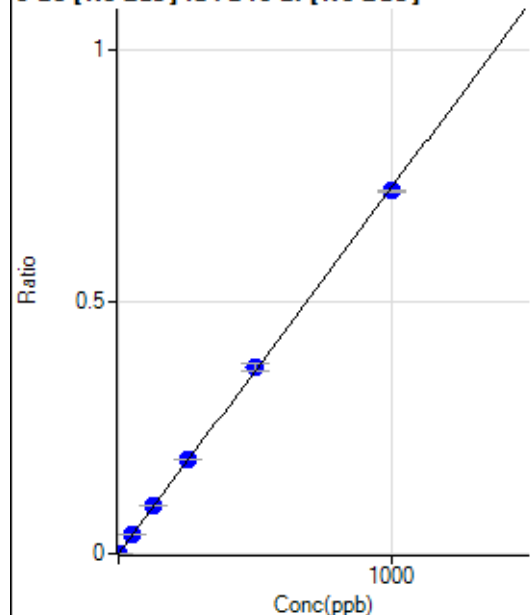


Calibration for 005CALS.d

Batch Folder: D:\ICP-MS Data\P7052218 MS.b\
 Analysis File: P7052218 MS.batch.bin
 DA Date-Time: 2018-05-22 15:17:06
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-05-22 12:45:04
2			
3	005CALS.d	S02	2018-05-22 12:53:22
4	006CALS.d	S03	2018-05-22 12:57:14
5	007CALS.d	S04	2018-05-22 13:01:07
6	008CALS.d	S05	2018-05-22 13:04:55
7	009CALS.d	S06	2018-05-22 13:08:42
8	010CALS.d	S07	2018-05-22 13:12:26
9	011CALS.d	S08	2018-05-22 13:16:10

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0001	P	13.9
2	☐	0.100					
3	☐	1.000	0.978	1516.78	0.0008	P	9.4
4	☐	50.000	53.056	74296.28	0.0386	P	0.9
5	☐	125.000	130.371	184501.75	0.0947	P	0.8
6	☐	250.000	258.279	352146.56	0.1874	P	0.1
7	☐	500.000	511.298	661615.10	0.3710	P	4.5
8	☐	1000.000	991.457	1292472.34	0.7193	P	0.4
9	☐			581.51	0.0003	P	4.2

$$y = 7.2545\text{E-}004 * x + 7.9994\text{E-}005$$

$$R = 0.9999$$

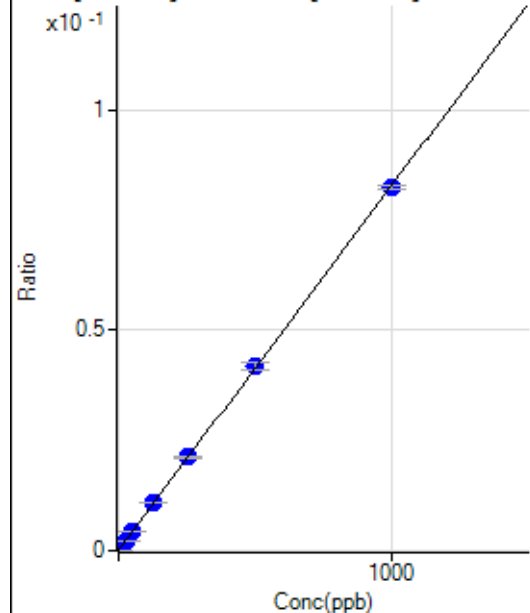
$$DL = 0.04595$$

$$BEC = 0.1103$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0001	P	19.3
2	☐	2.500					
3	☐	25.000	23.649	3947.90	0.0021	P	5.4
4	☐	50.000	50.500	8244.26	0.0043	P	1.9
5	☐	125.000	130.427	21232.37	0.0109	P	3.6
6	☐	250.000	255.883	39964.70	0.0213	P	2.0
7	☐	500.000	507.276	75044.92	0.0421	P	4.2
8	☐	1000.000	994.221	148008.59	0.0824	P	1.0
9	☐			3889.53	0.0021	P	6.3

$$y = 8.2750\text{E-}005 * x + 1.0060\text{E-}004$$

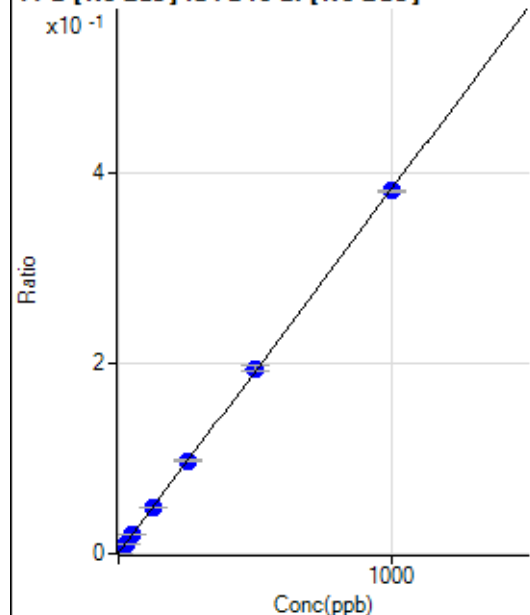
$$R = 0.9999$$

$$DL = 0.703$$

$$BEC = 1.216$$

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	916.74	0.0005	P	12.0
2	☐	2.500					
3	☐	25.000	23.894	18492.51	0.0096	P	1.4
4	☐	50.000	52.094	39352.06	0.0204	P	2.5
5	☐	125.000	126.353	95212.35	0.0488	P	2.1
6	☐	250.000	254.419	183845.98	0.0979	P	0.7
7	☐	500.000	506.185	346501.56	0.1942	P	3.0
8	☐	1000.000	995.557	685522.85	0.3815	P	0.8
9	☐			17772.19	0.0096	P	6.5

$$y = 3.8273E-004 * x + 4.8892E-004$$

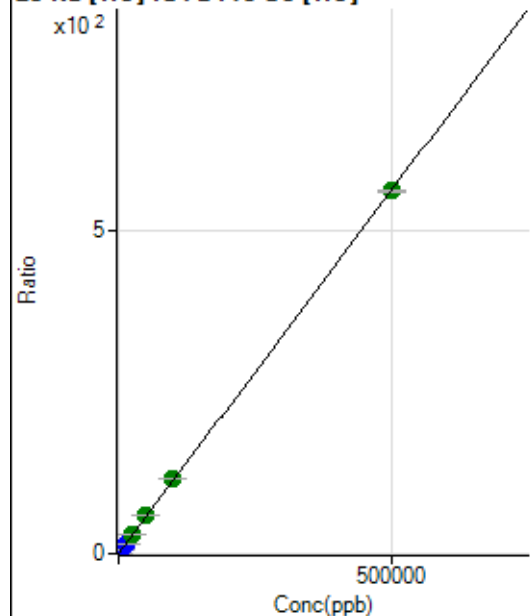
$$R = 1.0000$$

$$DL = 0.4583$$

$$BEC = 1.277$$

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	14279.50	0.0573	P	2.4
2	☐	50.000					
3	☐	500.000	465.634	148012.56	0.5811	P	0.7
4	☐	5000.000	5126.650	1455470.62	5.8238	P	0.5
5	☐	12500.000	13233.273	3615711.19	14.9422	P	1.1
6	☐	25000.000	26884.039	6927829.06	30.2966	A	0.2
7	☐	50000.000	52370.268	13504312.11	58.9636	A	0.3
8	☐	100000.00	102563.69	26831758.24	115.4214	A	0.3
9	☐	500000.00	499136.46	135829225.2	561.4879	A	0.8

$$y = 0.0011 * x + 0.0573$$

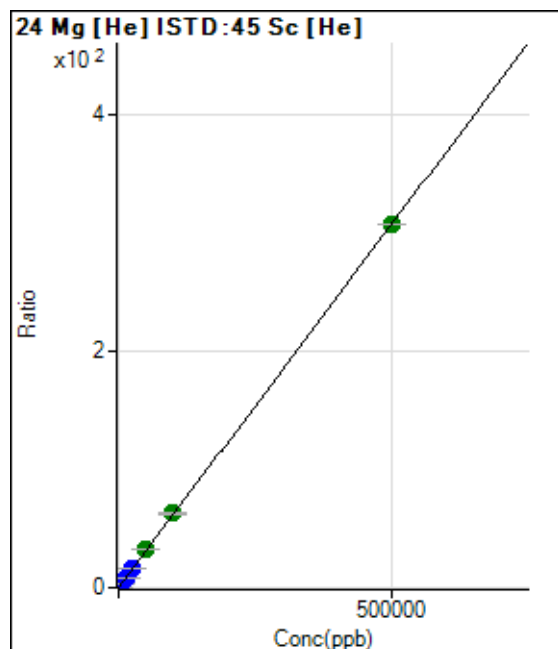
$$R = 1.0000$$

$$DL = 3.735$$

$$BEC = 50.97$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	941.73	0.0038	P	3.9
2	☐	50.000					
3	☐	500.000	463.349	73477.64	0.2885	P	1.0
4	☐	5000.000	5071.509	779689.26	3.1198	P	0.3
5	☐	12500.000	12865.373	1913703.97	7.9085	P	0.5
6	☐	25000.000	26731.317	3756545.26	16.4280	P	0.4
7	☐	50000.000	52033.958	7322863.71	31.9744	A	0.6
8	☐	100000.00	102008.13	14570622.20	62.6795	A	0.7
9	☐	500000.00	499298.59	74219097.49	306.7821	A	0.1

$$y = 6.1442\text{E-}004 * x + 0.0038$$

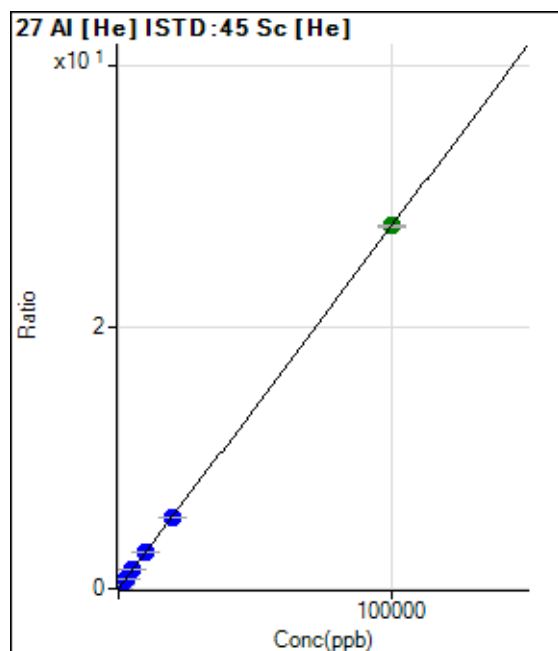
$$R = 1.0000$$

$$DL = 0.7147$$

$$BEC = 6.154$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0003	P	40.7
2	☐	2.000					
3	☐	20.000	18.301	1369.57	0.0054	P	2.6
4	☐	1000.000	999.872	69369.69	0.2776	P	0.7
5	☐	2500.000	2512.679	168677.41	0.6971	P	0.8
6	☐	5000.000	5129.265	325303.97	1.4227	P	0.9
7	☐	10000.000	10051.907	638443.61	2.7877	P	0.8
8	☐	20000.000	19812.981	1277288.94	5.4945	P	0.2
9	☐	100000.00	100025.43	6710111.52	27.7375	A	0.6

$$y = 2.7730\text{E-}004 * x + 3.0148\text{E-}004$$

$$R = 1.0000$$

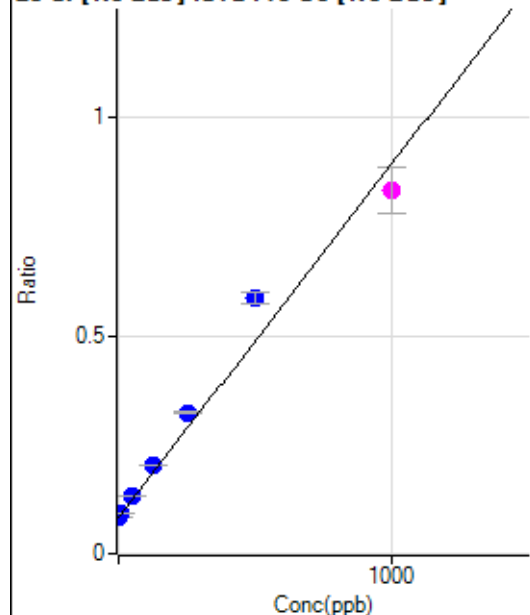
$$DL = 1.327$$

$$BEC = 1.087$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	437231.17	0.0830	P	0.2
2	☐	1.000					
3	☐	10.000	11.922	503195.04	0.0927	P	1.5
4	☐	50.000	59.387	699458.87	0.1311	P	0.4
5	☐	125.000	147.751	1077139.87	0.2027	P	0.3
6	☐	250.000	297.165	1630661.50	0.3237	P	0.4
7	☐	500.000	620.657	2783799.30	0.5857	P	4.5
8	☐	1000.000	924.548	4072029.39	0.8318	M	12.8
9	☐			835478.87	0.1645	P	1.4

$$y = 8.0991\text{E-}004 * x + 0.0830$$

$$R = 0.9870$$

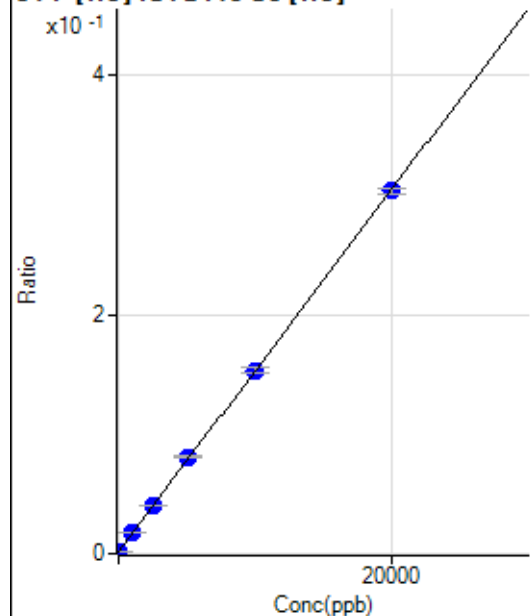
$$DL = 0.6021$$

$$BEC = 102.5$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.489	413.92	0.0017	P	2.5
2	☐	0.000					
3	☐	0.000	-0.489	419.47	0.0016	P	11.1
4	☐	1000.000	1067.212	4448.08	0.0178	P	1.2
5	☐	2500.000	2562.692	9781.37	0.0404	P	1.3
6	☐	5000.000	5231.038	18473.31	0.0808	P	1.4
7	☐	10000.000	10003.997	35033.90	0.1530	P	3.2
8	☐	20000.000	19929.045	70464.30	0.3031	P	1.5
9	☐			436.14	0.0018	P	2.5

$$y = 1.5128\text{E-}005 * x + 0.0017$$

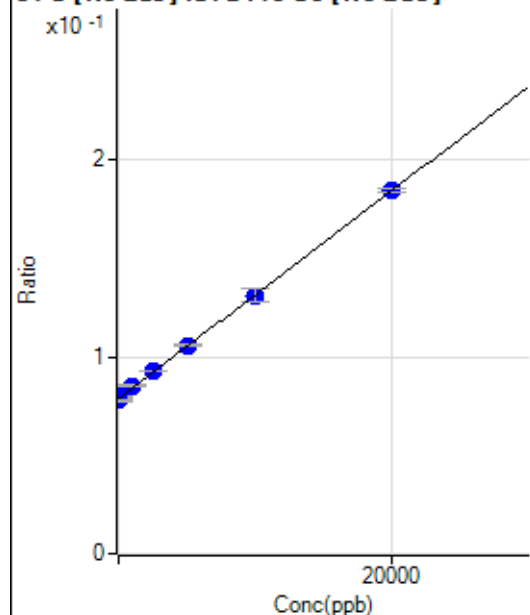
$$R = 0.9999$$

$$DL = 22.2$$

$$BEC = 109.4$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	171.197	419556.73	0.0797	P	0.4
2	☐	0.000					
3	☐	0.000	-171.197	422733.89	0.0778	P	1.4
4	☐	1000.000	1248.024	455275.65	0.0853	P	0.3
5	☐	2500.000	2621.279	492064.64	0.0926	P	0.6
6	☐	5000.000	5137.821	533323.58	0.1059	P	0.4
7	☐	10000.000	9931.248	623293.04	0.1312	P	5.1
8	☐	20000.000	19972.360	901492.48	0.1842	P	1.1
9	☐			362015.54	0.0713	P	1.2

$$y = 5.2773\text{E-}006 * x + 0.0788$$

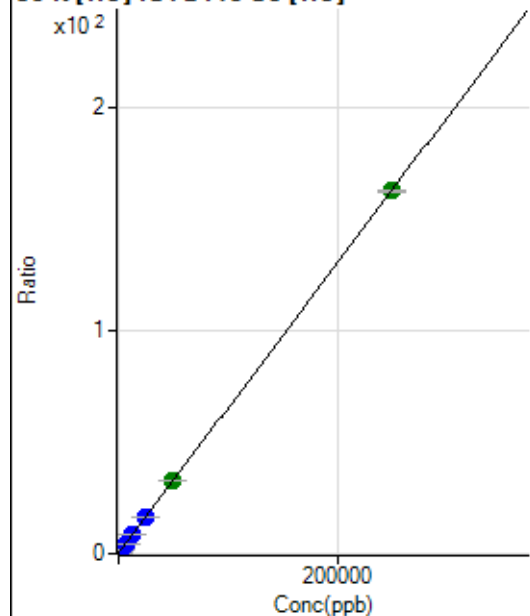
$$R = 0.9998$$

$$DL = 405.8$$

$$BEC = 1.492\text{E}+04$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37367.63	0.1500	P	2.3
2	☐	50.000					
3	☐	500.000	468.863	115698.29	0.4542	P	0.9
4	☐	2500.000	2596.281	458439.87	1.8344	P	0.7
5	☐	6250.000	6408.715	1042395.79	4.3078	P	1.3
6	☐	12500.000	12819.500	1936077.34	8.4668	P	0.7
7	☐	25000.000	25375.843	3804874.30	16.6129	P	0.1
8	☐	50000.000	49802.353	7545759.02	32.4599	A	0.5
9	☐	250000.00	249981.10	39269530.74	162.3285	A	0.7

$$y = 6.4876\text{E-}004 * x + 0.1500$$

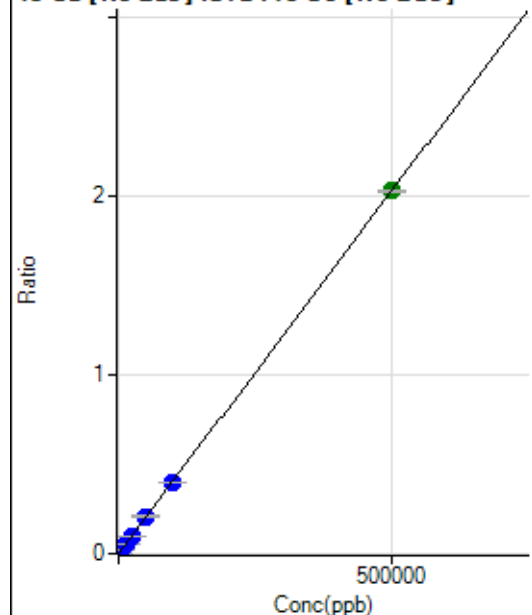
$$R = 1.0000$$

$$DL = 16.18$$

$$BEC = 231.3$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	441.69	0.0001	P	17.9
2	☐	50.000					
3	☐	500.000	461.150	10612.61	0.0020	P	4.6
4	☐	5000.000	5009.496	108879.56	0.0204	P	0.3
5	☐	12500.000	12333.195	266382.29	0.0501	P	0.1
6	☐	25000.000	24886.642	509071.97	0.1011	P	0.4
7	☐	50000.000	50493.219	974015.10	0.2049	P	4.8
8	☐	100000.00	97343.721	1933833.40	0.3950	P	0.3
9	☐	500000.00	500491.71	10314027.66	2.0307	A	0.9

$$y = 4.0573\text{E-}006 * x + 8.3849\text{E-}005$$

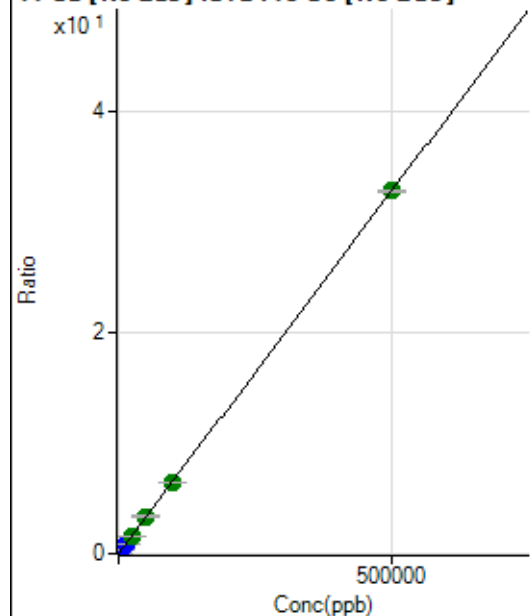
$$R = 1.0000$$

$$DL = 11.08$$

$$BEC = 20.67$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13273.13	0.0025	P	3.5
2	☐	50.000					
3	☐	500.000	447.668	173370.04	0.0319	P	1.1
4	☐	5000.000	5013.181	1770198.59	0.3318	P	0.4
5	☐	12500.000	12652.838	4430419.42	0.8336	P	0.2
6	☐	25000.000	25006.823	8287293.50	1.6451	A	0.5
7	☐	50000.000	50805.692	15871448.10	3.3397	A	5.0
8	☐	100000.00	97630.416	31405984.38	6.4155	A	0.2
9	☐	500000.00	500389.10	166950580.1	32.8711	A	0.2

$$y = 6.5686\text{E-}005 * x + 0.0025$$

$$R = 1.0000$$

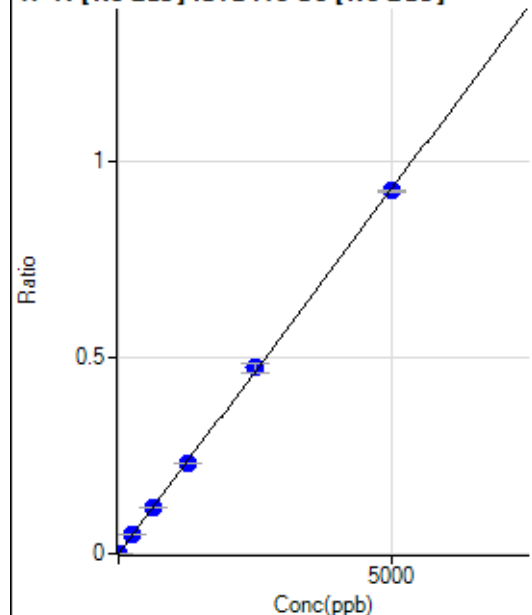
$$DL = 4.049$$

$$BEC = 38.36$$

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	130.56	0.0000	P	19.8
2	☐	0.500					
3	☐	5.000	4.695	4862.12	0.0009	P	3.2
4	☐	250.000	255.774	253138.95	0.0475	P	0.7
5	☐	625.000	629.738	620684.16	0.1168	P	0.6
6	☐	1250.000	1248.888	1166661.18	0.2316	P	0.3
7	☐	2500.000	2547.128	2244773.40	0.4723	P	4.7
8	☐	5000.000	4975.833	4516653.27	0.9226	P	0.3
9	☐			1497.37	0.0003	P	14.4

