-1	1247	1130	1130	1169	5.76	cps
Boron	11-1	6018	5594	5331	5648	6.14	cps
Cadmium	111-1	428	351	391	390	9.94	cps
Cadmium	106-1	608	483	558	550	11.44	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	2692	2925	2709	2775	4.69	cps
Calcium	44-1	15876	16318	15559	15918	2.40	cps
Chromium	52-2	663	657	767	696	8.87	cps
Cobalt	59-2	57	37	30	41	33.76	cps
Copper	63-2	1077	1140	937	1051	9.90	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	0	8	8	100.02	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	25	17	8	17	50.01	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	1633459	1651758	1626047	1637088	0.81	cps
Holmium	165-2	1561241	1594759	1594039	1583346	1.21	cps
Indium	115-1	1609044	1621827	1667565	1632812	1.88	cps
Indium	115-2	575027	579023	583477	579176	0.73	cps
Iron	56-2	4056	3890	3823	3923	3.06	cps
Iron	57-2	156	128	128	137	11.70	cps
Krypton	83-1	260	257	360	292	20.09	cps
Lead	206-1	572	483	472	509	10.76	cps
Lead	207-1	422	489	444	452	7.51	cps
Lead	208-1	1967	1989	2067	2008	2.62	cps
Lithium	6-1	260701	262680	263192	262191	0.50	cps
Magnesium	24-2	600	563	540	568	5.33	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 17:27:43 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	127	63	82	46.99	cps
Molybdenum	94-1	158	208	108	158	31.58	cps
Molybdenum	95-1	117	125	117	119	4.03	cps
Molybdenum	96-1	275	200	167	214	25.94	cps
Molybdenum	97-1	183	167	158	169	7.51	cps
Molybdenum	98-1	192	183	200	192	4.35	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	70	30	46	47.04	cps
Phosphorus	31-2	780	713	850	781	8.75	cps
Potassium	39-2	30339	31549	31635	31174	2.32	cps
Rhodium	103-1	1585759	1574753	1567289	1575933	0.59	cps
Rhodium	103-2	1407898	1437228	1422823	1422650	1.03	cps
Scandium	45-1	1156238	1166238	1157211	1159896	0.48	cps
Scandium	45-2	78444	79949	80559	79651	1.37	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	28	20	29	26	19.22	cps
Selenium	82-1	7	-13	-71	-26	-155.43	cps
Silicon	28-1	2626785	2685122	2638335	2650081	1.17	cps
Silver	109-1	375	317	308	333	10.90	cps
Silver	107-1	425	292	350	356	18.80	cps
Sodium	23-2	27777	27243	26785	27268	1.82	cps
Strontium	86-1	508	442	483	478	7.05	cps
Strontium	88-1	142	125	133	133	6.25	cps
Sulfur	34-1	212551	214936	216163	214550	0.86	cps
Terbium	159-1	1772727	1793355	1783466	1783183	0.58	cps
Terbium	159-2	1593157	1629628	1674073	1632286	2.48	cps
Thallium	203-1	92	92	67	83	17.32	cps
Thallium	205-1	200	200	200	200	0.00	cps
Tin	118-1	217	217	275	236	14.27	cps
Titanium	47-1	1675	1508	1567	1583	5.34	cps
Uranium	238-1	42	17	17	25	57.73	cps
Vanadium	51-2	13	7	37	19	83.40	cps
Yttrium	89-1	1755779	1749821	1751780	1752460	0.17	cps
Yttrium	89-2	449519	456705	455812	454012	0.86	cps
Zinc	66-2	183	190	177	183	3.64	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:27:43	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	133	175	183	164	16.34	cps
Zirconium	91-1	33	25	100	53	77.89	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3317-01	Instrumnet Name :	P8
Client Sample ID :	390605742-OH-2067	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:31:31	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5264	5191	5248	5234	0.73	cps
Antimony	121-1	175	217	242	211	15.95	cps
Arsenic	75-1	1267	1312	1159	1246	6.28	cps
Barium	135-1	1884	1733	1900	1839	4.99	cps
Barium	137-1	3092	3376	3042	3170	5.67	cps
Beryllium	9-1	340	347	307	331	6.47	cps
Bismuth	209-1	940603	950769	948151	946507	0.56	cps
Bismuth	209-2	1101109	1111103	1105422	1105878	0.45	cps
Boron	10-1	1060	980	960	1000	5.29	cps
Boron	11-1	4771	4747	4894	4804	1.64	cps
Cadmium	111-1	628	583	706	639	9.77	cps
Cadmium	106-1	533	500	650	561	14.04	cps
Cadmium	108-1	29	25	17	24	26.95	cps
Calcium	43-1	81060	83162	81880	82034	1.29	cps
Calcium	44-1	1292075	1315427	1338578	1315360	1.77	cps
Chromium	52-2	2410	2434	2460	2435	1.03	cps
Cobalt	59-2	59279	58328	58964	58857	0.82	cps
Copper	63-2	38396	37958	38283	38212	0.59	cps
Dysprosium	156-1	1392	1608	1433	1478	7.78	cps
Dysprosium	156-2	1420	1390	1470	1427	2.83	cps
Erbium	164-1	1142	1200	1150	1164	2.71	cps
Erbium	164-2	1260	1273	1110	1215	7.47	cps
Gadolinium	160-1	1650	1567	1450	1556	6.46	cps
Gadolinium	160-2	1577	1687	1667	1643	3.57	cps
Holmium	165-1	1567528	1590831	1609341	1589233	1.32	cps
Holmium	165-2	1614835	1599187	1603932	1605985	0.50	cps
Indium	115-1	1559071	1577460	1563713	1566748	0.61	cps
Indium	115-2	586366	587365	585022	586251	0.20	cps
Iron	56-2	755130	748049	757825	753668	0.67	cps
Iron	57-2	19214	18607	19019	18946	1.63	cps
Krypton	83-1	300	350	350	333	8.66	cps
Lead	206-1	833	972	978	928	8.82	cps
Lead	207-1	806	789	844	813	3.51	cps
Lead	208-1	3461	3711	3723	3632	4.07	cps
Lithium	6-1	245644	244867	245443	245318	0.16	cps
Magnesium	24-2	111851	111683	112368	111967	0.32	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3317-01	Instrumnet Name :	P8
Client Sample ID :	390605742-OH-2067	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:31:31	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19360	18683	19076	19040	1.79	cps
Molybdenum	94-1	400	283	283	322	20.91	cps
Molybdenum	95-1	100	25	75	67	57.28	cps
Molybdenum	96-1	167	158	150	158	5.26	cps
Molybdenum	97-1	175	183	150	169	10.24	cps
Molybdenum	98-1	67	92	67	75	19.24	cps
Neodymium	150-1	1447	1140	1153	1247	13.90	cps
Neodymium	150-2	923	983	963	957	3.19	cps
Nickel	60-2	13193	12562	13133	12963	2.68	cps
Phosphorus	31-2	3304	3060	3260	3208	4.05	cps
Potassium	39-2	271352	270341	272411	271368	0.38	cps
Rhodium	103-1	1504910	1483429	1491029	1493123	0.73	cps
Rhodium	103-2	1422095	1409360	1411338	1414264	0.48	cps
Scandium	45-1	1104676	1129793	1109421	1114630	1.20	cps
Scandium	45-2	81139	80213	81407	80920	0.77	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	34	34	41	36	11.12	cps
Selenium	82-1	-42	-80	-96	-72	-38.06	cps
Silicon	28-1	6933842	7061469	7032614	7009308	0.95	cps
Silver	109-1	225	183	250	219	15.35	cps
Silver	107-1	200	258	308	256	21.22	cps
Sodium	23-2	827664	816051	820206	821307	0.72	cps
Strontium	86-1	32080	31996	33132	32403	1.95	cps
Strontium	88-1	279048	277647	274748	277148	0.79	cps
Sulfur	34-1	226681	222695	224327	224568	0.89	cps
Terbium	159-1	1685424	1691776	1707765	1694989	0.68	cps
Terbium	159-2	1655840	1625928	1650336	1644035	0.97	cps
Thallium	203-1	367	425	483	425	13.73	cps
Thallium	205-1	917	1017	992	975	5.34	cps
Tin	118-1	833	792	825	817	2.70	cps
Titanium	47-1	2242	2884	2592	2573	12.49	cps
Uranium	238-1	3134	3509	3734	3459	8.77	cps
Vanadium	51-2	513	473	573	520	9.68	cps
Yttrium	89-1	1729219	1722591	1701767	1717859	0.83	cps
Yttrium	89-2	465586	457363	462952	461967	0.91	cps
Zinc	66-2	92476	91348	91657	91827	0.63	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3317-01	Instrumnet Name :	P8
Client Sample ID :	390605742-OH-2067	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:31:31	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	650	708	608	656	7.66	cps
Zirconium	91-1	158	167	142	156	8.18	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3318-01	Instrumnet Name :	P8
Client Sample ID :	390605741-OH-2001	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:35:20	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3914	3821	3774	3836	1.86	cps
Antimony	121-1	258	142	158	186	33.90	cps
Arsenic	75-1	1002	1181	1061	1082	8.44	cps
Barium	135-1	2409	2125	2300	2278	6.28	cps
Barium	137-1	3701	3576	3809	3695	3.16	cps
Beryllium	9-1	330	333	313	326	3.29	cps
Bismuth	209-1	992059	1007623	999693	999792	0.78	cps
Bismuth	209-2	1104848	1093368	1115746	1104654	1.01	cps
Boron	10-1	787	753	753	764	2.52	cps
Boron	11-1	4127	4121	4071	4106	0.75	cps
Cadmium	111-1	647	606	575	609	5.93	cps