$$y = 1.8542E-004 * x + 2.4798E-005$$

$$R = 0.9999$$

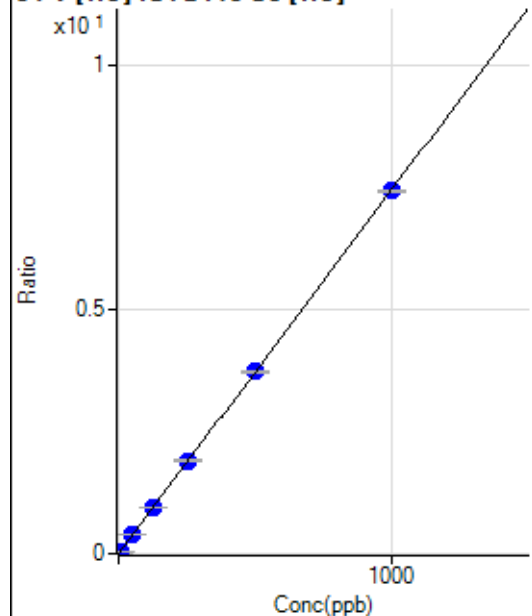
$$DL = 0.07943$$

$$BEC = 0.1337$$

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	11.11	0.0000	P	35.4
2	☐	0.500					
3	☐	5.000	4.686	8882.81	0.0349	P	1.4
4	☐	50.000	51.417	95513.33	0.3822	P	0.2
5	☐	125.000	128.041	230284.48	0.9517	P	0.5
6	☐	250.000	256.422	435789.06	1.9058	P	0.6
7	☐	500.000	500.402	851816.42	3.7191	P	0.4
8	☐	1000.000	997.744	1723885.31	7.4154	P	0.2
9	☐			1116.73	0.0046	P	7.1

$$y = 0.0074 * x + 4.4722E-005$$

$$R = 1.0000$$

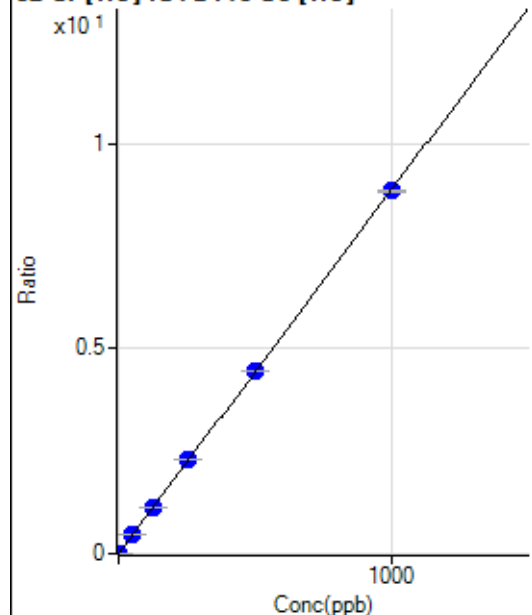
$$DL = 0.00639$$

$$BEC = 0.006017$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	217.78	0.0009	P	8.6
2	☐	0.200					
3	☐	2.000	2.062	4879.77	0.0192	P	3.3
4	☐	50.000	51.809	115043.22	0.4603	P	0.3
5	☐	125.000	128.943	276916.05	1.1444	P	0.6
6	☐	250.000	258.144	523676.90	2.2902	P	0.4
7	☐	500.000	500.648	1017105.75	4.4408	P	0.5
8	☐	1000.000	997.056	2055763.11	8.8430	P	0.3
9	☐			105203.75	0.4349	P	1.1

$$y = 0.0089 * x + 8.7477E-004$$

$$R = 1.0000$$

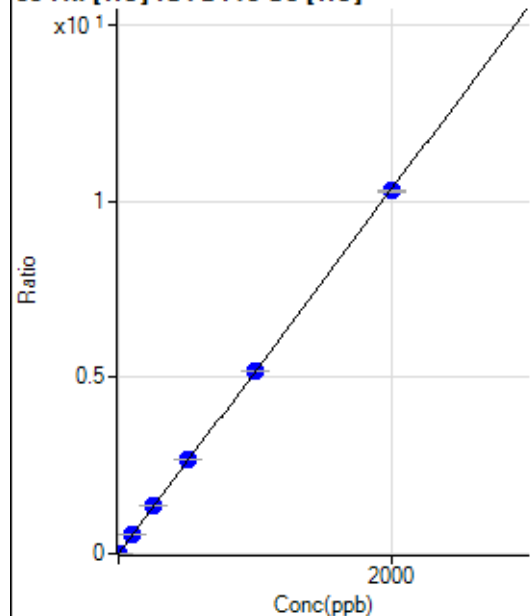
$$DL = 0.02538$$

$$BEC = 0.09864$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	167.78	0.0007	P	8.0
2	☐	0.100					
3	☐	1.000	1.125	1651.23	0.0065	P	0.7
4	☐	100.000	104.039	134422.95	0.5379	P	0.3
5	☐	250.000	259.230	324058.48	1.3392	P	0.5
6	☐	500.000	519.188	613155.20	2.6815	P	0.7
7	☐	1000.000	1005.053	1188731.52	5.1902	P	0.2
8	☐	2000.000	1991.321	2390413.09	10.2828	P	0.4
9	☐			12600.03	0.0521	P	1.6

$$y = 0.0052 * x + 6.7398E-004$$

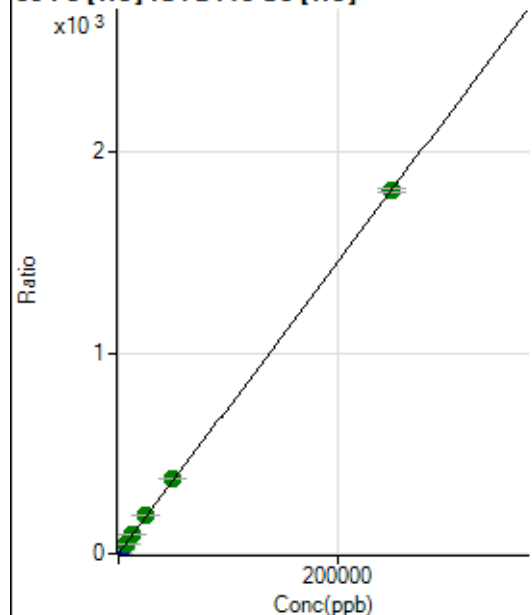
$$R = 0.9999$$

$$DL = 0.03118$$

$$BEC = 0.1305$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7923.07	0.0318	P	7.0
2	☐	5.000					
3	☐	50.000	50.908	101988.73	0.4004	P	1.1
4	☐	2500.000	2687.587	4871163.53	19.4912	P	0.4
5	☐	6250.000	6672.659	11698543.89	48.3450	A	0.6
6	☐	12500.000	13374.335	22150266.70	96.8683	A	0.4
7	☐	25000.000	25951.995	43042365.78	187.9366	A	0.5
8	☐	50000.000	51288.966	86336638.97	371.3883	A	0.2
9	☐	250000.00	249590.84	437170202.3	1,807.188	A	0.9

$$y = 0.0072 * x + 0.0318$$

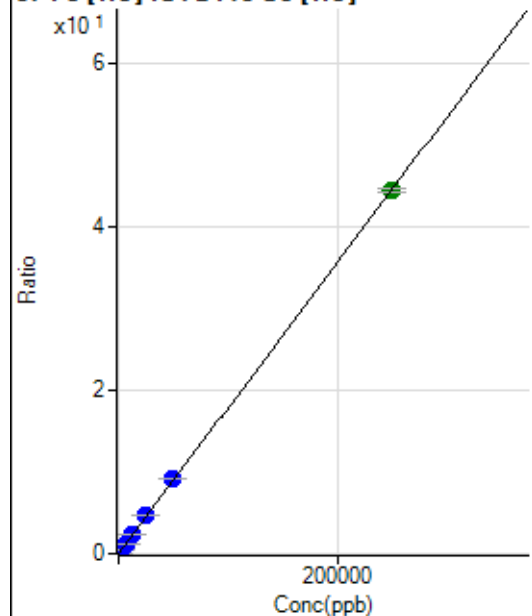
$$R = 1.0000$$

$$DL = 0.9158$$

$$BEC = 4.391$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	470.39	0.0019	P	15.2
2	☐	5.000					
3	☐	50.000	53.398	2902.21	0.0114	P	8.1
4	☐	2500.000	2688.157	120059.14	0.4804	P	1.0
5	☐	6250.000	6654.827	287106.20	1.1865	P	1.1
6	☐	12500.000	13395.415	545673.49	2.3863	P	0.3
7	☐	25000.000	25956.422	1058630.35	4.6223	P	0.3
8	☐	50000.000	51371.902	2126292.28	9.1464	P	0.4
9	☐	250000.00	249573.20	10747119.22	44.4273	A	1.1

$$y = 1.7801E-004 * x + 0.0019$$

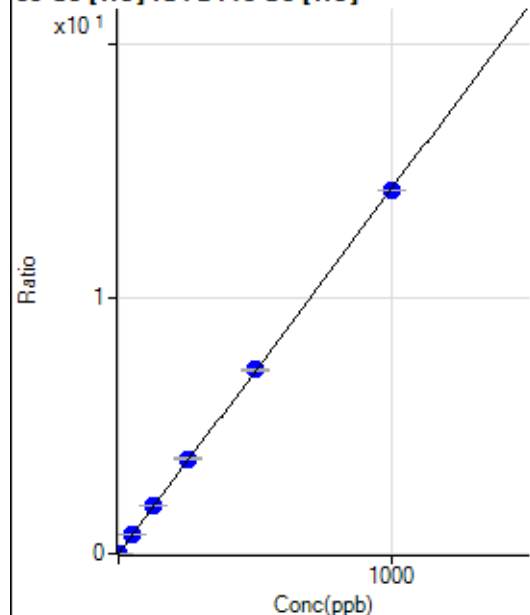
$$R = 1.0000$$

$$DL = 4.83$$

$$BEC = 10.62$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	92.22	0.0004	P	30.7
2	☐	0.100					
3	☐	1.000	0.971	3632.73	0.0143	P	2.4
4	☐	50.000	52.591	188052.42	0.7525	P	0.9
5	☐	125.000	129.724	449006.32	1.8555	P	0.5
6	☐	250.000	260.766	852810.48	3.7296	P	0.8
7	☐	500.000	503.862	1650387.96	7.2061	P	0.4
8	☐	1000.000	994.658	3306883.53	14.2249	P	0.1
9	☐			6169.17	0.0255	P	4.5

$$y = 0.0143 * x + 3.7063E-004$$

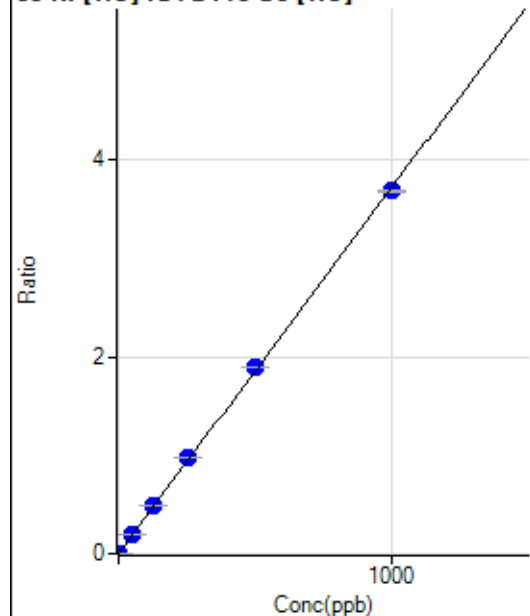
$$R = 0.9999$$

$$DL = 0.02388$$

$$BEC = 0.02592$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	217.78	0.0009	P	5.3
2	☐	0.100					
3	☐	1.000	0.970	1141.18	0.0045	P	6.7
4	☐	50.000	54.019	50400.86	0.2017	P	0.3
5	☐	125.000	132.491	119381.85	0.4934	P	1.1
6	☐	250.000	264.201	224762.11	0.9829	P	0.4
7	☐	500.000	507.489	432244.40	1.8873	P	0.1
8	☐	1000.000	991.568	857035.42	3.6866	P	0.4
9	☐			27410.23	0.1133	P	0.6

$$y = 0.0037 * x + 8.7406E-004$$

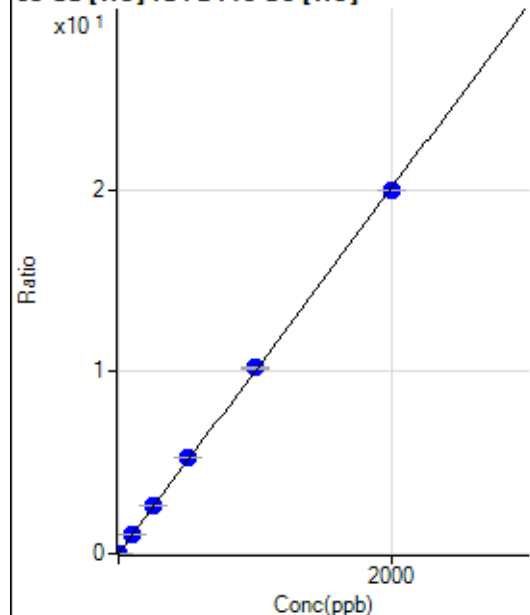
$$R = 0.9998$$

$$DL = 0.03757$$

$$BEC = 0.2351$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1300.08	0.0052	P	7.8
2	☐	0.200					
3	☐	2.000	1.956	6338.14	0.0249	P	0.5
4	☐	100.000	106.142	267878.44	1.0719	P	0.6
5	☐	250.000	263.130	641134.30	2.6495	P	0.6
6	☐	500.000	528.142	1214832.95	5.3128	P	0.9
7	☐	1000.000	1014.513	2336167.22	10.2005	P	0.5
8	☐	2000.000	1983.760	4635672.98	19.9409	P	0.1
9	☐			10714.05	0.0443	P	1.6

$$y = 0.0100 * x + 0.0052$$

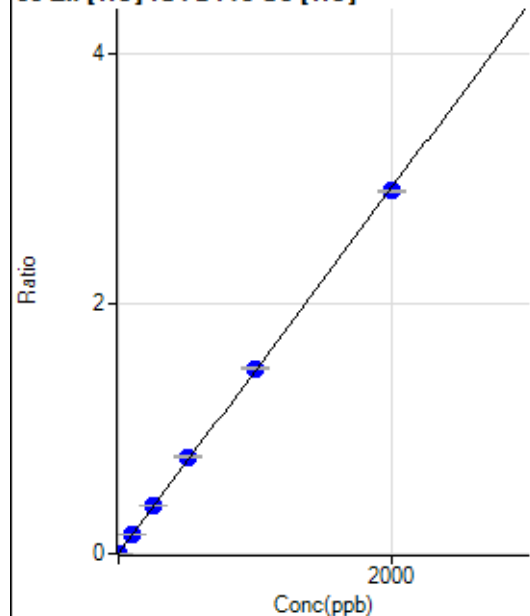
$$R = 0.9998$$

$$DL = 0.1219$$

$$BEC = 0.5196$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	363.34	0.0015	P	11.8
2	☐	0.200					
3	☐	2.000	2.189	1188.96	0.0047	P	3.8
4	☐	100.000	105.234	38898.47	0.1556	P	0.5
5	☐	250.000	262.385	93380.68	0.3859	P	1.0
6	☐	500.000	529.816	177841.30	0.7777	P	0.7
7	☐	1000.000	1014.048	340615.24	1.4872	P	0.5
8	☐	2000.000	1983.712	676001.33	2.9080	P	0.4
9	☐			3101.49	0.0128	P	3.2

$$y = 0.0015 * x + 0.0015$$

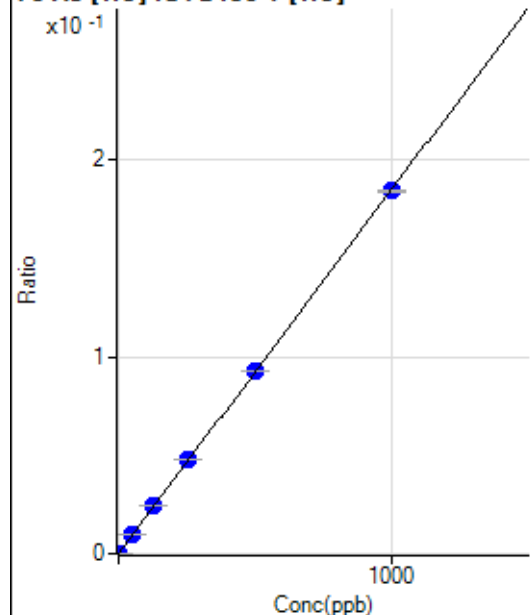
$$R = 0.9998$$

$$DL = 0.354$$

$$BEC = 0.9962$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.07	0.0000	P	28.0
2	☐	0.100					
3	☐	1.000	1.009	309.88	0.0002	P	10.6
4	☐	50.000	51.651	14396.71	0.0096	P	1.1
5	☐	125.000	129.946	34821.24	0.0240	P	0.8
6	☐	250.000	257.837	65918.78	0.0477	P	0.4
7	☐	500.000	500.929	126855.90	0.0926	P	0.3
8	☐	1000.000	996.876	255724.09	0.1843	P	0.5
9	☐			151.24	0.0001	P	4.4

$$y = 1.8491\text{E-}004 * x + 1.6046\text{E-}005$$

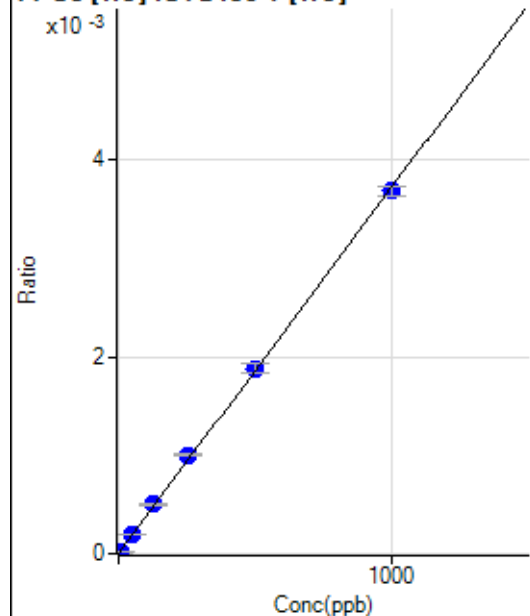
$$R = 1.0000$$

$$DL = 0.07283$$

$$BEC = 0.08678$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.
2	☐	0.500					
3	☐	5.000	5.654	35.56	0.0000	P	5.1
4	☐	50.000	51.227	290.01	0.0002	P	0.9
5	☐	125.000	134.133	725.59	0.0005	P	2.5
6	☐	250.000	269.651	1388.98	0.0010	P	3.1
7	☐	500.000	506.000	2579.16	0.0019	P	5.9
8	☐	1000.000	990.881	5114.33	0.0037	P	2.5
9	☐			1.11	0.0000	P	173.

$$y = 3.7184\text{E-}006 * x + 2.2266\text{E-}006$$

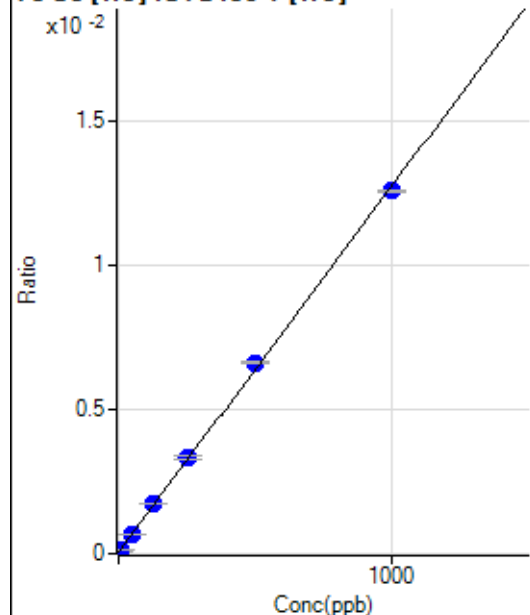
$$R = 0.9997$$

$$DL = 1.808$$

$$BEC = 0.5988$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	79.01	0.0001	P	10.9
2	☐	0.500					
3	☐	5.000	4.861	174.69	0.0001	P	8.8
4	☐	50.000	49.893	1032.15	0.0007	P	3.7
5	☐	125.000	131.972	2502.09	0.0017	P	2.6
6	☐	250.000	259.311	4622.39	0.0033	P	2.9
7	☐	500.000	517.553	9067.09	0.0066	P	0.9
8	☐	1000.000	988.030	17470.43	0.0126	P	0.4
9	☐			96.30	0.0001	P	5.2

$$y = 1.2693\text{E-}005 * x + 5.2597\text{E-}005$$

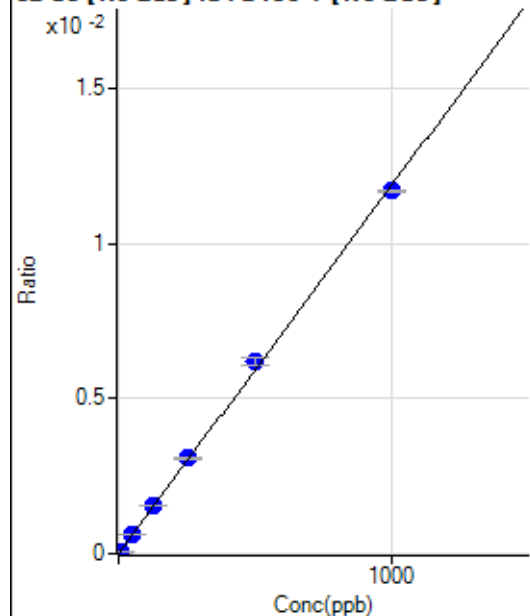
$$R = 0.9997$$

$$DL = 1.35$$

$$BEC = 4.144$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.09	0.0000	P	445.
2	☐	0.500					
3	☐	5.000	4.756	546.28	0.0001	P	16.3
4	☐	50.000	51.943	5647.24	0.0006	P	2.1
5	☐	125.000	130.929	14239.58	0.0016	P	0.7
6	☐	250.000	260.513	27362.83	0.0031	P	1.7
7	☐	500.000	521.395	52363.05	0.0062	P	4.1
8	☐	1000.000	985.837	101868.86	0.0117	P	0.6
9	☐			124.24	0.0000	P	33.5