Cadmium	106-1	642	533	567	581	9.56	cps
Cadmium	108-1	21	13	25	19	32.73	cps
Calcium	43-1	82970	87564	86088	85541	2.74	cps
Calcium	44-1	1331966	1383429	1403603	1372999	2.69	cps
Chromium	52-2	2080	2170	2050	2100	2.97	cps
Cobalt	59-2	30791	30781	30727	30766	0.11	cps
Copper	63-2	21961	22465	21881	22102	1.43	cps
Dysprosium	156-1	1008	883	850	914	9.13	cps
Dysprosium	156-2	833	860	853	849	1.63	cps
Erbium	164-1	700	675	708	694	2.50	cps
Erbium	164-2	663	650	673	662	1.77	cps
Gadolinium	160-1	1033	967	867	956	8.78	cps
Gadolinium	160-2	1040	990	910	980	6.69	cps
Holmium	165-1	1676209	1665188	1731899	1691098	2.11	cps
Holmium	165-2	1614914	1635976	1664233	1638374	1.51	cps
Indium	115-1	1656718	1664636	1674986	1665447	0.55	cps
Indium	115-2	581011	587632	595484	588043	1.23	cps
Iron	56-2	418770	423064	430266	424033	1.37	cps
Iron	57-2	10732	10232	10804	10589	2.94	cps
Krypton	83-1	330	307	293	310	5.99	cps
Lead	206-1	2161	2456	2306	2308	6.38	cps
Lead	207-1	1789	2034	1778	1867	7.74	cps
Lead	208-1	8557	9079	8440	8692	3.92	cps
Lithium	6-1	251301	259958	260900	257386	2.06	cps
Magnesium	24-2	111435	111025	111488	111316	0.23	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3318-01	Instrumnet Name :	P8
Client Sample ID :	390605741-OH-2001	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:35:20	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12776	12859	12596	12744	1.06	cps
Molybdenum	94-1	250	267	183	233	18.90	cps
Molybdenum	95-1	33	67	50	50	33.34	cps
Molybdenum	96-1	92	92	100	94	5.09	cps
Molybdenum	97-1	175	133	133	147	16.34	cps
Molybdenum	98-1	67	75	58	67	12.50	cps
Neodymium	150-1	1120	1113	993	1076	6.63	cps
Neodymium	150-2	703	820	837	787	9.24	cps
Nickel	60-2	9070	8860	8963	8964	1.17	cps
Phosphorus	31-2	2590	2727	2670	2663	2.58	cps
Potassium	39-2	256772	260964	262862	260199	1.20	cps
Rhodium	103-1	1538082	1573292	1618080	1576485	2.54	cps
Rhodium	103-2	1418688	1445057	1439856	1434534	0.97	cps
Scandium	45-1	1139096	1178578	1207584	1175086	2.93	cps
Scandium	45-2	81565	81267	82068	81633	0.50	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	38	32	23	31	24.35	cps
Selenium	82-1	-104	-36	-3	-48	-107.43	cps
Silicon	28-1	7035337	7139883	7096627	7090616	0.74	cps
Silver	109-1	217	250	100	189	41.70	cps
Silver	107-1	217	250	250	239	8.06	cps
Sodium	23-2	803897	803578	815182	807552	0.82	cps
Strontium	86-1	39216	38822	40435	39491	2.13	cps
Strontium	88-1	330920	339359	338707	336329	1.40	cps
Sulfur	34-1	217245	219589	217912	218249	0.55	cps
Terbium	159-1	1779922	1810761	1822204	1804296	1.21	cps
Terbium	159-2	1681883	1675786	1703281	1686984	0.86	cps
Thallium	203-1	217	208	167	197	13.58	cps
Thallium	205-1	442	542	458	481	11.15	cps
Tin	118-1	1017	1158	1108	1095	6.57	cps
Titanium	47-1	2717	2542	2300	2520	8.31	cps
Uranium	238-1	3159	3292	3100	3184	3.09	cps
Vanadium	51-2	627	700	707	678	6.55	cps
Yttrium	89-1	1782441	1806417	1798389	1795749	0.68	cps
Yttrium	89-2	463567	467527	472710	467935	0.98	cps
Zinc	66-2	54630	54825	53707	54387	1.10	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3318-01	Instrumnet Name :	P8
Client Sample ID :	390605741-OH-2001	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:35:20	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	617	542	558	572	6.88	cps
Zirconium	91-1	83	133	183	133	37.50	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3319-01	Instrumnet Name :	P8
Client Sample ID :	390605740-OH-1044	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:39:06	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4971	5241	5895	5369	8.85	cps
Antimony	121-1	125	125	133	128	3.77	cps
Arsenic	75-1	1139	1292	1174	1201	6.66	cps
Barium	135-1	1784	1834	1650	1756	5.40	cps
Barium	137-1	3225	3384	3067	3225	4.91	cps
Beryllium	9-1	317	323	227	289	18.69	cps
Bismuth	209-1	996148	968460	971305	978637	1.56	cps