$$y = 1.1864\text{E-}005 * x + 2.3582\text{E-}006$$

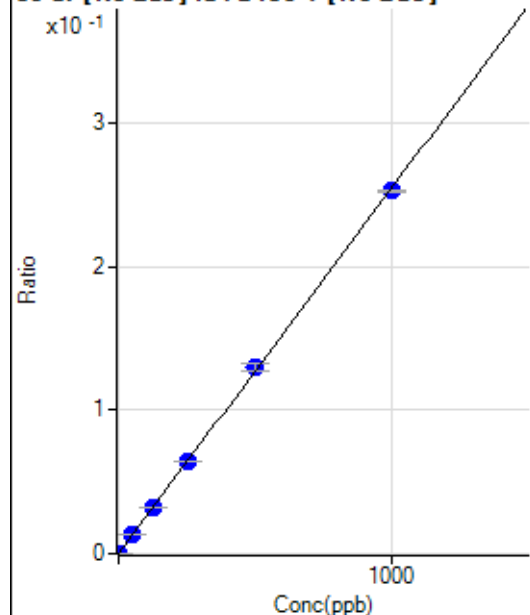
$$R = 0.9996$$

$$DL = 2.658$$

$$BEC = 0.1988$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1011.19	0.0001	P	7.2
2	☐	0.100					
3	☐	1.000	0.981	3317.19	0.0004	P	5.1
4	☐	50.000	50.800	118933.65	0.0130	P	1.2
5	☐	125.000	126.276	294967.15	0.0322	P	0.3
6	☐	250.000	253.418	571183.81	0.0646	P	0.5
7	☐	500.000	511.534	1101686.30	0.1302	P	4.7
8	☐	1000.000	993.179	2200685.27	0.2527	P	0.3
9	☐			76489.75	0.0087	P	0.4

$$y = 2.5436\text{E-}004 * x + 1.0729\text{E-}004$$

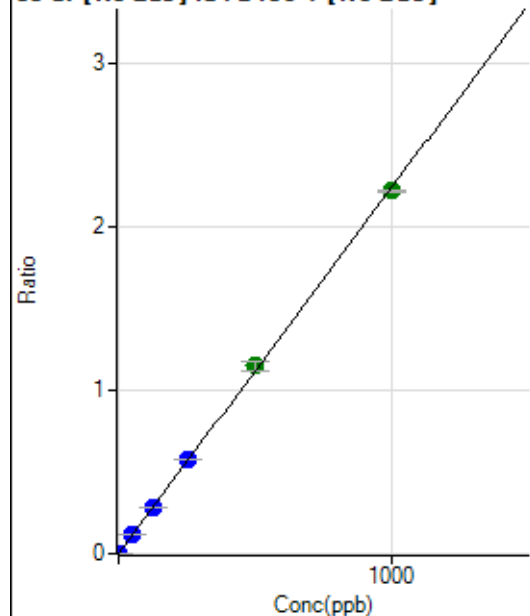
$$R = 0.9999$$

$$DL = 0.0907$$

$$BEC = 0.4218$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1786.31	0.0002	P	11.5
2	☐	0.100					
3	☐	1.000	0.935	21272.13	0.0023	P	3.3
4	☐	50.000	50.296	1031161.30	0.1130	P	0.5
5	☐	125.000	126.483	2597409.17	0.2838	P	0.2
6	☐	250.000	256.692	5093127.67	0.5757	P	0.4
7	☐	500.000	513.265	9737963.07	1.1510	A	4.5
8	☐	1000.000	991.494	19359111.20	2.2233	A	0.2
9	☐			659735.54	0.0748	P	0.4

$$y = 0.0022 * x + 1.8952\text{E-}004$$

$$R = 0.9998$$

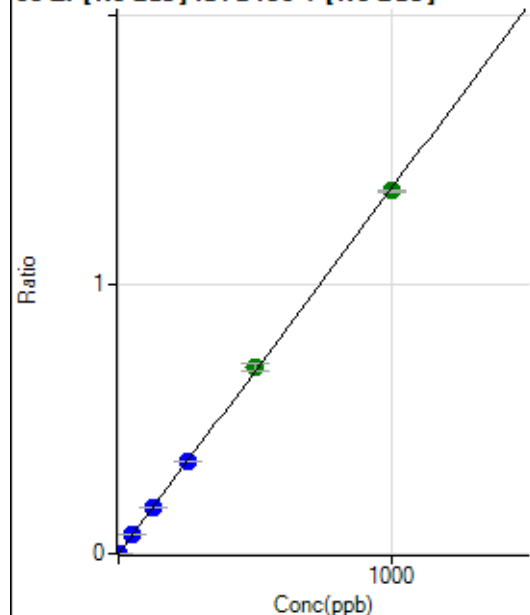
$$DL = 0.02914$$

$$BEC = 0.08452$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	697.27	0.0001	P	5.8
2	☐	0.100					
3	☐	1.000	0.964	12861.89	0.0014	P	3.8
4	☐	50.000	50.119	622338.11	0.0682	P	0.3
5	☐	125.000	126.101	1568964.95	0.1714	P	0.1
6	☐	250.000	253.238	3044682.38	0.3442	P	0.3
7	☐	500.000	511.872	5884880.30	0.6956	A	4.6
8	☐	1000.000	993.111	11750940.89	1.3495	A	0.2
9	☐			4142.47	0.0005	P	1.1

$$y = 0.0014 * x + 7.3975E-005$$

$$R = 0.9999$$

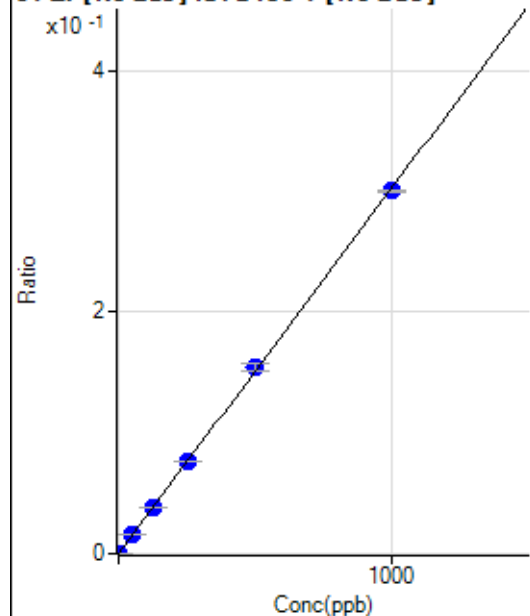
$$DL = 0.009439$$

$$BEC = 0.05444$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	19.2
2	☐	0.100					
3	☐	1.000	0.970	2883.76	0.0003	P	2.4
4	☐	50.000	50.825	140399.62	0.0154	P	0.5
5	☐	125.000	125.415	347148.54	0.0379	P	0.7
6	☐	250.000	252.846	676294.28	0.0764	P	0.3
7	☐	500.000	511.546	1308276.85	0.1546	P	4.8
8	☐	1000.000	993.423	2614977.16	0.3003	P	0.2
9	☐			897.29	0.0001	P	9.1

$$y = 3.0228E-004 * x + 1.6804E-005$$

$$R = 0.9999$$

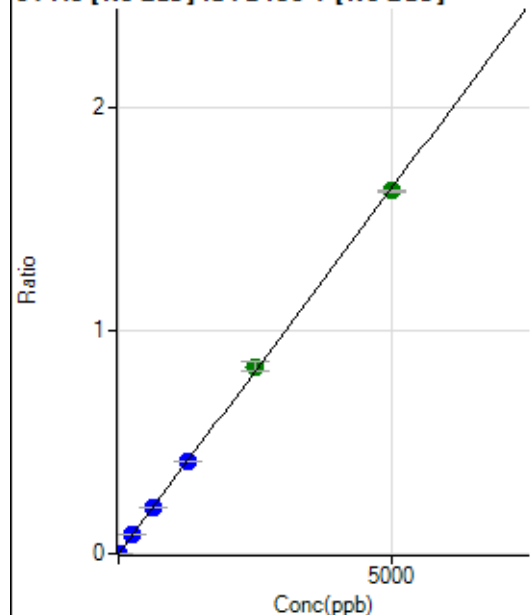
$$DL = 0.03199$$

$$BEC = 0.05559$$

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	472.25	0.0001	P	4.2
2	☐	0.500					
3	☐	5.000	4.722	14863.86	0.0016	P	1.7
4	☐	250.000	250.797	750954.46	0.0823	P	0.4
5	☐	625.000	624.831	1875212.00	0.2049	P	0.2
6	☐	1250.000	1266.811	3674163.67	0.4153	P	0.6
7	☐	2500.000	2557.008	7090871.08	0.8383	A	5.1
8	☐	5000.000	4967.275	14179227.92	1.6284	A	0.3
9	☐			18139.91	0.0021	P	2.5

$$y = 3.2781E-004 * x + 5.0102E-005$$

$$R = 0.9999$$

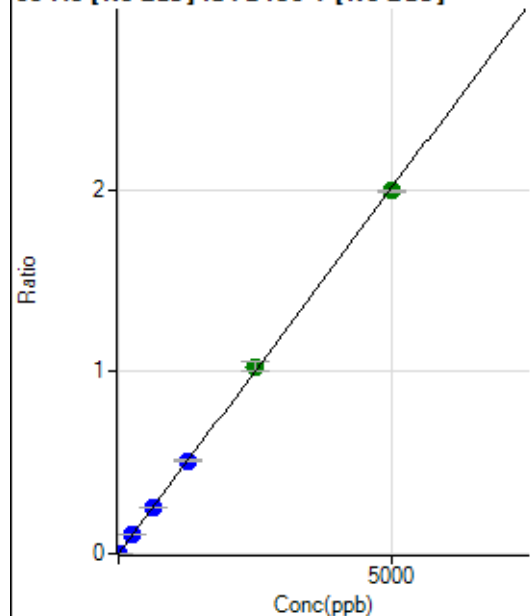
$$DL = 0.01946$$

$$BEC = 0.1528$$

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	391.69	0.0000	P	25.5
2	☐	0.500					
3	☐	5.000	4.588	17508.76	0.0019	P	1.2
4	☐	250.000	250.897	919592.87	0.1007	P	0.4
5	☐	625.000	629.474	2312733.65	0.2527	P	0.3
6	☐	1250.000	1274.470	4525368.24	0.5115	P	0.5
7	☐	2500.000	2563.475	8703980.49	1.0289	A	4.8
8	☐	5000.000	4961.542	17339498.65	1.9913	A	0.5
9	☐			29230.84	0.0033	P	1.7

$$y = 4.0135E-004 * x + 4.1541E-005$$

$$R = 0.9999$$

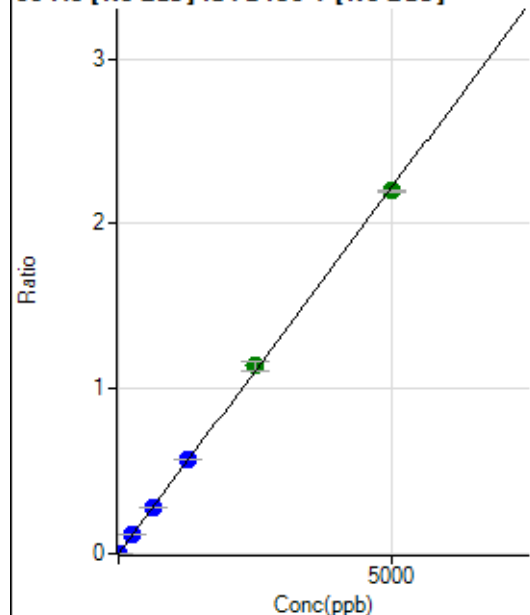
$$DL = 0.0793$$

$$BEC = 0.1035$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	377.80	0.0000	P	15.8
2	☐	0.500					
3	☐	5.000	4.647	19541.75	0.0021	P	2.8
4	☐	250.000	252.551	1023096.05	0.1121	P	0.2
5	☐	625.000	630.990	2562433.31	0.2800	P	0.3
6	☐	1250.000	1282.786	5034539.18	0.5691	P	0.7
7	☐	2500.000	2568.374	9637806.03	1.1394	A	5.2
8	☐	5000.000	4956.741	19147474.04	2.1989	A	0.2
9	☐			35937.91	0.0041	P	1.0

$$y = 4.4362E-004 * x + 4.0079E-005$$

$$R = 0.9998$$

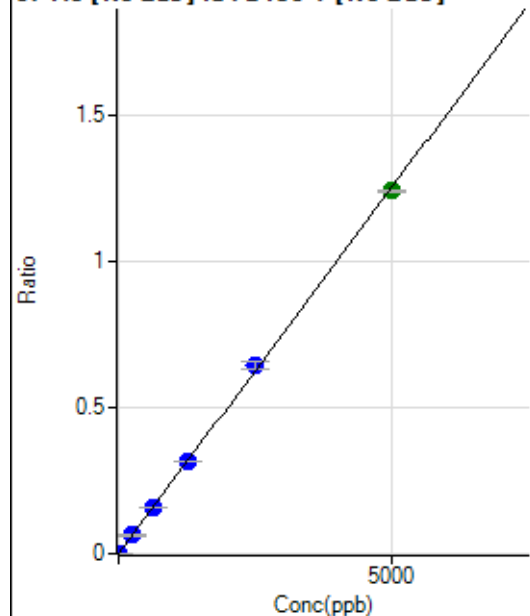
$$DL = 0.04293$$

$$BEC = 0.09035$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.68	0.0000	P	10.4
2	☐	0.500					
3	☐	5.000	4.586	10890.68	0.0012	P	2.2
4	☐	250.000	249.817	571003.46	0.0626	P	0.3
5	☐	625.000	623.540	1428692.90	0.1561	P	0.1
6	☐	1250.000	1258.860	2787583.20	0.3151	P	0.7
7	☐	2500.000	2579.970	5463404.12	0.6458	P	4.6
8	☐	5000.000	4957.992	10806031.32	1.2410	A	0.2
9	☐			18426.38	0.0021	P	2.3

$$y = 2.5030E-004 * x + 2.2993E-005$$

$$R = 0.9998$$

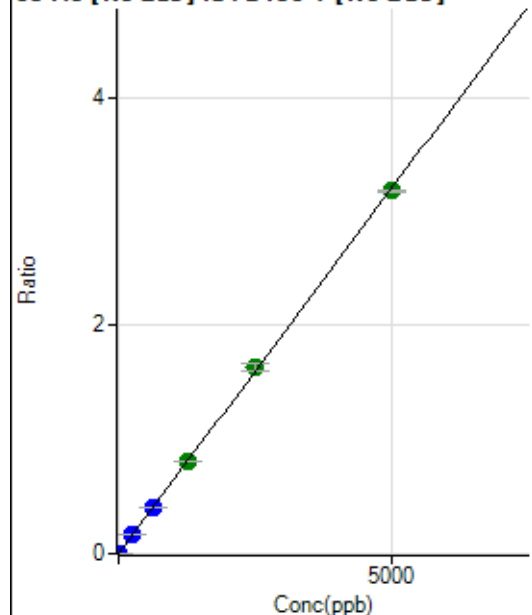
$$DL = 0.0287$$

$$BEC = 0.09186$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	577.81	0.0001	P	4.4
2	☐	0.500					
3	☐	5.000	4.653	28273.43	0.0030	P	3.0
4	☐	250.000	253.857	1484451.09	0.1626	P	0.4
5	☐	625.000	635.145	3723100.91	0.4068	P	0.3
6	☐	1250.000	1262.008	7149477.85	0.8082	A	0.5
7	☐	2500.000	2554.648	13840197.88	1.6359	A	4.6
8	☐	5000.000	4968.213	27702114.51	3.1814	A	0.4
9	☐			45356.39	0.0051	P	2.7

$$y = 6.4034\text{E-}004 * x + 6.1300\text{E-}005$$

$$R = 0.9999$$

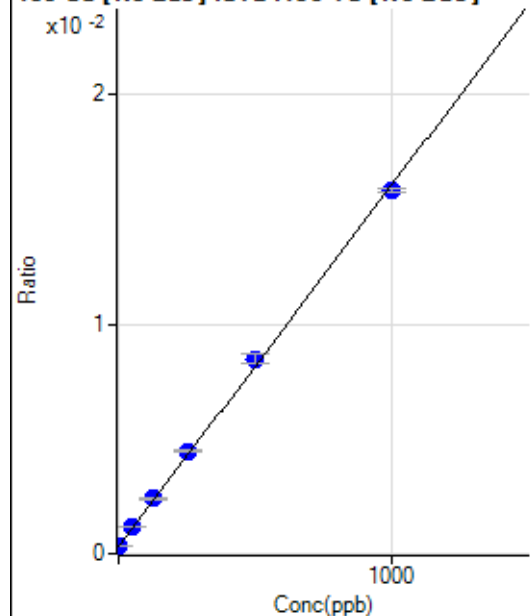
$$DL = 0.01256$$

$$BEC = 0.09573$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3931.28	0.0003	P	7.3
2	☐	0.100					
3	☐	1.000	1.015	4009.08	0.0003	P	2.1
4	☐	50.000	53.430	13871.21	0.0012	P	2.5
5	☐	125.000	132.548	29236.66	0.0024	P	1.6
6	☐	250.000	264.202	53736.26	0.0045	P	1.2
7	☐	500.000	520.050	98983.81	0.0085	P	5.0
8	☐	1000.000	985.309	190308.68	0.0158	P	0.9
9	☐			3653.42	0.0003	P	3.6

$$y = 1.5704\text{E-}005 * x + 3.1537\text{E-}004$$

$$R = 0.9996$$

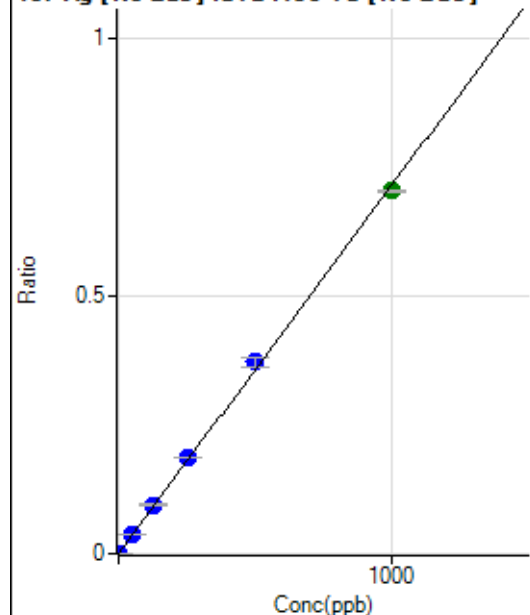
$$DL = 4.4$$

$$BEC = 20.08$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	35.1
2	☐	0.100					
3	☐	1.000	1.031	9072.73	0.0007	P	4.7
4	☐	50.000	54.028	464374.85	0.0386	P	0.6
5	☐	125.000	132.776	1158328.84	0.0950	P	0.9
6	☐	250.000	261.955	2254857.06	0.1873	P	0.4
7	☐	500.000	520.350	4342800.18	0.3721	P	4.7
8	☐	1000.000	985.663	8496098.28	0.7049	A	0.5
9	☐			1050.08	0.0001	P	5.6

$$y = 7.1510\text{E-}004 * x + 1.2948\text{E-}005$$

$$R = 0.9996$$

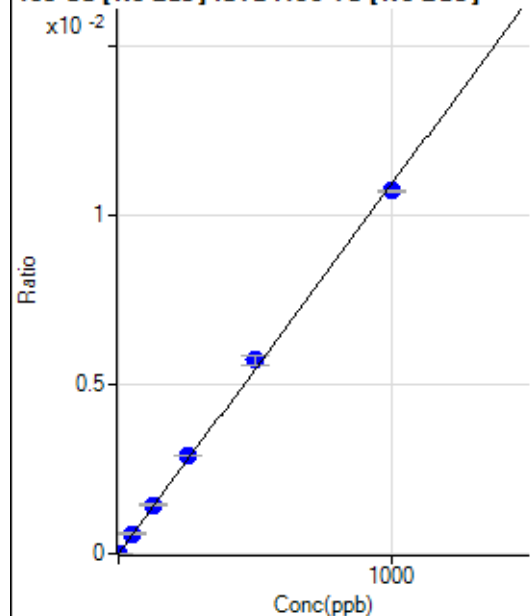
$$DL = 0.01908$$

$$BEC = 0.01811$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.66	0.0000	P	43.6
2	☐	0.100					
3	☐	1.000	1.371	197.23	0.0000	P	10.3
4	☐	50.000	54.154	7114.44	0.0006	P	4.3
5	☐	125.000	132.456	17641.81	0.0014	P	2.1
6	☐	250.000	267.263	35110.33	0.0029	P	0.6
7	☐	500.000	524.110	66730.11	0.0057	P	5.5
8	☐	1000.000	982.489	129211.22	0.0107	P	0.6
9	☐			37.50	0.0000	P	29.3

$$y = 1.0910\text{E-}005 * x + 1.3393\text{E-}006$$

$$R = 0.9994$$

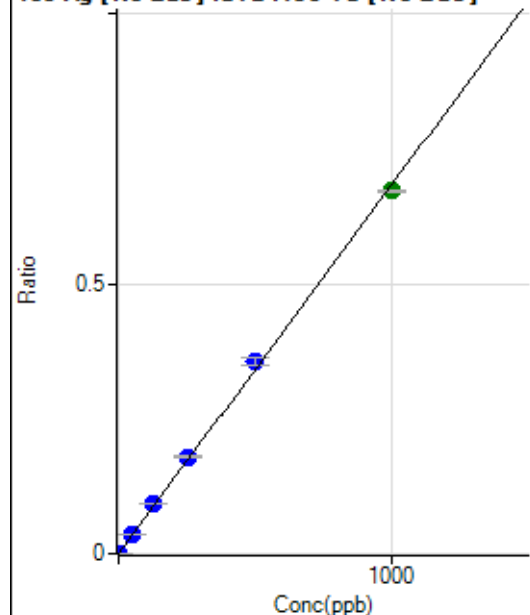
$$DL = 0.1608$$

$$BEC = 0.1228$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.90	0.0000	P	11.5
2	☐	0.100					
3	☐	1.000	1.029	8597.41	0.0007	P	5.1
4	☐	50.000	54.336	446098.29	0.0371	P	0.7
5	☐	125.000	133.668	1113960.42	0.0913	P	0.8
6	☐	250.000	263.122	2163681.45	0.1798	P	0.6
7	☐	500.000	521.976	4162077.74	0.3566	P	4.4
8	☐	1000.000	984.431	8106438.12	0.6725	A	0.3
9	☐			1066.75	0.0001	P	9.0

$$y = 6.8317\text{E-}004 * x + 7.1369\text{E-}006$$

$$R = 0.9995$$

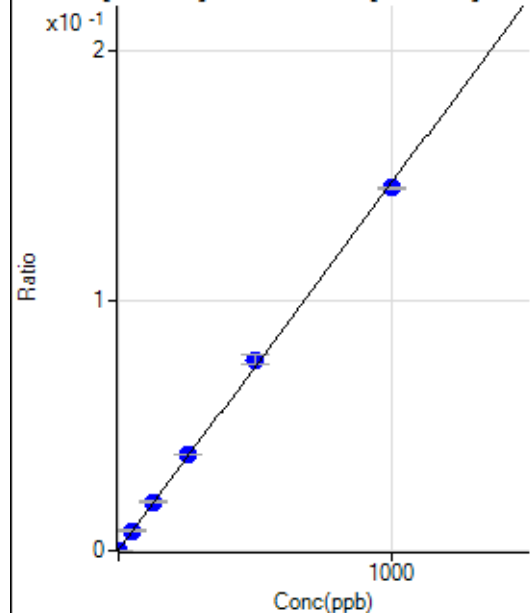
$$DL = 0.003593$$

$$BEC = 0.01045$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2781.90	0.0002	P	8.0
2	☐	0.100					
3	☐	1.000	0.959	4407.34	0.0004	P	3.7
4	☐	50.000	53.471	97201.76	0.0081	P	0.5
5	☐	125.000	131.548	238796.37	0.0196	P	0.8
6	☐	250.000	261.069	464986.29	0.0386	P	0.7
7	☐	500.000	518.941	893696.75	0.0766	P	4.4
8	☐	1000.000	986.770	1752549.73	0.1454	P	0.2
9	☐			2825.60	0.0002	P	1.9