Bismuth	209-2	1085392	1105690	1118862	1103315	1.53	cps
Boron	10-1	693	663	600	652	7.31	cps
Boron	11-1	3490	3380	3480	3450	1.76	cps
Cadmium	111-1	703	660	705	690	3.68	cps
Cadmium	106-1	650	542	650	614	10.19	cps
Cadmium	108-1	50	21	29	33	45.07	cps
Calcium	43-1	78059	77304	76608	77324	0.94	cps
Calcium	44-1	1236242	1235872	1233964	1235359	0.10	cps
Chromium	52-2	2534	2514	2700	2582	3.97	cps
Cobalt	59-2	50096	50839	51575	50837	1.45	cps
Copper	63-2	55393	55567	56712	55891	1.28	cps
Dysprosium	156-1	2067	2242	2067	2125	4.75	cps
Dysprosium	156-2	2097	2200	2254	2184	3.65	cps
Erbium	164-1	1825	1767	1884	1825	3.20	cps
Erbium	164-2	1650	1780	1650	1693	4.43	cps
Gadolinium	160-1	2450	2334	2384	2389	2.45	cps
Gadolinium	160-2	2597	2834	2650	2694	4.61	cps
Holmium	165-1	1636029	1621654	1624015	1627232	0.47	cps
Holmium	165-2	1586776	1641811	1662353	1630313	2.40	cps
Indium	115-1	1627835	1642320	1616800	1628985	0.79	cps
Indium	115-2	581222	584654	600807	588894	1.78	cps
Iron	56-2	562071	575258	584989	574106	2.00	cps
Iron	57-2	14091	13813	14485	14130	2.39	cps
Krypton	83-1	303	333	303	313	5.53	cps
Lead	206-1	1417	1367	1395	1393	1.80	cps
Lead	207-1	1200	1206	1117	1174	4.24	cps
Lead	208-1	5345	5345	5289	5326	0.60	cps
Lithium	6-1	256555	252917	251564	253679	1.02	cps
Magnesium	24-2	112409	113316	115046	113590	1.18	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3319-01	Instrumnet Name :	P8
Client Sample ID :	390605740-OH-1044	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:39:06	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15542	15572	15442	15519	0.44	cps
Molybdenum	94-1	250	250	283	261	7.37	cps
Molybdenum	95-1	0	33	58	31	95.79	cps
Molybdenum	96-1	67	92	92	83	17.32	cps
Molybdenum	97-1	200	158	175	178	11.80	cps
Molybdenum	98-1	42	50	50	47	10.18	cps
Neodymium	150-1	1547	1467	1580	1531	3.80	cps
Neodymium	150-2	1250	1250	1203	1235	2.18	cps
Nickel	60-2	14254	14781	14451	14495	1.84	cps
Phosphorus	31-2	3170	3297	3254	3240	1.99	cps
Potassium	39-2	269509	270989	273524	271340	0.75	cps
Rhodium	103-1	1557055	1544546	1499166	1533589	1.99	cps
Rhodium	103-2	1416906	1433041	1459324	1436424	1.49	cps
Scandium	45-1	1143438	1126704	1128768	1132970	0.81	cps
Scandium	45-2	80549	81156	82175	81293	1.01	cps
Selenium	77-2	7	20	7	11	69.25	cps
Selenium	78-2	38	25	38	34	22.29	cps
Selenium	82-1	-19	-63	-42	-41	-52.73	cps
Silicon	28-1	7428488	7101155	7019698	7183113	3.01	cps
Silver	109-1	117	242	133	164	41.41	cps
Silver	107-1	175	200	267	214	22.15	cps
Sodium	23-2	807228	822581	840638	823482	2.03	cps
Strontium	86-1	33408	34344	34051	33934	1.41	cps
Strontium	88-1	291100	292258	292762	292040	0.29	cps
Sulfur	34-1	211695	215037	213813	213515	0.79	cps
Terbium	159-1	1792428	1755700	1781554	1776561	1.06	cps
Terbium	159-2	1627466	1687664	1715588	1676906	2.69	cps
Thallium	203-1	475	375	450	433	12.01	cps
Thallium	205-1	908	867	983	920	6.43	cps
Tin	118-1	1067	1183	1208	1153	6.56	cps
Titanium	47-1	2367	2542	2284	2397	5.50	cps
Uranium	238-1	3409	3534	3459	3467	1.82	cps
Vanadium	51-2	727	710	717	718	1.17	cps
Yttrium	89-1	1775449	1800333	1748264	1774682	1.47	cps
Yttrium	89-2	459031	468720	474189	467313	1.64	cps
Zinc	66-2	101185	103637	107096	103973	2.86	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3319-01	Instrumnet Name :	P8
Client Sample ID :	390605740-OH-1044	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:39:06	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	725	708	650	694	5.67	cps
Zirconium	91-1	208	117	158	161	28.49	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3320-01	Instrumnet Name :	P8
Client Sample ID :	390605739-OH-1039	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:42:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8903	8949	8470	8774	3.02	cps
Antimony	121-1	92	83	133	103	26.06	cps
Arsenic	75-1	1190	1182	1116	1162	3.47	cps
Barium	135-1	3234	3092	3225	3184	2.50	cps
Barium	137-1	5210	5009	5726	5315	6.96	cps
Beryllium	9-1	413	457	520	463	11.58	cps
Bismuth	209-1	1003230	1007599	1021982	1010937	0.97	cps
Bismuth	209-2	1086047	1081353	1112987	1093462	1.56	cps
Boron	10-1	640	620	567	609	6.23	cps
Boron	11-1	3054	3040	2807	2967	4.68	cps
Cadmium	111-1	890	691	816	799	12.59	cps
Cadmium	106-1	567	567	600	578	3.33	cps
Cadmium	108-1	21	38	42	33	33.08	cps
Calcium	43-1	79441	78695	77790	78642	1.05	cps
Calcium	44-1	1271506	1280456	1278406	1276789	0.37	cps
Chromium	52-2	2444	2640	2417	2500	4.88	cps
Cobalt	59-2	132684	130892	132667	132081	0.78	cps
Copper	63-2	56631	56652	56343	56542	0.30	cps
Dysprosium	156-1	2042	1842	2109	1997	6.95	cps
Dysprosium	156-2	1877	1910	1820	1869	2.43	cps
Erbium	164-1	1617	1667	1508	1597	5.07	cps
Erbium	164-2	1447	1513	1417	1459	3.39	cps
Gadolinium	160-1	2267	1984	2059	2103	6.98	cps
Gadolinium	160-2	2284	2364	2360	2336	1.94	cps
Holmium	165-1	1697442	1661181	1725556	1694726	1.90	cps
Holmium	165-2	1606740	1596713	1635088	1612847	1.23	cps
Indium	115-1	1718152	1669147	1712174	1699824	1.57	cps
Indium	115-2	587618	573801	595587	585668	1.88	cps
Iron	56-2	768173	761437	762829	764146	0.47	cps
Iron	57-2	19397	19319	19325	19347	0.22	cps
Krypton	83-1	300	300	317	306	3.15	cps
Lead	206-1	1422	1328	1217	1322	7.78	cps
Lead	207-1	978	1050	1167	1065	8.95	cps
Lead	208-1	5262	4989	4773	5008	4.89	cps
Lithium	6-1	259964	252168	254509	255547	1.57	cps
Magnesium	24-2	125668	124922	129001	126530	1.72	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3320-01	Instrumnet Name :	P8
Client Sample ID :	390605739-OH-1039	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:42:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	36391	35211	36374	35992	1.88	cps
Molybdenum	94-1	550	575	792	639	20.80	cps
Molybdenum	95-1	25	33	17	25	33.32	cps
Molybdenum	96-1	133	125	125	128	3.77	cps
Molybdenum	97-1	225	192	108	175	34.34	cps
Molybdenum	98-1	75	83	75	78	6.19	cps
Neodymium	150-1	2054	2034	2520	2202	12.51	cps
Neodymium	150-2	1610	1653	1577	1613	2.38	cps
Nickel	60-2	20532	19597	20248	20126	2.38	cps
Phosphorus	31-2	3140	3254	3330	3242	2.95	cps
Potassium	39-2	275219	270753	277275	274416	1.22	cps
Rhodium	103-1	1569133	1565381	1644738	1593084	2.81	cps
Rhodium	103-2	1426331	1403859	1456718	1428969	1.86	cps
Scandium	45-1	1191076	1150636	1238263	1193325	3.68	cps
Scandium	45-2	81011	80904	81579	81165	0.45	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	39	31	31	34	13.72	cps
Selenium	82-1	-51	-40	-34	-41	-20.52	cps
Silicon	28-1	7216942	7065379	7256917	7179746	1.41	cps
Silver	109-1	283	208	225	239	16.49	cps
Silver	107-1	283	225	200	236	18.11	cps
Sodium	23-2	802762	795358	815785	804635	1.29	cps
Strontium	86-1	34068	32856	32673	33199	2.28	cps
Strontium	88-1	287813	283662	286290	285921	0.73	cps
Sulfur	34-1	208830	210293	207612	208912	0.64	cps
Terbium	159-1	1825352	1787401	1853404	1822053	1.82	cps
Terbium	159-2	1672627	1652669	1691468	1672255	1.16	cps
Thallium	203-1	475	500	592	522	11.76	cps
Thallium	205-1	1117	1317	1292	1242	8.78	cps
Tin	118-1	875	767	942	861	10.26	cps
Titanium	47-1	3635	7747	3125	4836	52.40	cps
Uranium	238-1	3759	3776	3892	3809	1.91	cps
Vanadium	51-2	710	703	753	722	3.76	cps
Yttrium	89-1	1819305	1777509	1855599	1817471	2.15	cps
Yttrium	89-2	460227	462275	472883	465129	1.46	cps
Zinc	66-2	124281	121802	122962	123015	1.01	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3320-01	Instrumnet Name :	P8
Client Sample ID :	390605739-OH-1039	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:42:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1308	1333	1342	1328	1.31	cps
Zirconium	91-1	258	250	325	278	14.80	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : K3371-01 Instrumnet Name : P8