$$y = 1.4712\text{E-}004 * x + 2.2316\text{E-}004$$

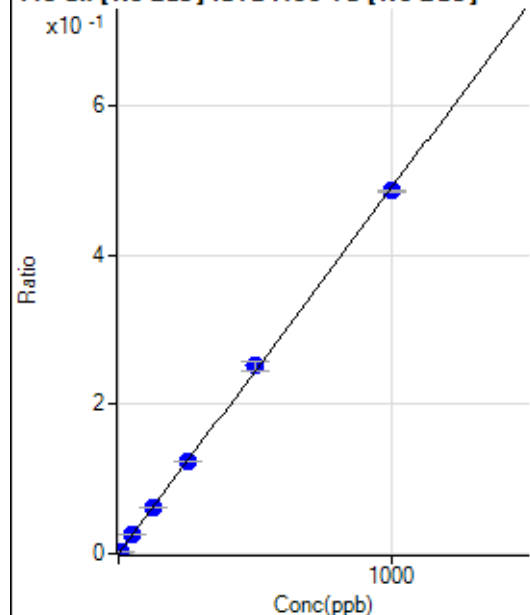
$$R = 0.9997$$

$$DL = 0.3626$$

$$BEC = 1.517$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1102.88	0.0001	P	1.7
2	☐	0.500					
3	☐	5.000	4.701	28927.91	0.0024	P	3.2
4	☐	50.000	51.592	304715.67	0.0254	P	0.3
5	☐	125.000	128.234	767304.07	0.0629	P	0.3
6	☐	250.000	253.249	1494223.63	0.1241	P	0.1
7	☐	500.000	513.169	2934461.30	0.2515	P	4.9
8	☐	1000.000	992.121	5858943.31	0.4861	P	0.3
9	☐			10637.78	0.0009	P	4.5

$$y = 4.8985E-004 * x + 8.8494E-005$$

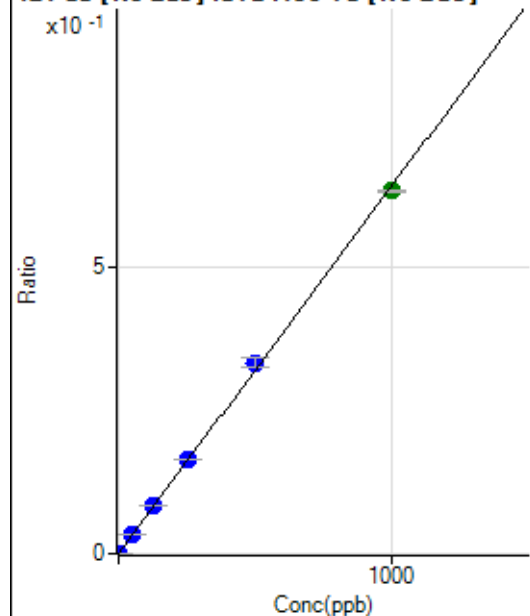
$$R = 0.9999$$

$$DL = 0.008962$$

$$BEC = 0.1807$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.12	0.0000	P	5.0
2	☐	0.200					
3	☐	2.000	1.896	14811.19	0.0012	P	3.7
4	☐	50.000	51.911	400483.14	0.0333	P	0.6
5	☐	125.000	128.822	1008841.29	0.0827	P	0.1
6	☐	250.000	256.356	1980871.59	0.1646	P	0.3
7	☐	500.000	520.264	3897323.83	0.3340	P	5.1
8	☐	1000.000	987.706	7642667.97	0.6341	A	0.6
9	☐			12703.47	0.0011	P	7.6

$$y = 6.4195E-004 * x + 6.9093E-006$$

$$R = 0.9997$$

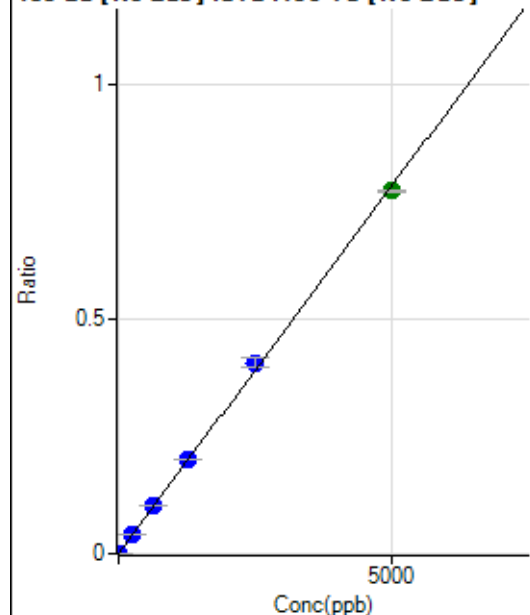
$$DL = 0.001628$$

$$BEC = 0.01076$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.68	0.0000	P	10.9
2	☐	1.000					
3	☐	10.000	9.438	18045.67	0.0015	P	0.8
4	☐	250.000	261.538	491625.34	0.0409	P	0.6
5	☐	625.000	646.617	1233696.77	0.1011	P	0.2
6	☐	1250.000	1277.804	2405471.43	0.1998	P	0.5
7	☐	2500.000	2600.506	4746071.68	0.4067	P	4.9
8	☐	5000.000	4939.518	9311295.00	0.7725	A	0.6
9	☐			3500.61	0.0003	P	13.8

$$y = 1.5639\text{E-}004 * x + 1.5374\text{E-}005$$

$$R = 0.9997$$

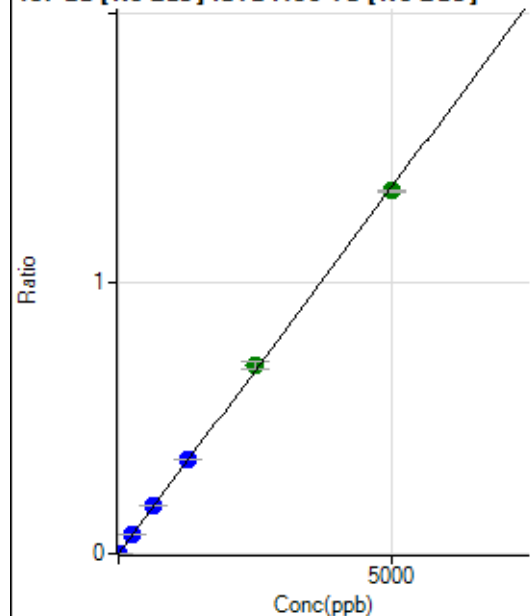
$$DL = 0.0321$$

$$BEC = 0.09831$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.35	0.0000	P	21.1
2	☐	1.000					
3	☐	10.000	9.523	31556.39	0.0026	P	3.5
4	☐	250.000	259.973	847165.31	0.0705	P	0.2
5	☐	625.000	649.310	2147553.07	0.1761	P	0.5
6	☐	1250.000	1290.830	4212491.11	0.3500	P	0.5
7	☐	2500.000	2569.489	8129523.18	0.6966	A	4.8
8	☐	5000.000	4951.512	16180819.80	1.3424	A	0.4
9	☐			6173.90	0.0005	P	2.4

$$y = 2.7111\text{E-}004 * x + 2.6730\text{E-}005$$

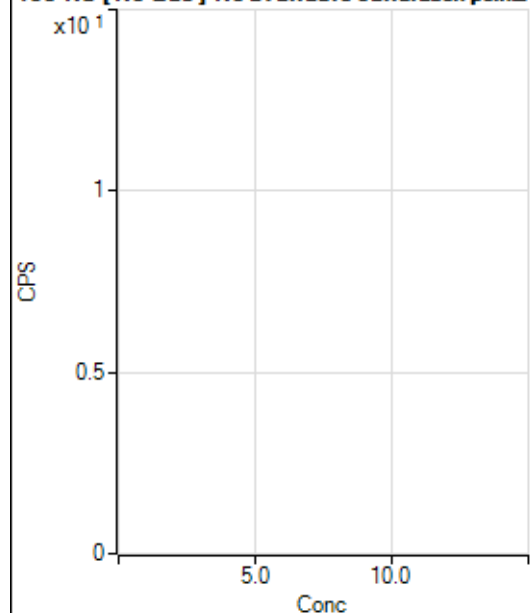
$$R = 0.9998$$

$$DL = 0.0623$$

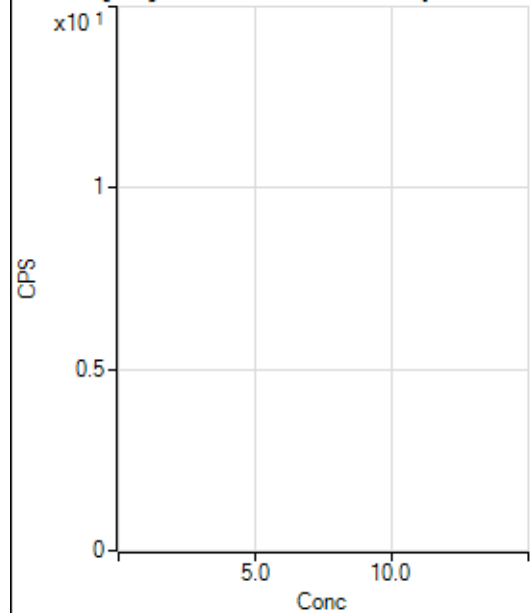
$$BEC = 0.0986$$

Weight: <None>

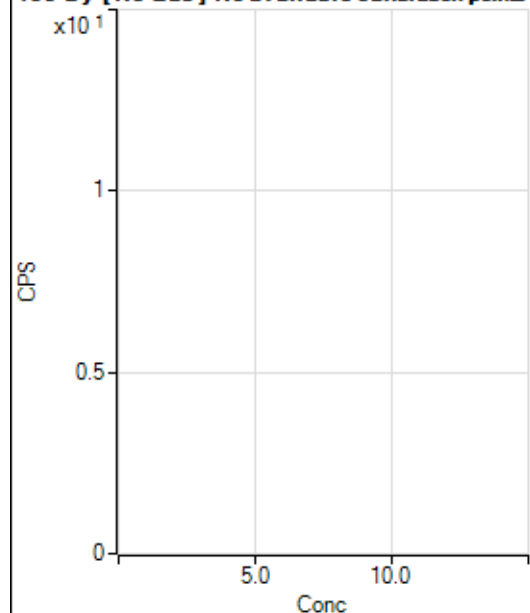
Min Conc: 0

150 Nd [No Gas] No available calibration points

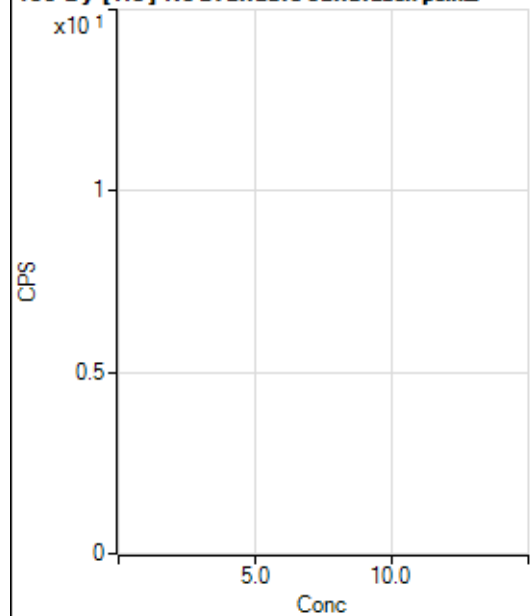
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			4.45		P	86.6
4	☐			44.45		P	17.3
5	☐			100.01		P	11.5
6	☐			231.12		P	16.9
7	☐			308.90		P	13.2
8	☐			740.05		P	14.3
9	☐			104.45		P	29.5

150 Nd [He] No available calibration points

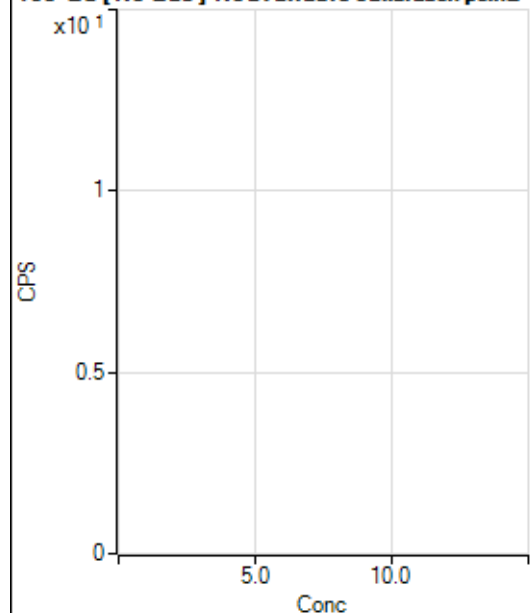
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			3.33		P	100.
4	☐			1.11		P	173.
5	☐			8.89		P	86.6
6	☐			21.11		P	39.7
7	☐			30.00		P	29.4
8	☐			116.67		P	4.9
9	☐			46.67		P	31.1

156 Dy [No Gas] No available calibration points

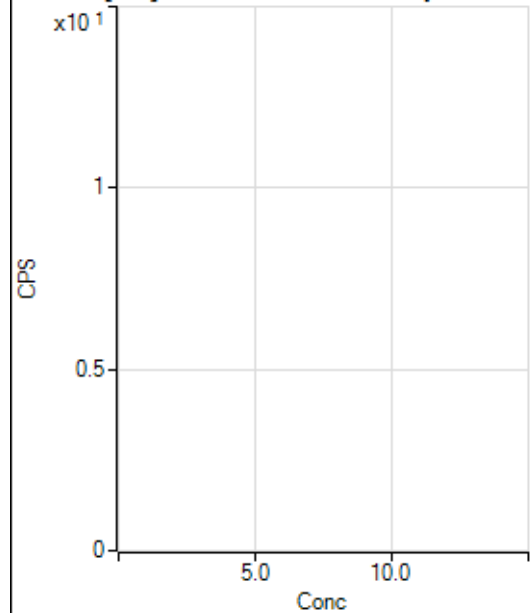
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐						
3	☐			13.89		P	91.6
4	☐			13.89		P	34.7
5	☐			25.00		P	66.7
6	☐			58.34		P	62.3
7	☐			108.34		P	30.8
8	☐			175.01		P	29.7
9	☐			102.78		P	30.7

156 Dy [He] No available calibration points

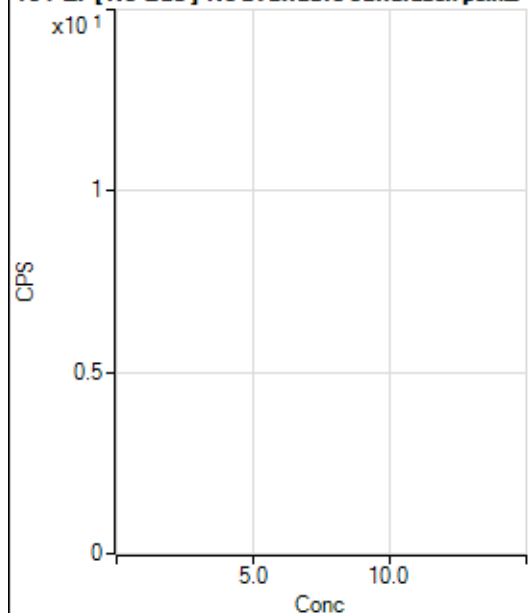
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			4.44		P	43.4
4	☐			8.89		P	21.6
5	☐			23.34		P	49.5
6	☐			35.56		P	35.5
7	☐			47.78		P	14.5
8	☐			161.11		P	16.1
9	☐			57.78		P	31.8

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

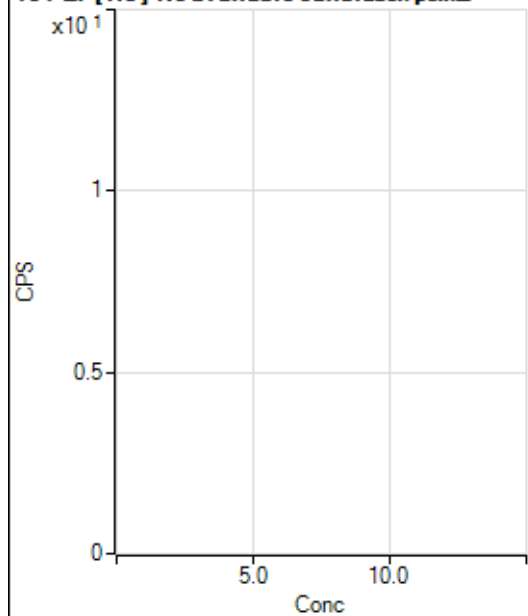
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			111.12		P	37.0
2	☐						
3	☐			97.23		P	13.1
4	☐			91.67		P	24.1
5	☐			88.89		P	27.1
6	☐			108.34		P	13.3
7	☐			141.68		P	31.1
8	☐			194.45		P	30.1
9	☐			172.23		P	17.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			143.34		P	10.1
2	☐						
3	☐			165.56		P	4.2
4	☐			150.00		P	11.1
5	☐			132.23		P	25.5
6	☐			138.89		P	16.3
7	☐			143.34		P	8.4
8	☐			191.12		P	10.2
9	☐			166.67		P	15.1

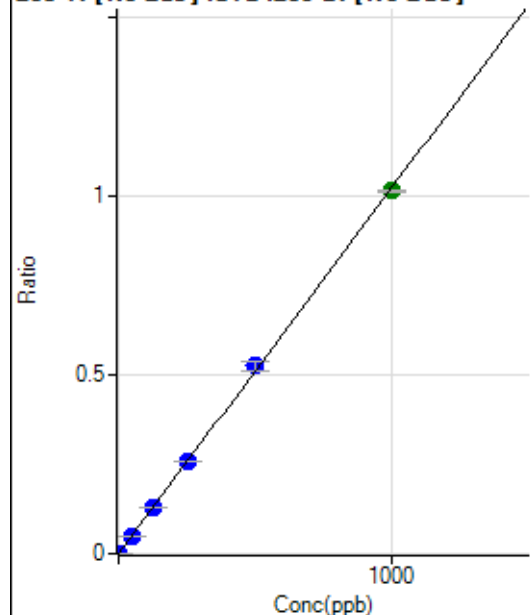
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	63.6
2	☐						
3	☐			66.67		P	25.0
4	☐			38.89		P	32.7
5	☐			41.67		P	52.9
6	☐			58.33		P	37.8
7	☐			22.22		P	108.
8	☐			108.34		P	15.4
9	☐			44.45		P	10.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	0.0
2	☐						
3	☐			18.89		P	40.7
4	☐			23.34		P	24.7
5	☐			28.89		P	26.6
6	☐			22.22		P	8.7
7	☐			27.78		P	13.9
8	☐			31.11		P	52.9
9	☐			33.33		P	17.3

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.35	0.0000	P	12.5
2	☐	0.100					
3	☐	1.000	0.915	7366.25	0.0010	P	2.9
4	☐	50.000	49.415	386812.88	0.0506	P	0.2
5	☐	125.000	124.241	992402.52	0.1271	P	0.4
6	☐	250.000	250.631	1995691.28	0.2565	P	0.2
7	☐	500.000	514.767	3964341.97	0.5267	P	4.9
8	☐	1000.000	992.583	7725616.58	1.0156	A	0.2
9	☐			3900.74	0.0006	P	0.8

$$y = 0.0010 * x + 2.3498E-005$$

$$R = 0.9998$$

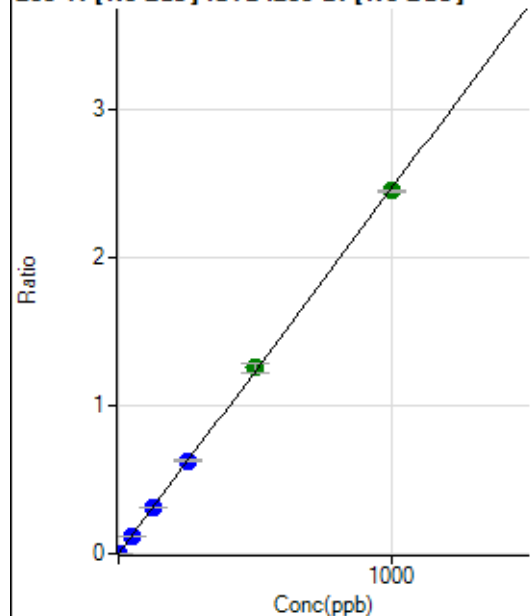
$$DL = 0.008642$$

$$BEC = 0.02297$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	397.25	0.0001	P	11.7
2	☐	0.100					
3	☐	1.000	0.937	18154.76	0.0024	P	1.3
4	☐	50.000	49.673	937955.20	0.1227	P	0.3
5	☐	125.000	125.648	2421126.42	0.3102	P	0.3
6	☐	250.000	255.417	4906221.72	0.6305	P	0.5
7	☐	500.000	509.758	9469174.17	1.2582	A	5.3
8	☐	1000.000	993.702	18658042.08	2.4527	A	0.5
9	☐			9620.56	0.0014	P	4.6

$$y = 0.0025 * x + 5.0884E-005$$

$$R = 0.9999$$

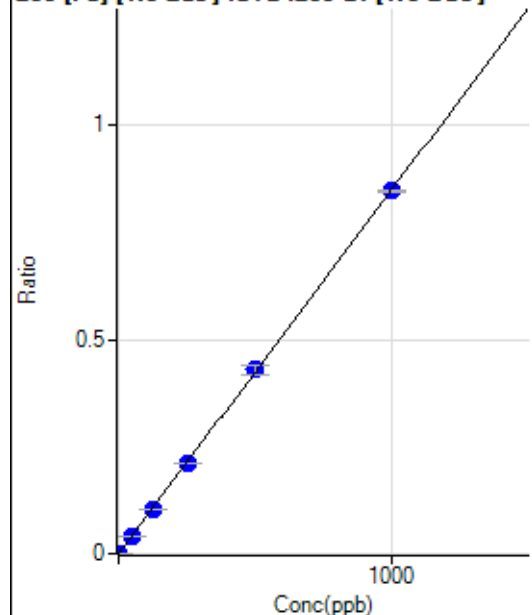
$$DL = 0.00724$$

$$BEC = 0.02062$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	540.77	0.0001	P	19.2
2	☐	0.100					
3	☐	1.000	0.906	6440.63	0.0008	P	3.1
4	☐	50.000	49.113	319354.70	0.0418	P	0.3
5	☐	125.000	123.392	818154.04	0.1048	P	0.1
6	☐	250.000	247.805	1637520.51	0.2104	P	0.3
7	☐	500.000	505.874	3232389.74	0.4295	P	5.2
8	☐	1000.000	997.857	6444318.14	0.8471	P	0.7
9	☐			12522.90	0.0018	P	0.2