 Client Sample ID : 390530740.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 17:46:41 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56354	56337	56372	56355	0.03	cps
Antimony	121-1	408	558	542	503	16.35	cps
Arsenic	75-1	4373	4117	4481	4324	4.32	cps
Barium	135-1	25200	24323	24766	24763	1.77	cps
Barium	137-1	42201	43815	43976	43331	2.27	cps
Beryllium	9-1	120	100	90	103	14.78	cps
Bismuth	209-1	991803	982511	976831	983715	0.77	cps
Bismuth	209-2	1078938	1099967	1099132	1092679	1.09	cps
Boron	10-1	663	660	830	718	13.54	cps
Boron	11-1	3901	3834	3711	3815	2.53	cps
Cadmium	111-1	373	570	328	424	30.27	cps
Cadmium	106-1	500	767	450	572	29.75	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	34794	34919	36698	35470	3.00	cps
Calcium	44-1	548693	544533	537566	543597	1.03	cps
Chromium	52-2	5168	4914	5158	5080	2.83	cps
Cobalt	59-2	5001	4924	5238	5054	3.23	cps
Copper	63-2	199971	201444	202253	201223	0.58	cps
Dysprosium	156-1	825	867	792	828	4.54	cps
Dysprosium	156-2	867	797	673	779	12.57	cps
Erbium	164-1	683	775	592	683	13.42	cps
Erbium	164-2	637	570	680	629	8.81	cps
Gadolinium	160-1	750	800	708	753	6.10	cps
Gadolinium	160-2	823	767	823	804	4.07	cps
Holmium	165-1	1670463	1603412	1644293	1639390	2.06	cps
Holmium	165-2	1617280	1637589	1619064	1624644	0.69	cps
Indium	115-1	1686651	1640930	1665431	1664337	1.37	cps
Indium	115-2	573944	588766	592239	584983	1.66	cps
Iron	56-2	23552651	23857753	23994341	23801582	0.95	cps
Iron	57-2	582000	585867	592994	586953	0.95	cps
Krypton	83-1	330	327	247	301	15.67	cps
Lead	206-1	12784	11817	11728	12110	4.84	cps
Lead	207-1	9771	9771	9587	9709	1.09	cps
Lead	208-1	46951	45571	45405	45976	1.85	cps
Lithium	6-1	248660	248242	249125	248676	0.18	cps
Magnesium	24-2	134016	136048	136123	135396	0.88	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3371-01	Instrumnet Name :	P8
Client Sample ID :	390530740.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:46:41	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	234866	236590	238489	236648	0.77	cps
Molybdenum	94-1	1092	1267	1927	1429	30.84	cps
Molybdenum	95-1	475	450	417	447	6.54	cps
Molybdenum	96-1	842	650	658	717	15.12	cps
Molybdenum	97-1	408	425	292	375	19.37	cps
Molybdenum	98-1	642	617	783	681	13.21	cps
Neodymium	150-1	1167	1233	1167	1189	3.24	cps
Neodymium	150-2	1080	893	807	927	15.08	cps
Nickel	60-2	3881	4011	3827	3906	2.41	cps
Phosphorus	31-2	1403	1430	1330	1388	3.73	cps
Potassium	39-2	390161	397834	397452	395149	1.09	cps
Rhodium	103-1	1578621	1524956	1531809	1545129	1.89	cps
Rhodium	103-2	1430170	1437698	1473852	1447240	1.61	cps
Scandium	45-1	1147935	1133804	1140622	1140787	0.62	cps
Scandium	45-2	80539	80841	81541	80974	0.64	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	44	27	35	35	24.07	cps
Selenium	82-1	-86	-55	16	-41	-126.15	cps
Silicon	28-1	17895124	17639613	18180318	17905019	1.51	cps
Silver	109-1	225	225	258	236	8.15	cps
Silver	107-1	308	242	250	267	13.62	cps
Sodium	23-2	658936	673678	671621	668079	1.20	cps
Strontium	86-1	29516	28914	29892	29441	1.67	cps
Strontium	88-1	257393	254936	253614	255314	0.75	cps
Sulfur	34-1	190670	189352	190933	190318	0.45	cps
Terbium	159-1	1771512	1750493	1789596	1770534	1.11	cps
Terbium	159-2	1638544	1688595	1737116	1688085	2.92	cps
Thallium	203-1	58	83	67	69	18.33	cps
Thallium	205-1	108	92	125	108	15.38	cps
Tin	118-1	1667	1408	1617	1564	8.76	cps
Titanium	47-1	19199	19396	16536	18377	8.69	cps
Uranium	238-1	858	850	933	881	5.21	cps
Vanadium	51-2	4311	4167	4067	4182	2.93	cps
Yttrium	89-1	1814386	1812066	1792303	1806252	0.67	cps
Yttrium	89-2	465339	468148	471453	468313	0.65	cps
Zinc	66-2	114700	115187	116537	115475	0.82	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	K3371-01	Instrumnet Name :	P8