$$y = 8.4889\text{E-}004 * x + 6.9242\text{E-}005$$

$$R = 1.0000$$

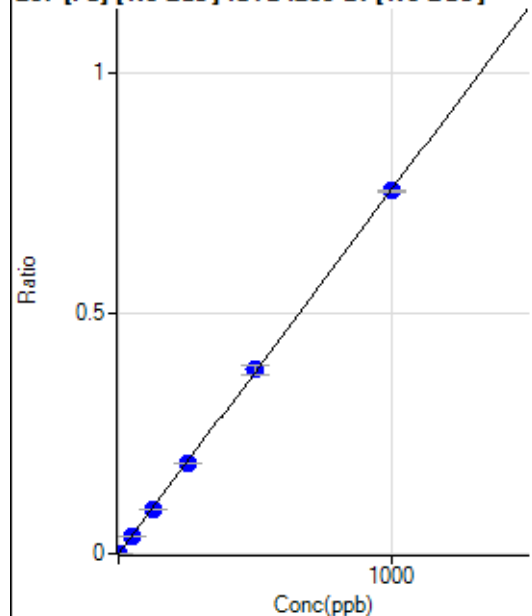
$$DL = 0.04691$$

$$BEC = 0.08157$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	516.69	0.0001	P	6.3
2	☐	0.100					
3	☐	1.000	0.895	5712.50	0.0007	P	5.7
4	☐	50.000	49.197	285085.20	0.0373	P	0.1
5	☐	125.000	123.306	728552.31	0.0933	P	0.2
6	☐	250.000	247.449	1457064.83	0.1872	P	0.3
7	☐	500.000	507.271	2888239.91	0.3838	P	5.2
8	☐	1000.000	997.254	5738814.54	0.7544	P	0.6
9	☐			10311.69	0.0015	P	2.3

$$y = 7.5641\text{E-}004 * x + 6.6183\text{E-}005$$

$$R = 1.0000$$

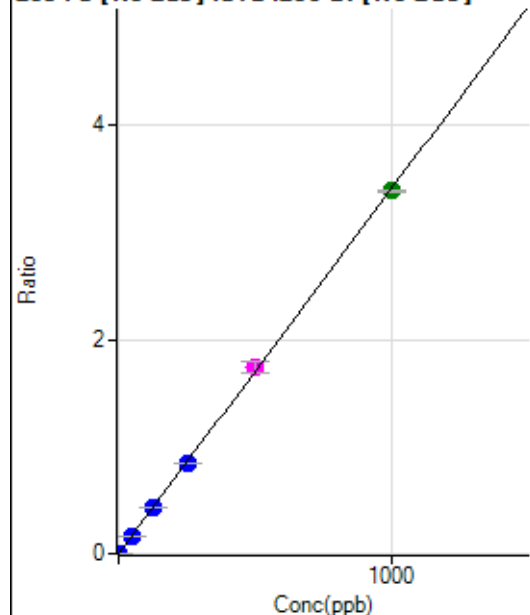
$$DL = 0.01658$$

$$BEC = 0.0875$$

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	2213.10	0.0003	P	6.6
2	☐	0.100					
3	☐	1.000	0.912	26071.94	0.0034	P	1.7
4	☐	50.000	49.403	1290217.45	0.1687	P	0.2
5	☐	125.000	124.018	3302616.71	0.4231	P	0.2
6	☐	250.000	249.685	6626622.63	0.8515	P	0.4
7	☐	500.000	512.292	13144408.74	1.7469	M	5.7
8	☐	1000.000	994.086	25784254.62	3.3895	A	0.4
9	☐			48552.64	0.0069	P	1.3

$$y = 0.0034 * x + 2.8349E-004$$

$$R = 0.9999$$

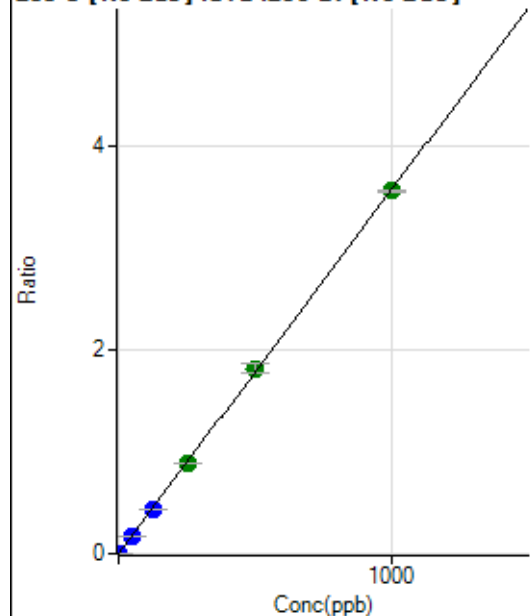
$$DL = 0.01648$$

$$BEC = 0.08315$$

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	494.48	0.0001	P	14.1
2	☐	0.100					
3	☐	1.000	0.886	24749.54	0.0032	P	0.5
4	☐	50.000	47.741	1302494.56	0.1703	P	0.2
5	☐	125.000	123.072	3426536.10	0.4390	P	0.3
6	☐	250.000	246.128	6831292.64	0.8778	A	0.3
7	☐	500.000	508.353	13643226.78	1.8130	A	5.5
8	☐	1000.000	997.146	27052616.23	3.5562	A	0.3
9	☐			6123.99	0.0009	P	9.1

$$y = 0.0036 * x + 6.3322E-005$$

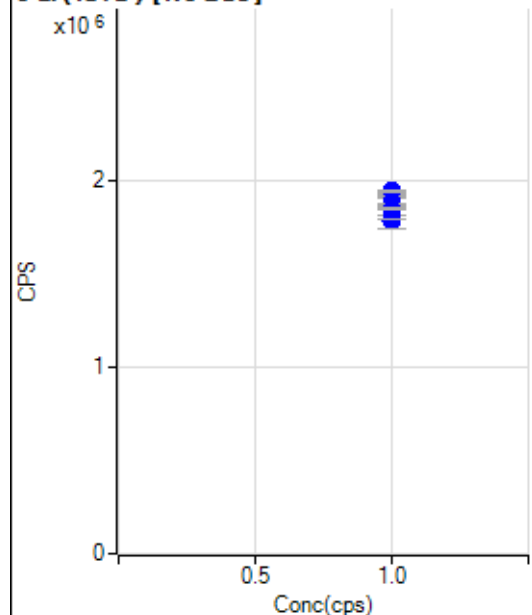
$$R = 0.9999$$

$$DL = 0.007524$$

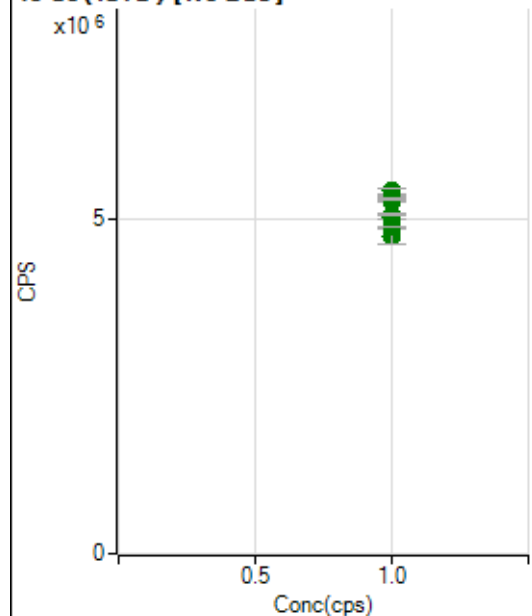
$$BEC = 0.01776$$

Weight: <None>

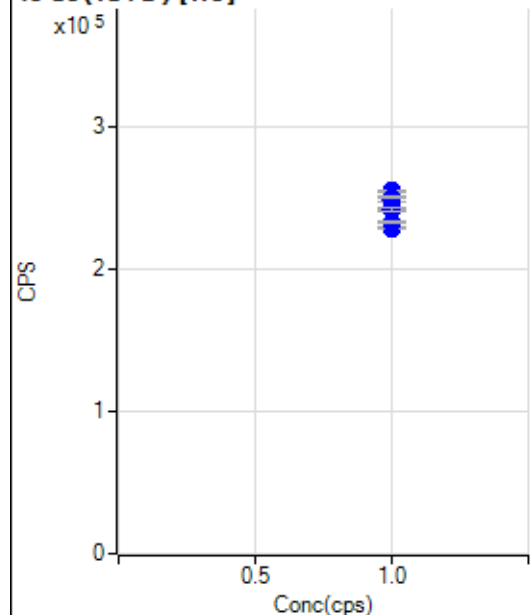
Min Conc: 0

6 Li (ISTD) [No Gas]

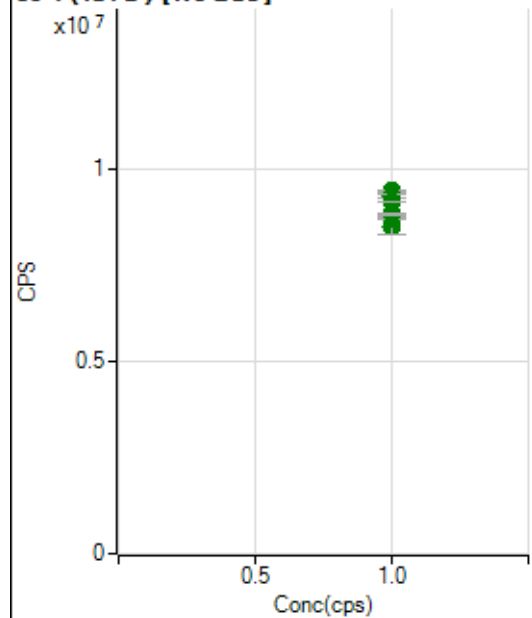
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1876134.78		P	0.8
2	☐	1.000					
3	☐	1.000		1919389.07		P	1.3
4	☐	1.000		1926343.27		P	0.6
5	☐	1.000		1949182.89		P	0.3
6	☐	1.000		1878641.24		P	0.6
7	☐	1.000		1785535.29		P	4.1
8	☐	1.000		1796787.68		P	0.4
9	☐	1.000		1851852.23		P	0.8

45 Sc (ISTD) [No Gas]

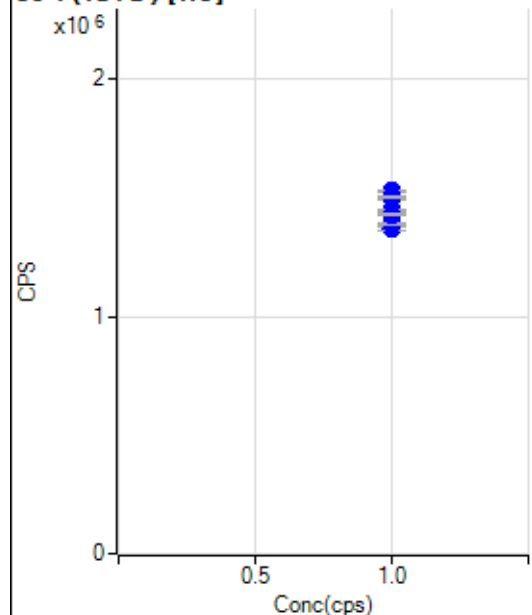
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5267118.30		A	0.3
2	☐	1.000					
3	☐	1.000		5430822.34		A	1.3
4	☐	1.000		5334967.57		A	0.6
5	☐	1.000		5314585.75		A	0.4
6	☐	1.000		5037634.27		A	0.7
7	☐	1.000		4759675.41		A	4.7
8	☐	1.000		4895375.11		A	0.4
9	☐	1.000		5078969.04		A	0.6

45 Sc (ISTD) [He]

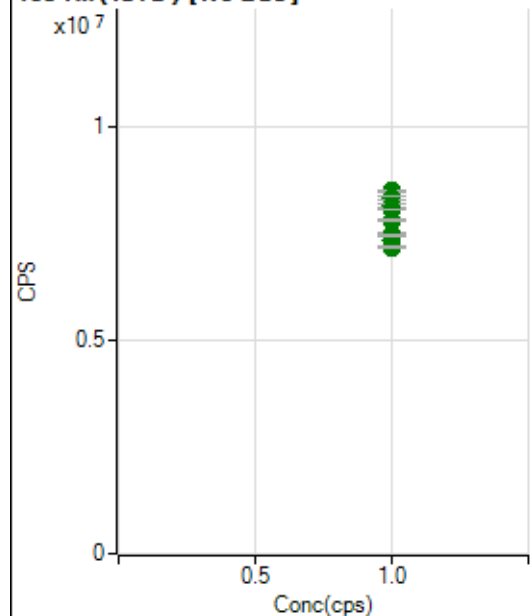
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		249073.28		P	1.1
2	☐	1.000					
3	☐	1.000		254720.89		P	0.4
4	☐	1.000		249918.30		P	0.5
5	☐	1.000		241980.41		P	0.0
6	☐	1.000		228666.77		P	0.5
7	☐	1.000		229032.14		P	1.0
8	☐	1.000		232469.71		P	0.8
9	☐	1.000		241926.53		P	1.4

89 Y (ISTD) [No Gas]

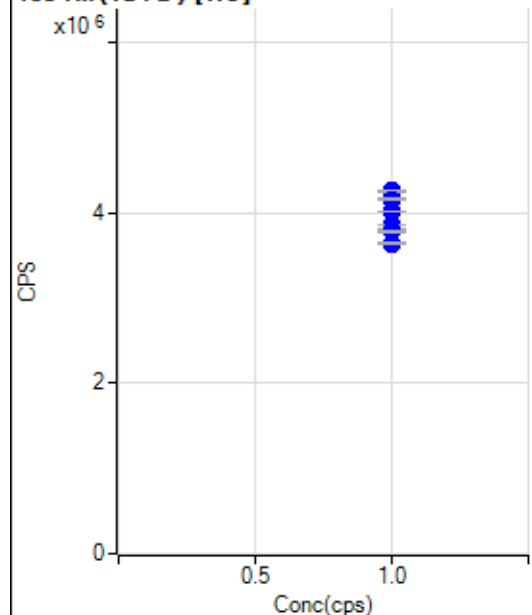
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9425268.75		A	0.3
2	☐	1.000					
3	☐	1.000		9300156.67		A	1.4
4	☐	1.000		9128561.11		A	0.1
5	☐	1.000		9152882.78		A	0.3
6	☐	1.000		8846526.54		A	0.5
7	☐	1.000		8472573.07		A	4.8
8	☐	1.000		8707617.09		A	0.5
9	☐	1.000		8819866.61		A	0.4

89 Y (ISTD) [He]

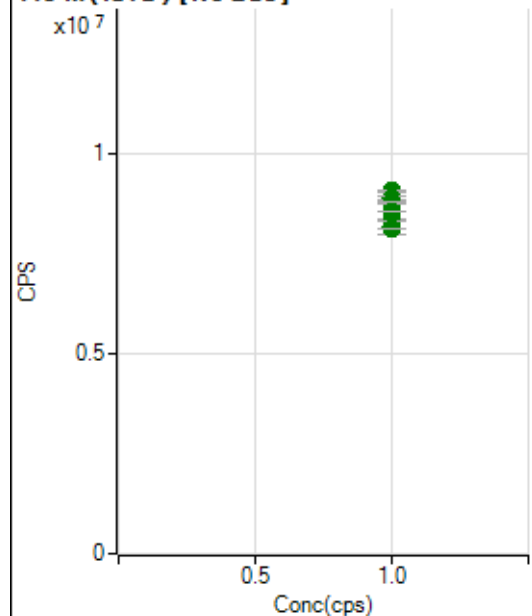
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1501215.73		P	0.9
2	☐	1.000					
3	☐	1.000		1529065.31		P	0.8
4	☐	1.000		1504879.11		P	0.2
5	☐	1.000		1448156.85		P	0.7
6	☐	1.000		1382165.74		P	0.3
7	☐	1.000		1369287.36		P	0.9
8	☐	1.000		1387212.32		P	0.6
9	☐	1.000		1429413.24		P	0.7

103 Rh (ISTD) [No Gas]

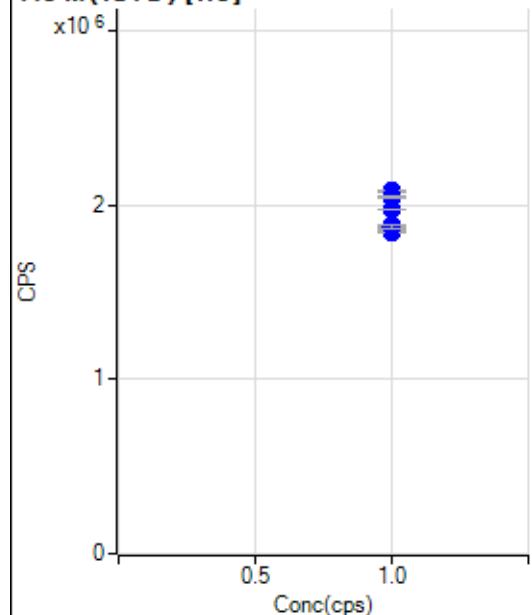
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8507880.31		A	0.2
2	☐	1.000					
3	☐	1.000		8329385.34		A	0.9
4	☐	1.000		8161810.08		A	0.6
5	☐	1.000		8075619.28		A	0.1
6	☐	1.000		7813235.42		A	0.5
7	☐	1.000		7354429.59		A	4.7
8	☐	1.000		7463788.01		A	0.4
9	☐	1.000		7181698.68		A	0.3

103 Rh (ISTD) [He]

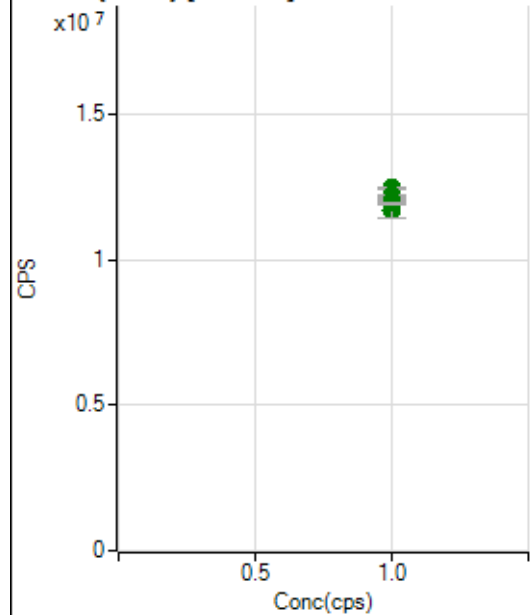
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4170334.24		P	0.7
2	☐	1.000					
3	☐	1.000		4259817.33		P	0.2
4	☐	1.000		4158539.83		P	0.4
5	☐	1.000		4016581.61		P	0.2
6	☐	1.000		3861497.09		P	0.4
7	☐	1.000		3803603.90		P	1.0
8	☐	1.000		3785866.37		P	0.5
9	☐	1.000		3644647.06		P	0.7

115 In (ISTD) [No Gas]

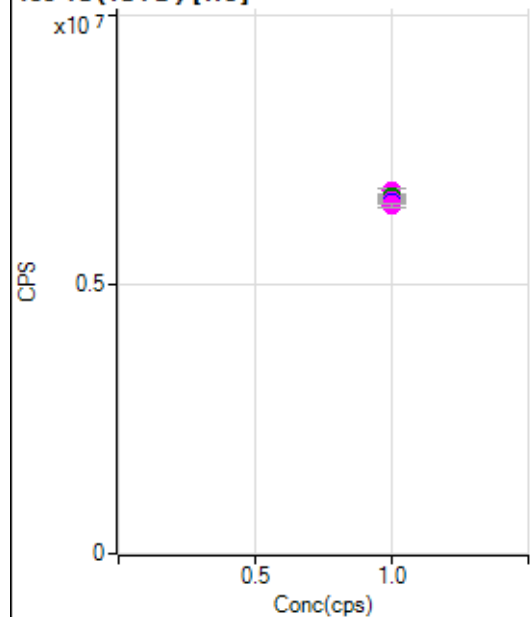
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9084155.35		A	0.4
2	☐	1.000					
3	☐	1.000		8899895.97		A	0.8
4	☐	1.000		8821473.70		A	0.3
5	☐	1.000		8802146.04		A	0.6
6	☐	1.000		8566900.64		A	0.2
7	☐	1.000		8201107.42		A	4.7
8	☐	1.000		8324680.31		A	0.3
9	☐	1.000		8141996.53		A	0.2

115 In (ISTD) [He]

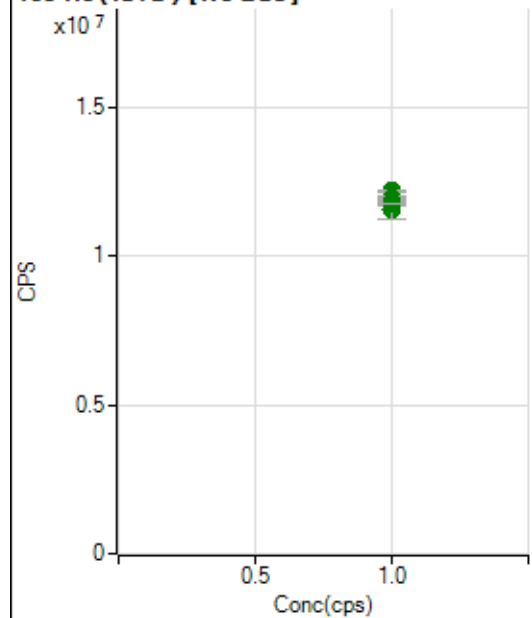
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2044648.86		P	1.0
2	☐	1.000					
3	☐	1.000		2080492.02		P	0.2
4	☐	1.000		2045718.16		P	0.1
5	☐	1.000		1974583.86		P	0.3
6	☐	1.000		1880178.79		P	0.4
7	☐	1.000		1850345.59		P	1.3
8	☐	1.000		1844951.55		P	0.5
9	☐	1.000		1870591.71		P	1.1

159 Tb (ISTD) [No Gas]

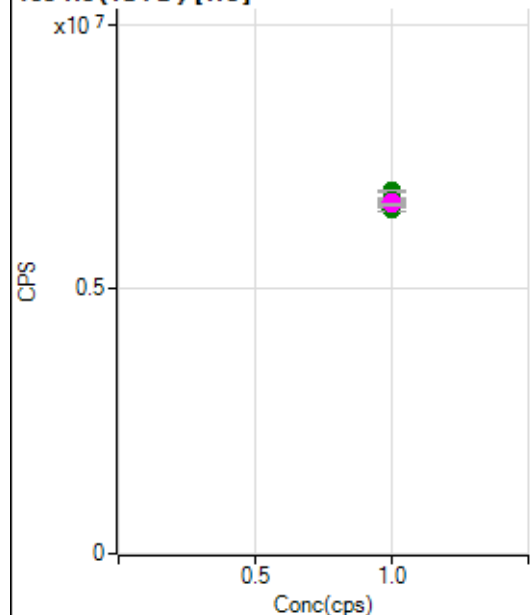
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12461787.73		A	0.7
2	☐	1.000					
3	☐	1.000		12100162.74		A	1.0
4	☐	1.000		12015406.91		A	0.5
5	☐	1.000		12198163.29		A	0.6
6	☐	1.000		12036312.60		A	0.4
7	☐	1.000		11688028.58		A	4.8
8	☐	1.000		12053506.35		A	0.2
9	☐	1.000		11931228.43		A	0.6

159 Tb (ISTD) [He]

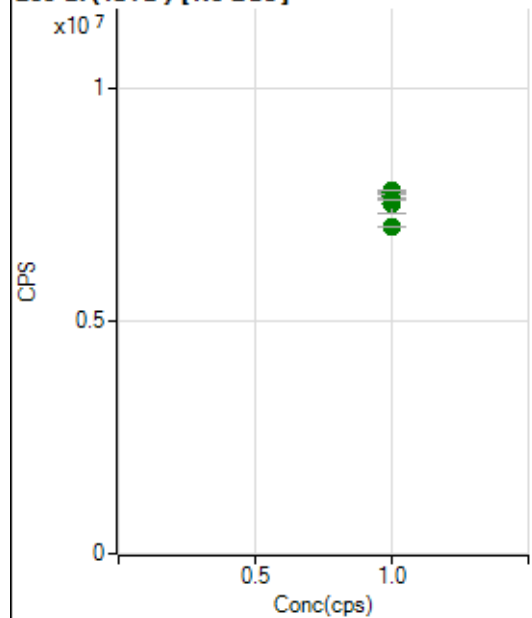
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6729178.58		M	1.8
2	☐	1.000					
3	☐	1.000		6619596.01		A	0.8
4	☐	1.000		6611065.25		A	0.5
5	☐	1.000		6567080.46		M	1.1
6	☐	1.000		6465161.85		M	0.9
7	☐	1.000		6539255.53		P	0.9
8	☐	1.000		6474353.79		M	1.8
9	☐	1.000		6462966.08		M	1.0

165 Ho (ISTD) [No Gas]

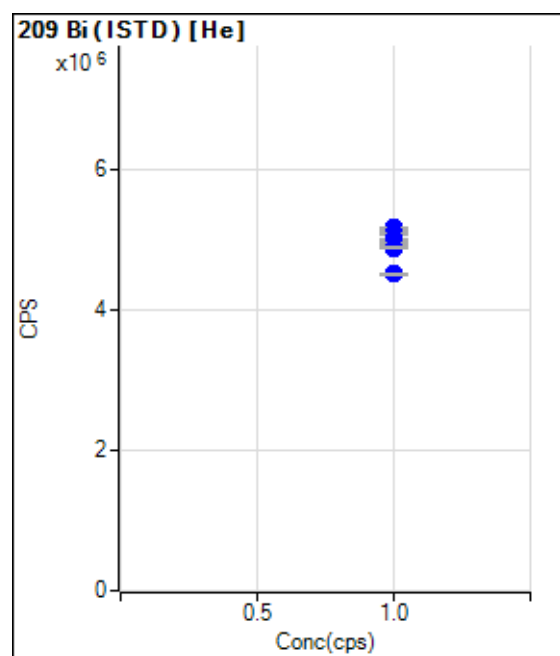
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12177727.01		A	0.3
2	☐	1.000					
3	☐	1.000		11796413.37		A	1.1
4	☐	1.000		11728687.07		A	0.7
5	☐	1.000		11970144.89		A	0.4
6	☐	1.000		11835706.26		A	0.2
7	☐	1.000		11541026.91		A	5.0
8	☐	1.000		11838791.85		A	0.5
9	☐	1.000		11754784.29		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6853894.69		A	0.4
2	☐	1.000					
3	☐	1.000		6684427.89		A	0.6
4	☐	1.000		6664988.44		A	0.3
5	☐	1.000		6652036.43		M	1.4
6	☐	1.000		6562252.54		M	1.2
7	☐	1.000		6516584.70		A	1.0
8	☐	1.000		6567603.65		A	0.8
9	☐	1.000		6599946.99		M	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7805752.94		A	0.5
2	☐	1.000					
3	☐	1.000		7681374.40		A	1.2
4	☐	1.000		7647257.32		A	0.1
5	☐	1.000		7805710.02		A	0.1
6	☐	1.000		7781989.54		A	0.6
7	☐	1.000		7539876.28		A	5.3
8	☐	1.000		7607199.75		A	0.3
9	☐	1.000		7033650.04		A	0.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5098962.60		P	0.9
2	☐	1.000					
3	☐	1.000		5168871.28		P	0.8
4	☐	1.000		5158601.84		P	0.5
5	☐	1.000		5095472.14		P	0.2
6	☐	1.000		5002998.50		P	0.8
7	☐	1.000		4949142.29		P	0.8
8	☐	1.000		4888538.12		P	0.8
9	☐	1.000		4514309.73		P	0.7

US EPA Tune Check Sample Report

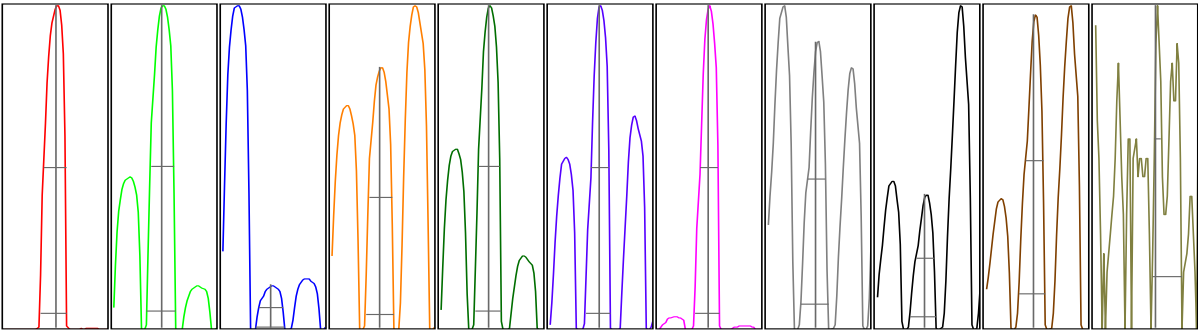
Batch Folder D:\ICP-MS Data\P7052218 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6748	0.30	5.00	
24	90408	0.53	5.00	
25	12181	0.59	5.00	
26	14043	0.67	5.00	
59	61121	0.25	5.00	
113	9912	0.26	5.00	
115	167713	0.39	5.00	
206	25164	0.32	5.00	
207	23315	0.31	5.00	
208	54092	0.91	5.00	
220	0	14.82		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6746	6722	6758	6737	6776
24	89812	90219	90452	90415	91144
25	12104	12124	12193	12197	12286
26	13929	13975	14048	14101	14164
59	60925	61081	61254	61050	61295
113	9889	9903	9901	9909	9957
115	168479	167778	167249	166898	168161
206	25195	25168	25206	25026	25226
207	23227	23386	23279	23291	23392
208	53423	54006	53893	54467	54669
220	0	0	1	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	11032	9.05	8.9 - 9.1		0.783	0.900	
24	139747	23.95	23.9 - 24.1		0.834	0.900	
25	18713	24.95	24.9 - 25.1		0.835	0.900	
26	21929	25.95	25.9 - 26.1		0.832	0.900	
59	102994	58.95	58.9 - 59.1		0.784	0.900	
113	18630	113.00	112.9 - 113.1		0.735	0.900	
115	316372	115.00	114.9 - 115.1		0.730	0.900	
206	47626	205.95	205.9 - 206.1		0.786	0.900	
207	43290	206.95	206.9 - 207.1		0.754	0.900	
208	104069	207.95	207.9 - 208.1		0.755	0.900	
220	1	220.35	-		0.850		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.7	V	Deflect	15.4	V
Extract 2	-165.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-75	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	16101	0.94	
89	46874	0.80	
205	17753	1.05	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	16350	16137	15991	15995	16031
89	47548	46714	46714	46706	46687
205	18029	17725	17836	17605	17571

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.1	V	Deflect	2.8	V
Extract 2	-140.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-65	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:45:04	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	-0.36	-0.13	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.01	0.23	-0.24	0.00	N/A	ppb
Boron	11-1	-0.06	-0.11	0.17	0.00	N/A	ppb
Cadmium	111-1	0.12	0.00	-0.12	0.00	N/A	ppb
Cadmium	106-1	1.50	-0.08	-1.43	0.00	N/A	ppb
Cadmium	108-1	-0.06	0.03	0.03	0.00	N/A	ppb
Calcium	43-1	-3.52	3.84	-0.32	0.00	N/A	ppb
Calcium	44-1	1.56	-0.74	-0.82	0.00	N/A	ppb
Chromium	52-2	0.00	0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.05	-0.02	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.21	-0.14	0.35	0.00	N/A	ppb
Iron	57-2	1.63	-0.04	-1.59	0.00	N/A	ppb
Lead	206-1	0.00	0.02	-0.02	0.00	N/A	ppb
Lead	207-1	0.01	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.27	-0.19	-0.08	0.00	N/A	ppb
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:45:04	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.02	0.03	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	2.11	-2.67	2.03	0.49	559.56	ppb
Potassium	39-2	5.30	-5.48	0.18	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.60	0.61	-0.01	0.00	N/A	ppb
Selenium	78-2	-0.06	-0.42	0.48	0.00	N/A	ppb
Selenium	82-1	-0.27	-0.72	0.99	0.00	N/A	ppb
Silicon	28-1	0.00	-0.20	0.20	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.01	0.00	N/A	ppb
Sodium	23-2	1.22	-1.27	0.04	0.00	N/A	ppb
Strontium	86-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Strontium	88-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sulfur	34-1	196.35	101.66	215.58	171.20	35.62	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.14	-0.07	-0.07	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:45:04	DataFile Name :	003CALB.d

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

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:53:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.87	18.06	17.97	18.30	2.72	ppb
Antimony	121-1	1.96	1.91	1.82	1.90	3.71	ppb
Arsenic	75-2	1.11	1.04	0.88	1.01	11.49	ppb
Barium	135-1	9.49	9.46	9.36	9.44	0.77	ppb
Barium	137-1	9.36	9.91	9.30	9.52	3.53	ppb
Beryllium	9-1	0.94	0.90	1.09	0.98	10.41	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	22.92	25.20	22.83	23.65	5.70	ppb
Boron	11-1	23.52	23.95	24.21	23.89	1.46	ppb
Cadmium	111-1	1.06	0.90	0.91	0.96	9.50	ppb
Cadmium	106-1	1.52	0.73	0.79	1.02	43.59	ppb
Cadmium	108-1	1.55	1.31	1.25	1.37	11.21	ppb
Calcium	43-1	446.40	486.78	450.27	461.15	4.83	ppb
Calcium	44-1	442.91	453.13	446.96	447.67	1.15	ppb
Chromium	52-2	1.98	2.10	2.10	2.06	3.45	ppb
Cobalt	59-2	1.00	0.97	0.95	0.97	2.42	ppb
Copper	63-2	1.96	1.96	1.94	1.96	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	51.19	50.23	51.30	50.91	1.15	ppb
Iron	57-2	49.74	51.11	59.34	53.40	9.72	ppb
Lead	206-1	0.88	0.94	0.90	0.91	3.38	ppb
Lead	207-1	0.94	0.83	0.91	0.90	6.23	ppb
Lead	208-1	0.93	0.90	0.90	0.91	1.90	ppb
Lithium	6-1				102		%
Magnesium	24-2	458.36	463.66	468.02	463.35	1.04	ppb
Manganese	55-2	1.12	1.13	1.13	1.12	0.73	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:53:22	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.69	4.66	4.82	4.72	1.75	ppb
Molybdenum	95-1	4.64	4.59	4.53	4.59	1.21	ppb
Molybdenum	96-1	4.54	4.79	4.61	4.65	2.82	ppb
Molybdenum	97-1	4.52	4.54	4.70	4.59	2.25	ppb
Molybdenum	98-1	4.75	4.72	4.49	4.65	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.91	0.94	0.97	8.27	ppb
Phosphorus	31-2	-1.74	-11.88	12.16	-0.49		ppb
Potassium	39-2	473.73	461.77	471.09	468.86	1.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	5.79	5.29	5.88	5.65	5.66	ppb
Selenium	78-2	3.99	5.06	5.54	4.86	16.38	ppb
Selenium	82-1	5.47	4.92	3.88	4.76	16.98	ppb
Silicon	28-1	11.74	13.67	10.35	11.92	13.99	ppb
Silver	109-1	1.07	0.97	1.05	1.03	5.17	ppb
Silver	107-1	0.98	1.07	1.04	1.03	4.82	ppb
Sodium	23-2	464.55	469.54	462.82	465.63	0.75	ppb
Strontium	86-1	0.99	1.05	0.91	0.98	7.24	ppb
Strontium	88-1	0.90	0.94	0.97	0.94	3.65	ppb
Sulfur	34-1	-151.04	27.56	-390.11	-171.20		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.90	0.95	0.90	0.91	2.97	ppb
Thallium	205-1	0.94	0.93	0.95	0.94	1.32	ppb
Tin	118-1	4.65	4.88	4.58	4.70	3.37	ppb
Titanium	47-1	4.87	4.63	4.58	4.69	3.31	ppb
Uranium	238-1	0.88	0.89	0.89	0.89	0.55	ppb
Vanadium	51-2	4.75	4.68	4.62	4.69	1.43	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	2.27	2.24	2.05	2.19	5.53	ppb
Zirconium	90-1	0.99	0.98	0.92	0.96	4.01	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:53:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	0.95	1.00	0.97	2.51	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:57:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1003.20	992.07	1004.35	999.87	0.68	ppb
Antimony	121-1	51.83	52.28	51.63	51.91	0.64	ppb
Arsenic	75-2	51.79	51.04	52.13	51.65	1.08	ppb
Barium	135-1	260.37	263.20	261.05	261.54	0.57	ppb
Barium	137-1	259.98	260.50	259.44	259.97	0.20	ppb
Beryllium	9-1	53.59	52.78	52.80	53.06	0.86	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	49.36	50.86	51.28	50.50	1.99	ppb
Boron	11-1	50.59	52.69	53.01	52.09	2.52	ppb
Cadmium	111-1	53.16	53.72	53.53	53.47	0.53	ppb
Cadmium	106-1	51.43	53.78	55.08	53.43	3.46	ppb
Cadmium	108-1	56.48	54.14	51.84	54.15	4.29	ppb
Calcium	43-1	4993.10	5013.54	5021.84	5009.50	0.30	ppb
Calcium	44-1	4995.71	5036.83	5007.00	5013.18	0.42	ppb
Chromium	52-2	51.96	51.77	51.69	51.81	0.27	ppb
Cobalt	59-2	52.93	52.83	52.02	52.59	0.94	ppb
Copper	63-2	106.68	106.26	105.48	106.14	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	2688.20	2697.16	2677.39	2687.59	0.37	ppb
Iron	57-2	2715.22	2659.17	2690.08	2688.16	1.04	ppb
Lead	206-1	49.11	49.27	48.97	49.11	0.31	ppb
Lead	207-1	49.13	49.20	49.27	49.20	0.14	ppb
Lead	208-1	49.32	49.42	49.47	49.40	0.15	ppb
Lithium	6-1				103		%
Magnesium	24-2	5086.76	5074.90	5052.87	5071.51	0.34	ppb
Manganese	55-2	104.40	103.97	103.74	104.04	0.32	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:57:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.90	249.68	251.81	250.80	0.43	ppb
Molybdenum	95-1	252.16	250.12	250.42	250.90	0.44	ppb
Molybdenum	96-1	253.12	252.08	252.45	252.55	0.21	ppb
Molybdenum	97-1	249.97	250.55	248.94	249.82	0.33	ppb
Molybdenum	98-1	254.79	254.01	252.77	253.86	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.84	54.11	54.11	54.02	0.29	ppb
Phosphorus	31-2	1077.08	1074.08	1050.47	1067.21	1.37	ppb
Potassium	39-2	2604.57	2612.02	2572.25	2596.28	0.81	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	51.27	51.69	50.72	51.23	0.95	ppb
Selenium	78-2	50.09	47.79	51.80	49.89	4.03	ppb
Selenium	82-1	50.71	52.31	52.81	51.94	2.11	ppb
Silicon	28-1	58.88	60.03	59.25	59.39	0.99	ppb
Silver	109-1	54.41	54.70	53.91	54.34	0.73	ppb
Silver	107-1	54.40	53.90	53.78	54.03	0.61	ppb
Sodium	23-2	5153.00	5098.63	5128.32	5126.65	0.53	ppb
Strontium	86-1	51.41	50.23	50.76	50.80	1.17	ppb
Strontium	88-1	50.04	50.55	50.29	50.30	0.51	ppb
Sulfur	34-1	1205.96	1308.74	1229.37	1248.02	4.32	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	49.54	49.39	49.32	49.42	0.23	ppb
Thallium	205-1	49.73	49.76	49.52	49.67	0.26	ppb
Tin	118-1	51.60	51.73	51.45	51.59	0.28	ppb
Titanium	47-1	253.86	257.40	256.06	255.77	0.70	ppb
Uranium	238-1	47.76	47.63	47.84	47.74	0.22	ppb
Vanadium	51-2	51.48	51.49	51.28	51.42	0.24	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	105.85	104.93	104.92	105.23	0.51	ppb
Zirconium	90-1	50.04	50.30	50.01	50.12	0.31	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:57:14	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.03	50.51	50.93	50.83	0.55	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:01:07	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2531.30	2514.90	2491.83	2512.68	0.79	ppb
Antimony	121-1	128.99	128.82	128.65	128.82	0.13	ppb
Arsenic	75-2	131.15	129.57	129.12	129.95	0.82	ppb
Barium	135-1	645.10	647.45	647.29	646.62	0.20	ppb
Barium	137-1	646.85	653.36	647.72	649.31	0.54	ppb
Beryllium	9-1	129.78	129.83	131.50	130.37	0.75	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	132.91	125.03	133.34	130.43	3.59	ppb
Boron	11-1	123.28	127.69	128.09	126.35	2.11	ppb
Cadmium	111-1	130.39	131.77	132.49	131.55	0.81	ppb
Cadmium	106-1	132.11	135.16	130.37	132.55	1.83	ppb
Cadmium	108-1	130.58	135.65	131.13	132.46	2.10	ppb
Calcium	43-1	12317.15	12330.85	12351.59	12333.19	0.14	ppb
Calcium	44-1	12651.54	12681.01	12625.96	12652.84	0.22	ppb
Chromium	52-2	129.80	128.29	128.74	128.94	0.60	ppb
Cobalt	59-2	130.46	129.19	129.52	129.72	0.51	ppb
Copper	63-2	264.89	262.59	261.91	263.13	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	6715.46	6662.39	6640.13	6672.66	0.58	ppb
Iron	57-2	6738.16	6620.78	6605.54	6654.83	1.09	ppb
Lead	206-1	123.19	123.44	123.54	123.39	0.15	ppb
Lead	207-1	123.15	123.20	123.57	123.31	0.19	ppb
Lead	208-1	124.00	123.82	124.23	124.02	0.17	ppb
Lithium	6-1				104		%
Magnesium	24-2	12940.10	12817.52	12838.50	12865.37	0.51	ppb
Manganese	55-2	260.63	258.65	258.42	259.23	0.47	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:01:07	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	623.94	626.52	624.04	624.83	0.23	ppb
Molybdenum	95-1	630.95	629.97	627.49	629.47	0.28	ppb
Molybdenum	96-1	632.95	631.06	628.96	630.99	0.32	ppb
Molybdenum	97-1	623.16	624.24	623.22	623.54	0.10	ppb
Molybdenum	98-1	633.77	636.95	634.72	635.14	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.12	131.31	132.04	132.49	1.10	ppb
Phosphorus	31-2	2577.82	2523.86	2586.39	2562.69	1.32	ppb
Potassium	39-2	6501.75	6327.29	6397.10	6408.71	1.37	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	136.43	135.69	130.28	134.13	2.50	ppb
Selenium	78-2	130.17	136.10	129.65	131.97	2.72	ppb
Selenium	82-1	130.42	132.01	130.35	130.93	0.72	ppb
Silicon	28-1	147.19	147.62	148.43	147.75	0.43	ppb
Silver	109-1	133.12	134.93	132.96	133.67	0.82	ppb
Silver	107-1	131.42	133.11	133.80	132.78	0.93	ppb
Sodium	23-2	13396.42	13172.23	13131.17	13233.27	1.08	ppb
Strontium	86-1	125.91	126.32	126.60	126.28	0.28	ppb
Strontium	88-1	126.21	126.77	126.47	126.48	0.22	ppb
Sulfur	34-1	2736.67	2601.90	2525.27	2621.28	4.08	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	123.62	124.52	124.58	124.24	0.44	ppb
Thallium	205-1	125.41	125.47	126.06	125.65	0.29	ppb
Tin	118-1	128.11	128.66	127.93	128.23	0.30	ppb
Titanium	47-1	627.10	627.97	634.14	629.74	0.61	ppb
Uranium	238-1	122.62	123.47	123.13	123.07	0.35	ppb
Vanadium	51-2	128.75	127.50	127.88	128.04	0.50	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	265.25	261.89	260.02	262.39	1.01	ppb
Zirconium	90-1	126.03	126.30	125.98	126.10	0.14	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:01:07	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	126.49	124.94	124.82	125.42	0.74	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:04:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5111.45	5183.94	5092.41	5129.27	0.94	ppb
Antimony	121-1	257.30	255.83	255.93	256.36	0.32	ppb
Arsenic	75-2	257.65	256.79	259.07	257.84	0.45	ppb
Barium	135-1	1272.10	1285.56	1275.76	1277.80	0.54	ppb
Barium	137-1	1283.77	1295.66	1293.05	1290.83	0.48	ppb
Beryllium	9-1	258.52	258.01	258.31	258.28	0.10	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	255.55	250.98	261.12	255.88	1.98	ppb
Boron	11-1	253.61	253.19	256.46	254.42	0.70	ppb
Cadmium	111-1	259.21	261.36	262.63	261.07	0.66	ppb
Cadmium	106-1	266.25	266.00	260.35	264.20	1.26	ppb
Cadmium	108-1	268.90	265.63	267.26	267.26	0.61	ppb
Calcium	43-1	24847.79	24807.84	25004.30	24886.64	0.42	ppb
Calcium	44-1	24930.72	24931.00	25158.74	25006.82	0.53	ppb
Chromium	52-2	257.37	259.48	257.59	258.14	0.45	ppb
Cobalt	59-2	259.28	263.16	259.85	260.77	0.80	ppb
Copper	63-2	523.01	531.79	529.62	528.14	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	13355.56	13438.39	13329.06	13374.34	0.43	ppb
Iron	57-2	13411.12	13428.51	13346.62	13395.42	0.32	ppb
Lead	206-1	248.33	246.87	248.21	247.80	0.33	ppb
Lead	207-1	248.04	246.46	247.85	247.45	0.35	ppb
Lead	208-1	250.71	248.84	249.51	249.68	0.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	26618.96	26739.74	26835.24	26731.32	0.41	ppb
Manganese	55-2	515.56	522.56	519.44	519.19	0.68	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:04:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1258.72	1271.34	1270.37	1266.81	0.55	ppb
Molybdenum	95-1	1267.04	1280.01	1276.36	1274.47	0.52	ppb
Molybdenum	96-1	1273.44	1284.62	1290.29	1282.79	0.67	ppb
Molybdenum	97-1	1249.88	1259.99	1266.71	1258.86	0.67	ppb
Molybdenum	98-1	1255.35	1264.38	1266.30	1262.01	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.00	265.21	264.39	264.20	0.42	ppb
Phosphorus	31-2	5300.79	5239.83	5152.50	5231.04	1.42	ppb
Potassium	39-2	12715.99	12862.23	12880.28	12819.50	0.70	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	269.37	278.26	261.32	269.65	3.14	ppb
Selenium	78-2	250.50	263.76	263.67	259.31	2.94	ppb
Selenium	82-1	256.92	259.25	265.38	260.51	1.68	ppb
Silicon	28-1	297.73	298.22	295.55	297.17	0.48	ppb
Silver	109-1	261.79	262.75	264.82	263.12	0.59	ppb
Silver	107-1	262.58	262.45	260.84	261.95	0.37	ppb
Sodium	23-2	26836.80	26890.32	26925.00	26884.04	0.17	ppb
Strontium	86-1	252.15	253.54	254.56	253.42	0.48	ppb
Strontium	88-1	255.85	256.49	257.74	256.69	0.37	ppb
Sulfur	34-1	5223.77	5101.07	5088.62	5137.82	1.45	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	251.17	250.10	250.61	250.63	0.21	ppb
Thallium	205-1	256.80	254.30	255.15	255.42	0.50	ppb
Tin	118-1	253.18	253.43	253.14	253.25	0.06	ppb
Titanium	47-1	1245.98	1248.49	1252.20	1248.89	0.25	ppb
Uranium	238-1	245.60	245.91	246.87	246.13	0.27	ppb
Vanadium	51-2	255.19	258.25	255.82	256.42	0.63	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	525.48	531.98	531.99	529.82	0.71	ppb
Zirconium	90-1	252.46	253.57	253.68	253.24	0.27	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:04:55	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	252.54	253.75	252.25	252.85	0.31	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:08:42	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10144.17	9982.39	10029.16	10051.91	0.83	ppb
Antimony	121-1	550.31	509.67	500.81	520.26	5.07	ppb
Arsenic	75-2	499.54	502.00	501.25	500.93	0.25	ppb
Barium	135-1	2745.34	2548.98	2507.19	2600.51	4.89	ppb
Barium	137-1	2710.66	2522.69	2475.11	2569.49	4.85	ppb
Beryllium	9-1	537.76	499.10	497.04	511.30	4.49	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	531.48	499.19	491.16	507.28	4.21	ppb
Boron	11-1	523.77	499.98	494.80	506.18	3.05	ppb
Cadmium	111-1	545.11	508.57	503.14	518.94	4.40	ppb
Cadmium	106-1	551.50	505.04	503.61	520.05	5.24	ppb
Cadmium	108-1	557.15	508.67	506.50	524.11	5.46	ppb
Calcium	43-1	53306.47	49112.57	49060.62	50493.22	4.83	ppb
Calcium	44-1	53710.72	49429.44	49276.92	50805.69	4.95	ppb
Chromium	52-2	497.95	501.82	502.17	500.65	0.47	ppb
Cobalt	59-2	505.93	502.18	503.48	503.86	0.38	ppb
Copper	63-2	1020.49	1011.87	1011.18	1014.51	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	26066.01	25968.29	25821.68	25952.00	0.47	ppb
Iron	57-2	26042.21	25883.29	25943.77	25956.42	0.31	ppb
Lead	206-1	536.22	493.34	488.06	505.87	5.22	ppb
Lead	207-1	537.02	498.07	486.73	507.27	5.20	ppb
Lead	208-1	545.10	503.48	488.30	512.29	5.74	ppb
Lithium	6-1				95		%
Magnesium	24-2	52423.31	51827.94	51850.63	52033.96	0.65	ppb
Manganese	55-2	1003.92	1007.12	1004.11	1005.05	0.18	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:08:42	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2705.74	2494.94	2470.34	2557.01	5.06	ppb
Molybdenum	95-1	2705.39	2499.93	2485.11	2563.47	4.80	ppb
Molybdenum	96-1	2723.07	2497.73	2484.32	2568.37	5.22	ppb
Molybdenum	97-1	2716.62	2521.54	2501.74	2579.97	4.60	ppb
Molybdenum	98-1	2688.71	2499.82	2475.41	2554.65	4.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.94	507.87	507.66	507.49	0.10	ppb
Phosphorus	31-2	10301.64	10043.79	9666.57	10004.00	3.19	ppb
Potassium	39-2	25398.68	25386.72	25342.14	25375.84	0.12	ppb
Rhodium	103-1				86		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	77-2	529.37	515.98	472.65	506.00	5.86	ppb
Selenium	78-2	521.75	512.43	518.48	517.55	0.91	ppb
Selenium	82-1	546.37	509.86	507.96	521.40	4.15	ppb
Silicon	28-1	657.94	601.03	603.00	620.66	5.20	ppb
Silver	109-1	548.60	510.85	506.47	521.98	4.44	ppb
Silver	107-1	548.24	508.89	503.92	520.35	4.67	ppb
Sodium	23-2	52546.61	52254.53	52309.66	52370.27	0.30	ppb
Strontium	86-1	538.38	503.28	492.94	511.53	4.66	ppb
Strontium	88-1	539.67	503.62	496.50	513.27	4.51	ppb
Sulfur	34-1	11400.34	9086.59	9306.81	9931.25	12.86	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	543.74	503.44	497.12	514.77	4.91	ppb
Thallium	205-1	540.72	497.05	491.51	509.76	5.29	ppb
Tin	118-1	541.56	504.62	493.33	513.17	4.92	ppb
Titanium	47-1	2683.55	2489.09	2468.75	2547.13	4.66	ppb
Uranium	238-1	540.25	496.69	488.12	508.35	5.50	ppb
Vanadium	51-2	498.33	502.29	500.59	500.40	0.40	ppb
Yttrium	89-1				90		%
Yttrium	89-2				91		%
Zinc	66-2	1017.34	1016.56	1008.24	1014.05	0.50	ppb
Zirconium	90-1	538.77	501.65	495.19	511.87	4.59	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:08:42	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	539.36	501.14	494.14	511.55	4.76	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:12:26	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19843.33	19775.01	19820.60	19812.98	0.18	ppb
Antimony	121-1	994.44	985.35	983.32	987.71	0.60	ppb
Arsenic	75-2	1001.17	998.65	990.80	996.88	0.54	ppb
Barium	135-1	4940.45	4908.85	4969.25	4939.52	0.61	ppb
Barium	137-1	4947.79	4932.78	4973.96	4951.51	0.42	ppb
Beryllium	9-1	993.59	993.87	986.91	991.46	0.40	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	983.17	996.03	1003.46	994.22	1.03	ppb
Boron	11-1	986.74	997.41	1002.52	995.56	0.81	ppb
Cadmium	111-1	989.00	985.70	985.61	986.77	0.20	ppb
Cadmium	106-1	995.75	980.05	980.13	985.31	0.92	ppb
Cadmium	108-1	989.15	980.68	977.64	982.49	0.61	ppb
Calcium	43-1	97102.73	97605.49	97322.95	97343.72	0.26	ppb
Calcium	44-1	97495.75	97902.49	97493.01	97630.42	0.24	ppb
Chromium	52-2	994.10	1000.49	996.58	997.06	0.32	ppb
Cobalt	59-2	993.65	994.90	995.42	994.66	0.09	ppb
Copper	63-2	1981.95	1984.13	1985.20	1983.76	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	51276.31	51387.10	51203.48	51288.97	0.18	ppb
Iron	57-2	51158.27	51488.57	51468.86	51371.90	0.36	ppb
Lead	206-1	996.84	991.75	1004.98	997.86	0.67	ppb
Lead	207-1	997.61	991.47	1002.68	997.25	0.56	ppb
Lead	208-1	994.91	989.31	998.03	994.09	0.44	ppb
Lithium	6-1				96		%
Magnesium	24-2	102732.85	102030.25	101261.29	102008.13	0.72	ppb
Manganese	55-2	1994.36	1998.02	1981.59	1991.32	0.43	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:12:26	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4983.35	4963.12	4955.35	4967.27	0.29	ppb
Molybdenum	95-1	4989.48	4958.99	4936.16	4961.54	0.54	ppb
Molybdenum	96-1	4968.01	4948.54	4953.67	4956.74	0.20	ppb
Molybdenum	97-1	4966.89	4948.23	4958.86	4957.99	0.19	ppb
Molybdenum	98-1	4984.11	4976.08	4944.46	4968.21	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	989.47	989.12	996.11	991.57	0.40	ppb
Phosphorus	31-2	20285.11	19728.52	19773.50	19929.04	1.55	ppb
Potassium	39-2	50091.55	49686.12	49629.38	49802.35	0.51	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	978.52	1018.92	975.21	990.88	2.46	ppb
Selenium	78-2	990.67	989.69	983.73	988.03	0.38	ppb
Selenium	82-1	990.38	978.88	988.24	985.84	0.62	ppb
Silicon	28-1	1076.76	849.08	847.81	924.55	14.26	ppb
Silver	109-1	984.60	981.60	987.09	984.43	0.28	ppb
Silver	107-1	981.32	984.66	991.01	985.66	0.50	ppb
Sodium	23-2	102750.93	102688.71	102251.46	102563.70	0.27	ppb
Strontium	86-1	992.56	996.59	990.39	993.18	0.32	ppb
Strontium	88-1	992.75	992.45	989.28	991.49	0.19	ppb
Sulfur	34-1	20371.66	19902.25	19643.17	19972.36	1.85	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	993.78	990.02	993.95	992.58	0.22	ppb
Thallium	205-1	997.32	987.53	996.26	993.70	0.54	ppb
Tin	118-1	994.23	993.07	989.07	992.12	0.27	ppb
Titanium	47-1	4960.34	4982.51	4984.65	4975.83	0.27	ppb
Uranium	238-1	1000.25	993.81	997.38	997.15	0.32	ppb
Vanadium	51-2	995.30	999.37	998.57	997.74	0.22	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	1991.17	1982.93	1977.04	1983.71	0.36	ppb
Zirconium	90-1	992.79	990.87	995.68	993.11	0.24	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:12:26	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	991.34	995.86	993.07	993.42	0.23	ppb