Client Sample ID :	390530740.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:46:41	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1867	2192	2050	2036	8.01	cps
Zirconium	91-1	392	475	383	417	12.17	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:50:28	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1559033	1570149	1552293	1560492	0.58	cps
Antimony	121-1	1439591	1452815	1443157	1445188	0.47	cps
Arsenic	75-1	522667	517819	517927	519471	0.53	cps
Barium	135-1	1298490	1314549	1303695	1305578	0.63	cps
Barium	137-1	2237161	2255510	2228982	2240551	0.61	cps
Beryllium	9-1	275095	276295	276385	275925	0.26	cps
Bismuth	209-1	964496	962034	964236	963589	0.14	cps
Bismuth	209-2	1068546	1071959	1071145	1070550	0.17	cps
Boron	10-1	29280	29661	30058	29666	1.31	cps
Boron	11-1	142508	144239	148363	145037	2.07	cps
Cadmium	111-1	335889	333214	337082	335395	0.59	cps
Cadmium	106-1	36934	36776	36057	36589	1.28	cps
Cadmium	108-1	25215	25194	24401	24937	1.86	cps
Calcium	43-1	1800003	1792349	1811010	1801121	0.52	cps
Calcium	44-1	28454390	28382364	28701282	28512679	0.59	cps
Chromium	52-2	659163	654370	654050	655861	0.44	cps
Cobalt	59-2	1088938	1087535	1090011	1088828	0.11	cps
Copper	63-2	1838913	1852335	1820319	1837189	0.88	cps
Dysprosium	156-1	67	17	25	36	74.18	cps
Dysprosium	156-2	20	10	10	13	43.30	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	33	33	8	25	57.74	cps
Gadolinium	160-2	13	20	13	16	24.76	cps
Holmium	165-1	1709409	1671396	1698881	1693229	1.16	cps
Holmium	165-2	1630716	1680349	1655374	1655480	1.50	cps
Indium	115-1	1618679	1619615	1615187	1617827	0.14	cps
Indium	115-2	566373	569853	565231	567152	0.42	cps
Iron	56-2	127435825	127424006	126486697	127115509	0.43	cps
Iron	57-2	3212225	3225010	3225010	3220749	0.23	cps
Krypton	83-1	287	357	323	322	10.87	cps
Lead	206-1	617574	619911	615555	617680	0.35	cps
Lead	207-1	550358	552653	554822	552611	0.40	cps
Lead	208-1	2475176	2477730	2487064	2479990	0.25	cps
Lithium	6-1	248522	248012	246758	247764	0.37	cps
Magnesium	24-2	18631113	18831601	18621110	18694608	0.64	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:50:28	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	641773	643958	638024	641252	0.47	cps
Molybdenum	94-1	2338418	2324205	2337120	2333248	0.34	cps
Molybdenum	95-1	2838483	2837237	2869122	2848280	0.63	cps
Molybdenum	96-1	3188599	3127578	3146029	3154068	0.99	cps
Molybdenum	97-1	1768852	1705165	1722601	1732206	1.90	cps
Molybdenum	98-1	4530385	4385080	4488913	4468126	1.68	cps
Neodymium	150-1	160	60	147	122	44.43	cps
Neodymium	150-2	33	17	27	26	32.81	cps
Nickel	60-2	308371	308391	308955	308573	0.11	cps
Phosphorus	31-2	27817	28382	27981	28060	1.04	cps
Potassium	39-2	9903535	9777963	9814951	9832150	0.66	cps
Rhodium	103-1	1489429	1478037	1484605	1484024	0.39	cps
Rhodium	103-2	1379637	1370868	1355150	1368552	0.91	cps
Scandium	45-1	1173876	1215310	1182102	1190429	1.84	cps
Scandium	45-2	81554	82459	81430	81815	0.69	cps
Selenium	77-2	1890	1810	1837	1846	2.21	cps
Selenium	78-2	6306	6336	6142	6261	1.67	cps
Selenium	82-1	25165	23706	24200	24357	3.05	cps
Silicon	28-1	3254742	3212512	3246144	3237799	0.69	cps
Silver	109-1	1459795	1461652	1458041	1459829	0.12	cps
Silver	107-1	1526224	1550442	1519111	1531926	1.07	cps
Sodium	23-2	38262706	38547159	38477619	38429161	0.39	cps
Strontium	86-1	367896	367275	366394	367189	0.21	cps
Strontium	88-1	3195194	3154408	3217546	3189049	1.00	cps
Sulfur	34-1	329931	327940	328877	328916	0.30	cps
Terbium	159-1	1816067	1794864	1830696	1813876	0.99	cps
Terbium	159-2	1707272	1716412	1705695	1709793	0.34	cps
Thallium	203-1	761130	775690	763028	766616	1.03	cps
Thallium	205-1	1824471	1886391	1836632	1849165	1.77	cps
Tin	118-1	873385	882093	882805	879428	0.60	cps
Titanium	47-1	877183	873537	876630	875783	0.22	cps
Uranium	238-1	2104264	2106366	2101935	2104189	0.11	cps