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 13:16:10 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100691.81	99556.71	99827.79	100025.43	0.59	ppb
Antimony	121-1	1.57	1.59	1.79	1.65	7.63	ppb
Arsenic	75-2	0.46	0.49	0.51	0.49	5.22	ppb
Barium	135-1	2.02	1.80	1.51	1.78	14.54	ppb
Barium	137-1	1.76	1.84	1.83	1.81	2.51	ppb
Beryllium	9-1	0.34	0.31	0.32	0.32	5.62	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Boron	10-1	26.03	23.33	23.15	24.17	6.66	ppb
Boron	11-1	25.10	24.34	21.98	23.81	6.85	ppb
Cadmium	111-1	0.06	0.09	0.12	0.09	32.38	ppb
Cadmium	106-1	-1.36	-0.38	-0.01	-0.58		ppb
Cadmium	108-1	0.10	0.13	0.26	0.17	51.09	ppb
Calcium	43-1	495521.87	503274.03	502679.25	500491.72	0.86	ppb
Calcium	44-1	499459.30	501627.39	500080.63	500389.11	0.22	ppb
Chromium	52-2	49.44	48.38	49.00	48.94	1.09	ppb
Cobalt	59-2	1.84	1.76	1.68	1.76	4.59	ppb
Copper	63-2	3.88	3.82	3.96	3.89	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	56-2	252187.03	248422.99	248162.52	249590.85	0.90	ppb
Iron	57-2	252634.83	247823.39	248261.39	249573.20	1.07	ppb
Lead	206-1	2.02	2.01	2.01	2.02	0.26	ppb
Lead	207-1	1.90	1.84	1.81	1.85	2.42	ppb
Lead	208-1	1.97	1.94	1.92	1.94	1.39	ppb
Lithium	6-1				99		%
Magnesium	24-2	499237.78	498672.10	499985.92	499298.60	0.13	ppb
Manganese	55-2	9.99	10.10	9.78	9.96	1.61	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:16:10	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.09	6.29	5.98	6.12	2.55	ppb
Molybdenum	95-1	8.31	8.06	8.09	8.15	1.69	ppb
Molybdenum	96-1	9.07	9.01	9.20	9.09	1.02	ppb
Molybdenum	97-1	8.48	8.16	8.12	8.26	2.36	ppb
Molybdenum	98-1	8.17	7.73	7.91	7.94	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.16	30.13	30.44	30.24	0.56	ppb
Phosphorus	31-2	8.64	13.18	7.62	9.81	30.16	ppb
Potassium	39-2	251876.81	248355.27	249711.23	249981.10	0.71	ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	0.03	-0.60	-0.60	-0.39		ppb
Selenium	78-2	0.90	1.45	1.14	1.16	23.77	ppb
Selenium	82-1	0.53	1.22	1.22	0.99	40.26	ppb
Silicon	28-1	97.36	102.08	102.38	100.61	2.80	ppb
Silver	109-1	0.13	0.11	0.13	0.12	9.78	ppb
Silver	107-1	0.11	0.11	0.10	0.10	6.54	ppb
Sodium	23-2	503553.73	497065.47	496790.20	499136.47	0.77	ppb
Strontium	86-1	33.82	33.65	33.55	33.67	0.40	ppb
Strontium	88-1	33.16	33.41	33.25	33.28	0.38	ppb
Sulfur	34-1	-1582.96	-1263.15	-1403.23	-1416.45		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.52	0.52	0.52	0.52	0.87	ppb
Thallium	205-1	0.56	0.53	0.51	0.53	4.73	ppb
Tin	118-1	1.67	1.55	1.70	1.64	4.95	ppb
Titanium	47-1	1.28	1.72	1.38	1.46	15.77	ppb
Uranium	238-1	0.23	0.25	0.20	0.23	9.82	ppb
Vanadium	51-2	0.67	0.59	0.59	0.62	7.18	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	7.46	7.77	8.03	7.75	3.65	ppb
Zirconium	90-1	0.29	0.29	0.29	0.29	1.34	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:16:10	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.31	0.25	0.28	10.90	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:23:09	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	533.53	541.79	518.85	531.39	2.19	ppb
Antimony	121-1	198.68	200.12	198.61	199.13	0.43	ppb
Arsenic	75-2	207.26	202.95	204.72	204.98	1.06	ppb
Barium	135-1	101.50	101.60	101.09	101.40	0.26	ppb
Barium	137-1	101.82	102.19	102.05	102.02	0.18	ppb
Beryllium	9-1	99.74	99.99	99.47	99.73	0.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	556.97	546.94	547.25	550.39	1.04	ppb
Boron	11-1	544.34	541.77	541.90	542.67	0.27	ppb
Cadmium	111-1	107.67	107.67	107.48	107.61	0.10	ppb
Cadmium	106-1	192.89	184.73	192.13	189.91	2.37	ppb
Cadmium	108-1	145.70	146.77	151.55	148.00	2.11	ppb
Calcium	43-1	2102.75	2153.56	2124.13	2126.82	1.20	ppb
Calcium	44-1	2059.35	2055.20	2055.39	2056.65	0.11	ppb
Chromium	52-2	99.00	99.87	97.91	98.93	0.99	ppb
Cobalt	59-2	103.42	103.67	101.44	102.84	1.19	ppb
Copper	63-2	104.71	104.15	103.23	104.03	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	1044.24	1043.57	1028.34	1038.72	0.87	ppb
Iron	57-2	1063.27	1063.66	1026.57	1051.17	2.03	ppb
Lead	206-1	196.97	196.03	196.82	196.61	0.26	ppb
Lead	207-1	188.32	188.92	188.30	188.52	0.19	ppb
Lead	208-1	193.70	194.47	194.35	194.17	0.21	ppb
Lithium	6-1				102		%
Magnesium	24-2	1204.38	1218.47	1202.72	1208.52	0.72	ppb
Manganese	55-2	100.42	100.22	99.33	99.99	0.58	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:23:09	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1114.60	1123.04	1127.52	1121.72	0.58	ppb
Molybdenum	95-1	503.56	504.03	507.39	504.99	0.41	ppb
Molybdenum	96-1	578.43	582.30	581.91	580.88	0.37	ppb
Molybdenum	97-1	497.10	499.05	501.81	499.32	0.47	ppb
Molybdenum	98-1	505.03	509.47	514.39	509.63	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.78	106.03	104.18	105.33	0.95	ppb
Phosphorus	31-2	1.13	-21.88	-19.01	-13.25		ppb
Potassium	39-2	2031.90	2026.33	1993.55	2017.26	1.03	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	220.12	207.08	210.39	212.53	3.19	ppb
Selenium	78-2	210.00	206.74	204.08	206.94	1.43	ppb
Selenium	82-1	202.45	202.21	204.39	203.02	0.59	ppb
Silicon	28-1	547.36	555.99	548.22	550.53	0.86	ppb
Silver	109-1	104.36	105.33	103.93	104.54	0.69	ppb
Silver	107-1	104.52	104.51	104.54	104.52	0.02	ppb
Sodium	23-2	2095.77	2100.10	2072.44	2089.44	0.71	ppb
Strontium	86-1	510.70	507.93	509.38	509.34	0.27	ppb
Strontium	88-1	513.05	513.08	511.51	512.55	0.17	ppb
Sulfur	34-1	-570.82	-452.12	-830.87	-617.94		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	201.95	201.74	199.95	201.21	0.55	ppb
Thallium	205-1	204.73	203.01	201.79	203.18	0.73	ppb
Tin	118-1	518.92	521.96	520.43	520.44	0.29	ppb
Titanium	47-1	504.15	515.54	504.06	507.92	1.30	ppb
Uranium	238-1	554.77	551.12	553.63	553.18	0.34	ppb
Vanadium	51-2	99.07	99.15	99.02	99.08	0.07	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	209.03	205.36	205.14	206.51	1.06	ppb
Zirconium	90-1	512.90	507.80	512.97	511.22	0.58	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:23:09	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	508.00	501.41	507.83	505.75	0.74	ppb

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 13:27:52 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.48	-0.47	-0.36	-0.44		ppb
Antimony	121-1	0.16	0.15	0.18	0.16	10.85	ppb
Arsenic	75-2	-0.03	-0.02	-0.04	-0.03		ppb
Barium	135-1	-0.04	-0.05	-0.06	-0.05		ppb
Barium	137-1	-0.04	-0.04	-0.04	-0.04		ppb
Beryllium	9-1	0.06	0.07	0.13	0.09	41.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	8.10	9.21	8.25	8.52	7.06	ppb
Boron	11-1	9.53	9.34	8.90	9.26	3.48	ppb
Cadmium	111-1	-0.05	0.00	-0.12	-0.06		ppb
Cadmium	106-1	-0.43	0.13	-1.54	-0.62		ppb
Cadmium	108-1	0.09	0.00	0.00	0.03	166.05	ppb
Calcium	43-1	-9.26	-9.51	-13.76	-10.84		ppb
Calcium	44-1	-13.88	-11.47	-13.60	-12.98		ppb
Chromium	52-2	-0.04	-0.02	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.08	-0.04	-0.04	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	-1.23	-1.40	-1.53	-1.38		ppb
Iron	57-2	-2.90	-1.43	-2.93	-2.42		ppb
Lead	206-1	0.03	0.04	0.04	0.04	21.45	ppb
Lead	207-1	0.03	0.02	0.03	0.02	24.06	ppb
Lead	208-1	0.03	0.04	0.04	0.04	15.25	ppb
Lithium	6-1				104		%
Magnesium	24-2	-1.15	-2.16	-2.65	-1.99		ppb
Manganese	55-2	-0.09	-0.07	-0.08	-0.08		ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:27:52	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.02	0.02	36.62	ppb
Molybdenum	95-1	0.03	-0.01	0.00	0.01	214.99	ppb
Molybdenum	96-1	0.04	0.04	0.03	0.04	12.85	ppb
Molybdenum	97-1	-0.01	0.01	0.03	0.01	148.90	ppb
Molybdenum	98-1	0.03	0.01	0.03	0.02	55.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.07	-0.10	-0.09		ppb
Phosphorus	31-2	-20.00	-10.23	24.23	-2.00		ppb
Potassium	39-2	-11.54	-7.41	-11.61	-10.19		ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	-0.60	-0.60	-0.60	-0.60		ppb
Selenium	78-2	-0.51	-0.01	-0.98	-0.50		ppb
Selenium	82-1	0.74	0.39	0.11	0.41	77.10	ppb
Silicon	28-1	-11.98	-12.07	-11.73	-11.93		ppb
Silver	109-1	0.01	0.00	0.01	0.01	129.95	ppb
Silver	107-1	0.01	0.00	0.00	0.00	32.68	ppb
Sodium	23-2	27.41	24.22	25.17	25.60	6.40	ppb
Strontium	86-1	-0.10	-0.11	-0.15	-0.12		ppb
Strontium	88-1	-0.07	-0.06	-0.07	-0.07		ppb
Sulfur	34-1	-1251.57	-1072.13	-1083.01	-1135.57		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.04	0.03	0.04	8.52	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	28.84	ppb
Tin	118-1	0.17	0.09	0.09	0.12	39.35	ppb
Titanium	47-1	-0.04	0.05	-0.03	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	202.42	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	-0.09	-0.24	-0.23	-0.19		ppb
Zirconium	90-1	0.02	0.02	0.00	0.01	122.31	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:27:52	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.00	0.01	158.78	ppb