Vanadium	51-2	535979	537029	536219	536409	0.10	cps
Yttrium	89-1	1807617	1792730	1772170	1790839	0.99	cps
Yttrium	89-2	461600	464139	461366	462368	0.33	cps
Zinc	66-2	296266	294667	292972	294635	0.56	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:50:28	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1989885	1933190	1941912	1954995	1.56	cps
Zirconium	91-1	435213	430459	430060	431911	0.66	cps

LB Number : LB103431 Operator : Jaswal
 Lab Sample ID : CCB03 Instrumnet Name : P8
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-14 17:54:41 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	110	140	120	14.43	cps
Antimony	121-1	250	308	192	250	23.34	cps
Arsenic	75-1	1177	1177	1106	1153	3.54	cps
Barium	135-1	33	33	8	25	57.74	cps
Barium	137-1	33	58	33	42	34.64	cps
Beryllium	9-1	103	97	70	90	19.60	cps
Bismuth	209-1	988158	961701	977762	975874	1.37	cps
Bismuth	209-2	1085170	1084292	1068900	1079454	0.85	cps
Boron	10-1	833	750	730	771	7.11	cps
Boron	11-1	3931	3554	3654	3713	5.26	cps
Cadmium	111-1	383	392	399	392	2.02	cps
Cadmium	106-1	550	558	558	556	0.87	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	2425	2284	2800	2503	10.67	cps
Calcium	44-1	15058	15901	14783	15248	3.82	cps
Chromium	52-2	707	700	683	697	1.72	cps
Cobalt	59-2	50	20	60	43	48.04	cps
Copper	63-2	987	987	1050	1008	3.63	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	25	0	25	17	86.60	cps
Gadolinium	160-2	20	3	0	8	137.80	cps
Holmium	165-1	1668367	1616194	1653166	1645909	1.63	cps
Holmium	165-2	1585825	1591228	1583432	1586828	0.25	cps
Indium	115-1	1627954	1597596	1648916	1624822	1.59	cps
Indium	115-2	576969	576972	571822	575254	0.52	cps
Iron	56-2	4056	4223	4051	4110	2.38	cps
Iron	57-2	139	106	122	122	13.63	cps
Krypton	83-1	260	367	327	318	16.96	cps
Lead	206-1	289	333	306	309	7.26	cps
Lead	207-1	261	250	261	257	2.49	cps
Lead	208-1	1139	1172	1256	1189	5.05	cps
Lithium	6-1	259180	255006	257147	257111	0.81	cps
Magnesium	24-2	810	797	727	778	5.76	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:54:41	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	83	43	58	38.41	cps
Molybdenum	94-1	175	58	183	139	50.32	cps
Molybdenum	95-1	67	75	67	69	6.93	cps
Molybdenum	96-1	192	117	142	150	25.46	cps
Molybdenum	97-1	208	150	150	169	19.87	cps
Molybdenum	98-1	150	192	142	161	16.63	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	37	27	38	30.98	cps
Phosphorus	31-2	753	813	780	782	3.84	cps
Potassium	39-2	30657	30065	29865	30196	1.36	cps
Rhodium	103-1	1580027	1592503	1588068	1586866	0.40	cps
Rhodium	103-2	1441609	1426815	1423045	1430490	0.69	cps
Scandium	45-1	1154795	1141643	1146839	1147759	0.58	cps
Scandium	45-2	80509	79892	80150	80184	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	41	43	40	10.50	cps
Selenium	82-1	-2	-109	-49	-53	-100.56	cps
Silicon	28-1	2629957	2636729	2628092	2631593	0.17	cps
Silver	109-1	392	350	292	344	14.58	cps
Silver	107-1	375	267	308	317	17.26	cps
Sodium	23-2	28291	27627	27503	27807	1.52	cps
Strontium	86-1	392	408	408	403	2.39	cps
Strontium	88-1	92	67	75	78	16.37	cps
Sulfur	34-1	217540	220747	220938	219742	0.87	cps
Terbium	159-1	1808572	1768963	1748977	1775504	1.71	cps
Terbium	159-2	1616018	1696116	1674997	1662377	2.50	cps
Thallium	203-1	50	67	58	58	14.29	cps
Thallium	205-1	183	142	183	169	14.20	cps
Tin	118-1	175	183	150	169	10.24	cps
Titanium	47-1	1708	1708	1633	1683	2.57	cps
Uranium	238-1	33	75	17	42	72.11	cps
Vanadium	51-2	23	23	23	23	0.00	cps
Yttrium	89-1	1764548	1762585	1779099	1768744	0.51	cps
Yttrium	89-2	462129	458336	456576	459014	0.62	cps
Zinc	66-2	127	150	183	153	18.57	cps

LB Number :	LB103431	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-14 17:54:41	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	225	125	150	167	31.23	cps
Zirconium	91-1	17	33	58	36	58.08	cps