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 13:31:26 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92368.89	92001.67	92897.34	92422.63	0.49	ppb
Antimony	121-1	1.29	1.25	1.34	1.29	3.73	ppb
Arsenic	75-2	0.27	0.40	0.25	0.31	27.20	ppb
Barium	135-1	1.41	1.39	1.46	1.42	2.86	ppb
Barium	137-1	1.40	1.33	1.40	1.38	3.11	ppb
Beryllium	9-1	0.34	0.33	0.26	0.31	13.73	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	8.08	6.73	7.36	7.39	9.17	ppb
Boron	11-1	7.28	7.52	7.57	7.46	2.10	ppb
Cadmium	111-1	0.24	0.25	0.12	0.20	36.35	ppb
Cadmium	106-1	-1.73	-0.86	-2.18	-1.59		ppb
Cadmium	108-1	9.95	11.34	10.79	10.70	6.54	ppb
Calcium	43-1	94847.61	95760.32	98732.32	96446.75	2.11	ppb
Calcium	44-1	95266.41	96522.47	100026.01	97271.63	2.54	ppb
Chromium	52-2	20.63	20.67	20.75	20.68	0.31	ppb
Cobalt	59-2	1.19	1.25	1.15	1.20	4.44	ppb
Copper	63-2	7.67	7.84	8.06	7.85	2.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	102084.81	102029.41	102985.85	102366.69	0.52	ppb
Iron	57-2	102690.35	102909.43	103963.33	103187.71	0.66	ppb
Lead	206-1	4.66	4.72	4.75	4.71	0.97	ppb
Lead	207-1	4.07	4.07	4.28	4.14	2.87	ppb
Lead	208-1	4.35	4.32	4.44	4.37	1.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	98544.80	99579.93	100040.86	99388.53	0.77	ppb
Manganese	55-2	7.77	8.03	7.78	7.86	1.83	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:31:26	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1321.55	1337.14	1382.87	1347.19	2.37	ppb
Molybdenum	95-1	1910.93	1929.83	1999.57	1946.77	2.40	ppb
Molybdenum	96-1	1855.03	1861.90	1933.86	1883.60	2.32	ppb
Molybdenum	97-1	1889.17	1918.82	1986.50	1931.50	2.58	ppb
Molybdenum	98-1	1927.05	1941.02	2021.23	1963.10	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.04	6.12	6.03	6.06	0.75	ppb
Phosphorus	31-2	97356.09	96734.94	98487.81	97526.28	0.91	ppb
Potassium	39-2	100455.90	99793.41	100703.11	100317.47	0.47	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	-0.60	-0.60	-0.60	-0.60		ppb
Selenium	78-2	-0.52	-1.12	-0.28	-0.64		ppb
Selenium	82-1	0.35	0.14	0.07	0.19	77.90	ppb
Silicon	28-1	10.05	11.82	15.96	12.61	24.03	ppb
Silver	109-1	0.17	0.17	0.20	0.18	9.35	ppb
Silver	107-1	0.13	0.18	0.16	0.16	13.95	ppb
Sodium	23-2	99397.66	100342.77	101676.62	100472.35	1.14	ppb
Strontium	86-1	33.67	33.60	35.10	34.12	2.48	ppb
Strontium	88-1	33.19	33.49	34.62	33.77	2.22	ppb
Sulfur	34-1	109460.39	109779.49	113148.58	110796.15	1.84	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.18	0.19	0.19	0.18	3.94	ppb
Thallium	205-1	0.18	0.19	0.18	0.19	2.51	ppb
Tin	118-1	0.20	0.20	0.18	0.19	5.71	ppb
Titanium	47-1	1970.27	1979.88	2051.15	2000.43	2.21	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	46.53	ppb
Vanadium	51-2	0.19	0.18	0.21	0.19	6.61	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	11.04	11.48	11.66	11.39	2.80	ppb
Zirconium	90-1	0.08	0.07	0.08	0.08	9.33	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:31:26	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.04	0.07	36.93	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:35:01	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93326.50	91944.70	92410.32	92560.50	0.76	ppb
Antimony	121-1	20.95	20.58	20.40	20.65	1.36	ppb
Arsenic	75-2	20.50	20.77	19.76	20.34	2.58	ppb
Barium	135-1	21.28	21.44	21.36	21.36	0.38	ppb
Barium	137-1	21.37	21.33	21.83	21.51	1.29	ppb
Beryllium	9-1	21.04	20.77	20.48	20.76	1.36	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	46.78	52.11	49.22	49.37	5.40	ppb
Boron	11-1	50.16	48.57	50.52	49.75	2.08	ppb
Cadmium	111-1	20.02	19.66	19.90	19.86	0.92	ppb
Cadmium	106-1	19.78	20.03	20.94	20.25	3.02	ppb
Cadmium	108-1	32.40	30.93	32.23	31.85	2.53	ppb
Calcium	43-1	96441.21	94599.94	96113.66	95718.27	1.03	ppb
Calcium	44-1	97231.93	96097.38	96799.85	96709.72	0.59	ppb
Chromium	52-2	41.43	41.28	42.08	41.60	1.03	ppb
Cobalt	59-2	21.32	21.39	21.13	21.28	0.62	ppb
Copper	63-2	27.63	28.43	28.26	28.11	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	103943.91	102419.40	103310.26	103224.52	0.74	ppb
Iron	57-2	104392.62	103028.52	103594.42	103671.85	0.66	ppb
Lead	206-1	24.51	24.70	24.97	24.73	0.93	ppb
Lead	207-1	22.87	22.78	22.40	22.68	1.11	ppb
Lead	208-1	23.54	23.47	23.42	23.48	0.25	ppb
Lithium	6-1				98		%
Magnesium	24-2	99471.46	98442.15	99718.49	99210.70	0.68	ppb
Manganese	55-2	28.67	27.87	28.33	28.29	1.41	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:35:01	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1436.90	1430.87	1438.83	1435.53	0.29	ppb
Molybdenum	95-1	1978.73	1973.94	1984.66	1979.11	0.27	ppb
Molybdenum	96-1	1916.68	1914.45	1929.55	1920.23	0.42	ppb
Molybdenum	97-1	1964.58	1963.18	1958.73	1962.17	0.16	ppb
Molybdenum	98-1	1981.08	1993.69	1988.44	1987.74	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.37	26.31	27.10	26.59	1.64	ppb
Phosphorus	31-2	97108.61	96534.93	97455.70	97033.08	0.48	ppb
Potassium	39-2	101196.18	100221.44	100762.04	100726.55	0.48	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	16.04	16.79	18.53	17.12	7.46	ppb
Selenium	78-2	20.12	17.38	21.66	19.72	11.00	ppb
Selenium	82-1	20.34	19.32	19.11	19.59	3.35	ppb
Silicon	28-1	58.87	56.90	58.23	58.00	1.73	ppb
Silver	109-1	18.96	18.97	18.90	18.95	0.19	ppb
Silver	107-1	19.08	18.87	18.67	18.88	1.09	ppb
Sodium	23-2	100605.65	99082.21	101107.59	100265.15	1.05	ppb
Strontium	86-1	76.01	76.16	76.98	76.38	0.69	ppb
Strontium	88-1	76.28	75.96	76.16	76.13	0.21	ppb
Sulfur	34-1	109287.35	108063.45	108435.55	108595.45	0.58	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	20.23	20.30	20.57	20.37	0.87	ppb
Thallium	205-1	20.43	20.43	20.18	20.35	0.71	ppb
Tin	118-1	42.77	42.25	42.38	42.47	0.64	ppb
Titanium	47-1	2026.28	2007.57	2017.34	2017.07	0.46	ppb
Uranium	238-1	44.04	43.32	44.09	43.81	0.99	ppb
Vanadium	51-2	19.69	19.70	19.92	19.77	0.66	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	31.84	31.56	31.55	31.65	0.52	ppb
Zirconium	90-1	43.10	42.97	43.71	43.26	0.91	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:35:01	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	43.20	42.95	43.12	43.09	0.30	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:38:35	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49560.57	49780.87	49427.37	49589.60	0.36	ppb
Antimony	121-1	501.32	499.22	498.49	499.67	0.29	ppb
Arsenic	75-2	504.83	503.43	507.21	505.16	0.38	ppb
Barium	135-1	2523.01	2524.90	2529.23	2525.71	0.13	ppb
Barium	137-1	2508.47	2534.52	2509.76	2517.59	0.58	ppb
Beryllium	9-1	514.10	517.87	521.84	517.94	0.75	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	504.93	511.62	534.44	517.00	2.99	ppb
Boron	11-1	517.94	521.39	523.16	520.83	0.51	ppb
Cadmium	111-1	490.50	489.92	490.29	490.24	0.06	ppb
Cadmium	106-1	498.96	501.44	504.74	501.71	0.58	ppb
Cadmium	108-1	490.21	494.33	505.99	496.85	1.65	ppb
Calcium	43-1	241944.05	241902.31	243725.30	242523.89	0.43	ppb
Calcium	44-1	241177.61	241046.20	243557.52	241927.11	0.58	ppb
Chromium	52-2	520.60	522.27	525.37	522.75	0.46	ppb
Cobalt	59-2	493.68	494.77	498.38	495.61	0.50	ppb
Copper	63-2	964.46	969.83	986.38	973.56	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	127233.90	127827.04	128624.45	127895.13	0.55	ppb
Iron	57-2	127268.45	128620.78	127934.69	127941.31	0.53	ppb
Lead	206-1	500.64	494.06	499.85	498.18	0.72	ppb
Lead	207-1	499.03	493.64	497.27	496.65	0.55	ppb
Lead	208-1	506.32	498.26	501.65	502.08	0.81	ppb
Lithium	6-1				98		%
Magnesium	24-2	247878.97	248394.24	247252.57	247841.92	0.23	ppb
Manganese	55-2	1004.34	1006.86	1013.41	1008.20	0.46	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:38:35	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2519.22	2494.36	2519.12	2510.90	0.57	ppb
Molybdenum	95-1	2523.37	2504.21	2519.88	2515.82	0.41	ppb
Molybdenum	96-1	2521.74	2523.34	2523.85	2522.98	0.04	ppb
Molybdenum	97-1	2513.28	2510.35	2515.79	2513.14	0.11	ppb
Molybdenum	98-1	2518.20	2528.24	2509.85	2518.76	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.40	508.79	507.31	505.83	0.77	ppb
Phosphorus	31-2	9934.58	10126.07	10062.95	10041.20	0.97	ppb
Potassium	39-2	125065.65	125587.58	125224.61	125292.61	0.21	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	479.56	475.45	492.55	482.52	1.85	ppb
Selenium	78-2	503.26	498.95	502.02	501.41	0.44	ppb
Selenium	82-1	493.22	492.28	487.81	491.10	0.59	ppb
Silicon	28-1	598.62	604.48	619.51	607.54	1.77	ppb
Silver	109-1	494.05	494.31	496.78	495.05	0.30	ppb
Silver	107-1	490.34	488.75	490.22	489.77	0.18	ppb
Sodium	23-2	250614.48	250583.57	250830.50	250676.18	0.05	ppb
Strontium	86-1	509.99	510.85	506.47	509.10	0.46	ppb
Strontium	88-1	510.48	508.27	513.06	510.60	0.47	ppb
Sulfur	34-1	9033.23	9112.27	9337.48	9160.99	1.72	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	510.76	508.82	513.42	511.00	0.45	ppb
Thallium	205-1	508.91	505.15	507.80	507.29	0.38	ppb
Tin	118-1	490.59	493.72	492.22	492.18	0.32	ppb
Titanium	47-1	2510.16	2471.35	2494.49	2492.00	0.78	ppb
Uranium	238-1	516.62	515.87	515.74	516.08	0.09	ppb
Vanadium	51-2	504.97	507.90	507.56	506.81	0.32	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	972.61	978.22	975.72	975.52	0.29	ppb
Zirconium	90-1	503.52	502.74	506.75	504.33	0.42	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:38:35	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.29	498.09	504.85	500.74	0.72	ppb

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : CCB60 Instrumnet Name : P7
 Client Sample ID : CCB60 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 13:48:10 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	-0.24	0.01	-0.11		ppb
Antimony	121-1	0.11	0.11	0.12	0.11	7.84	ppb
Arsenic	75-2	-0.03	-0.07	-0.03	-0.04		ppb
Barium	135-1	-0.06	-0.05	-0.02	-0.04		ppb
Barium	137-1	-0.07	-0.03	-0.05	-0.05		ppb
Beryllium	9-1	0.03	0.06	0.05	0.05	27.95	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	4.89	4.65	4.13	4.56	8.49	ppb
Boron	11-1	4.95	4.89	4.95	4.93	0.69	ppb
Cadmium	111-1	-0.19	-0.16	-0.22	-0.19		ppb
Cadmium	106-1	-2.46	-2.07	-2.63	-2.39		ppb
Cadmium	108-1	-0.03	-0.06	0.09	0.00		ppb
Calcium	43-1	-14.60	-8.23	-8.96	-10.60		ppb
Calcium	44-1	-14.20	-9.41	-11.96	-11.86		ppb
Chromium	52-2	-0.05	-0.03	-0.03	-0.04		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00		ppb
Copper	63-2	-0.05	-0.05	-0.09	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	-0.80	-0.73	-0.78	-0.77		ppb
Iron	57-2	-1.70	-0.89	-1.34	-1.31		ppb
Lead	206-1	0.04	0.04	0.02	0.04	30.43	ppb
Lead	207-1	0.03	0.04	0.03	0.04	22.40	ppb
Lead	208-1	0.04	0.04	0.04	0.04	7.25	ppb
Lithium	6-1				101		%
Magnesium	24-2	-1.12	-1.27	-1.12	-1.17		ppb
Manganese	55-2	-0.07	-0.08	-0.08	-0.07		ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:48:10	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	95-1	0.02	0.01	0.00	0.01	119.54	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.04	16.98	ppb
Molybdenum	97-1	0.05	0.09	0.04	0.06	51.51	ppb
Molybdenum	98-1	0.03	0.05	0.01	0.03	63.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.09	-0.04	-0.05		ppb
Phosphorus	31-2	-21.65	-42.42	-1.61	-21.89		ppb
Potassium	39-2	-5.25	1.84	1.02	-0.80		ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	-0.60	0.00	-0.60	-0.40		ppb
Selenium	78-2	0.90	0.66	-0.24	0.44	135.84	ppb
Selenium	82-1	-0.01	-0.06	-0.14	-0.07		ppb
Silicon	28-1	-13.53	-14.61	-13.46	-13.86		ppb
Silver	109-1	0.01	0.01	0.03	0.02	62.36	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.07	ppb
Sodium	23-2	29.84	32.24	33.21	31.76	5.46	ppb
Strontium	86-1	-0.12	-0.07	-0.13	-0.10		ppb
Strontium	88-1	-0.08	-0.04	-0.06	-0.06		ppb
Sulfur	34-1	-1350.97	-1307.12	-1368.81	-1342.30		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.04	0.03	0.04	15.60	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	19.82	ppb
Tin	118-1	0.01	0.02	0.03	0.02	63.74	ppb
Titanium	47-1	0.00	-0.01	0.01	0.00	937.71	ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	24.08	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	-0.22	-0.22	-0.16	-0.20		ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	612.27	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:48:10	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.02	0.01	75.42	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:51:42	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.72	17.40	19.05	18.39	4.73	ppb
Antimony	121-1	2.02	1.93	2.13	2.03	4.97	ppb
Arsenic	75-2	0.84	0.83	0.83	0.84	0.20	ppb
Barium	135-1	9.26	9.34	9.73	9.44	2.67	ppb
Barium	137-1	9.11	9.12	9.51	9.25	2.47	ppb
Beryllium	9-1	0.95	0.95	1.00	0.97	2.90	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	28.12	28.33	27.30	27.92	1.95	ppb
Boron	11-1	25.93	27.27	26.39	26.53	2.57	ppb
Cadmium	111-1	0.91	0.77	0.75	0.81	10.94	ppb
Cadmium	106-1	0.08	-0.74	-0.74	-0.47		ppb
Cadmium	108-1	0.93	0.74	0.86	0.84	11.40	ppb
Calcium	43-1	423.58	449.04	437.28	436.63	2.92	ppb
Calcium	44-1	426.55	429.61	432.65	429.60	0.71	ppb
Chromium	52-2	2.04	2.02	2.03	2.03	0.62	ppb
Cobalt	59-2	0.95	0.95	0.99	0.97	2.57	ppb
Copper	63-2	1.91	2.02	2.08	2.00	4.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	49.40	49.37	49.23	49.33	0.18	ppb
Iron	57-2	55.20	53.40	46.61	51.73	8.75	ppb
Lead	206-1	0.90	0.95	0.91	0.92	2.74	ppb
Lead	207-1	0.91	0.93	0.93	0.93	1.05	ppb
Lead	208-1	0.92	0.93	0.94	0.93	1.00	ppb
Lithium	6-1				101		%
Magnesium	24-2	467.42	462.83	472.80	467.68	1.07	ppb
Manganese	55-2	0.85	0.91	1.01	0.93	8.76	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:51:42	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.64	4.45	4.60	4.57	2.19	ppb
Molybdenum	95-1	4.48	4.62	4.47	4.52	1.87	ppb
Molybdenum	96-1	4.77	4.67	4.52	4.65	2.65	ppb
Molybdenum	97-1	4.67	4.34	4.67	4.56	4.22	ppb
Molybdenum	98-1	4.81	4.66	4.70	4.73	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.99	0.89	0.94	4.93	ppb
Phosphorus	31-2	-3.76	-51.76	3.37	-17.38		ppb
Potassium	39-2	470.91	479.18	479.18	476.42	1.00	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	2.38	2.37	4.74	3.16	43.24	ppb
Selenium	78-2	3.02	3.77	3.87	3.55	13.03	ppb
Selenium	82-1	4.76	4.76	4.69	4.74	0.92	ppb
Silicon	28-1	2.96	2.59	2.50	2.68	9.08	ppb
Silver	109-1	1.03	1.03	0.97	1.01	3.61	ppb
Silver	107-1	1.00	0.97	0.99	0.99	1.24	ppb
Sodium	23-2	500.66	504.27	497.11	500.68	0.71	ppb
Strontium	86-1	0.87	0.95	0.71	0.84	14.39	ppb
Strontium	88-1	0.92	0.88	0.88	0.89	2.74	ppb
Sulfur	34-1	-1127.91	-1214.55	-1344.47	-1228.98		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.97	0.99	0.94	0.97	2.79	ppb
Thallium	205-1	0.95	0.96	0.94	0.95	1.27	ppb
Tin	118-1	4.73	4.72	4.76	4.73	0.41	ppb
Titanium	47-1	4.85	4.25	4.68	4.59	6.76	ppb
Uranium	238-1	0.88	0.87	0.86	0.87	1.40	ppb
Vanadium	51-2	4.59	4.79	4.54	4.64	2.86	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	2.04	1.90	1.75	1.90	7.57	ppb
Zirconium	90-1	0.98	0.96	1.00	0.98	2.26	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:51:42	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.82	1.02	0.93	0.92	10.95	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:55:15	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.25	15.45	18.78	17.16	9.72	ppb
Antimony	121-1	1.99	1.90	1.88	1.92	3.13	ppb
Arsenic	75-2	0.78	1.13	1.10	1.01	19.30	ppb
Barium	135-1	9.12	9.51	9.16	9.26	2.32	ppb
Barium	137-1	9.32	9.57	9.29	9.40	1.65	ppb
Beryllium	9-1	0.93	1.00	1.14	1.02	10.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	25.74	24.92	27.25	25.97	4.55	ppb
Boron	11-1	25.89	26.83	28.07	26.93	4.07	ppb
Cadmium	111-1	0.85	0.85	0.63	0.78	16.22	ppb
Cadmium	106-1	-0.20	-0.65	-2.45	-1.10		ppb
Cadmium	108-1	0.87	0.71	1.44	1.01	37.83	ppb
Calcium	43-1	447.53	422.25	445.15	438.31	3.18	ppb
Calcium	44-1	436.16	428.56	435.27	433.33	0.96	ppb
Chromium	52-2	1.98	1.98	2.03	2.00	1.44	ppb
Cobalt	59-2	1.03	0.96	1.05	1.01	4.40	ppb
Copper	63-2	2.15	2.14	2.11	2.13	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				100		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	55.51	55.17	55.33	55.33	0.31	ppb
Iron	57-2	54.99	57.81	56.44	56.41	2.51	ppb
Lead	206-1	0.92	0.95	0.91	0.93	2.37	ppb
Lead	207-1	0.93	0.89	0.87	0.90	3.40	ppb
Lead	208-1	0.94	0.93	0.91	0.93	2.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	467.83	472.15	471.87	470.62	0.51	ppb
Manganese	55-2	1.01	0.88	1.05	0.98	8.69	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:55:15	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.63	4.59	4.75	4.65	1.78	ppb
Molybdenum	95-1	4.49	4.57	4.50	4.52	0.88	ppb
Molybdenum	96-1	4.81	4.70	4.59	4.70	2.39	ppb
Molybdenum	97-1	4.42	4.56	4.45	4.48	1.68	ppb
Molybdenum	98-1	4.53	4.53	4.49	4.52	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.95	0.97	0.98	3.85	ppb
Phosphorus	31-2	11.48	-12.02	12.77	4.08	342.43	ppb
Potassium	39-2	479.53	475.96	484.05	479.85	0.84	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	7.07	6.00	4.17	5.75	25.54	ppb
Selenium	78-2	4.98	4.75	4.97	4.90	2.73	ppb
Selenium	82-1	4.02	4.01	4.66	4.23	8.85	ppb
Silicon	28-1	3.40	2.44	3.65	3.16	20.21	ppb
Silver	109-1	1.02	1.10	1.07	1.06	4.00	ppb
Silver	107-1	0.99	1.00	1.00	0.99	0.62	ppb
Sodium	23-2	501.03	492.93	491.63	495.20	1.03	ppb
Strontium	86-1	0.70	0.82	0.87	0.80	11.12	ppb
Strontium	88-1	0.90	0.86	0.87	0.88	2.76	ppb
Sulfur	34-1	-1104.33	-1213.48	-1400.95	-1239.59		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.88	0.96	0.98	0.94	5.71	ppb
Thallium	205-1	0.92	0.96	0.95	0.94	2.20	ppb
Tin	118-1	4.62	4.83	4.75	4.73	2.24	ppb
Titanium	47-1	4.31	4.63	4.51	4.48	3.64	ppb
Uranium	238-1	0.87	0.86	0.86	0.86	0.92	ppb
Vanadium	51-2	4.93	4.74	4.80	4.82	2.00	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2.30	2.33	2.01	2.21	7.91	ppb
Zirconium	90-1	0.99	0.97	0.97	0.97	1.27	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:55:15	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.10	0.98	1.01	1.03	5.91	ppb

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : PB109389BL Instrumnet Name : P7
 Client Sample ID : PB109389BL Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 13:58:48 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.73	-0.25	-0.49	-0.49		ppb
Antimony	121-1	0.01	0.04	0.03	0.03	46.99	ppb
Arsenic	75-2	-0.03	-0.03	-0.07	-0.04		ppb
Barium	135-1	-0.08	-0.05	-0.06	-0.06		ppb
Barium	137-1	-0.07	-0.07	-0.06	-0.07		ppb
Beryllium	9-1	0.04	0.01	0.02	0.03	66.43	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	3.13	2.74	2.54	2.80	10.82	ppb
Boron	11-1	3.39	2.62	2.76	2.92	14.05	ppb
Cadmium	111-1	-0.12	-0.18	0.13	-0.05		ppb
Cadmium	106-1	-1.33	-2.15	1.97	-0.50		ppb
Cadmium	108-1	-0.06	-0.06	0.00	-0.04		ppb
Calcium	43-1	-15.84	-15.89	-13.70	-15.14		ppb
Calcium	44-1	-14.63	-14.92	-15.14	-14.90		ppb
Chromium	52-2	-0.04	-0.03	-0.03	-0.03		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.08	-0.09	-0.10	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	-1.58	-1.45	-1.48	-1.50		ppb
Iron	57-2	-3.39	-2.67	-2.12	-2.73		ppb
Lead	206-1	0.02	0.02	0.02	0.02	15.83	ppb
Lead	207-1	0.01	0.01	-0.01	0.00	265.61	ppb
Lead	208-1	0.01	0.01	0.01	0.01	37.02	ppb
Lithium	6-1				102		%
Magnesium	24-2	-2.16	-2.11	-1.82	-2.03		ppb
Manganese	55-2	-0.08	-0.07	-0.08	-0.08		ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	PB109389BL	Instrumnet Name :	P7
Client Sample ID :	PB109389BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:58:48	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.07	-0.08	-0.09	-0.08		ppb
Molybdenum	95-1	-0.06	-0.05	-0.07	-0.06		ppb
Molybdenum	96-1	-0.05	-0.04	-0.04	-0.04		ppb
Molybdenum	97-1	-0.05	-0.05	-0.06	-0.05		ppb
Molybdenum	98-1	-0.05	-0.04	-0.04	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.06	-0.10	-0.08		ppb
Phosphorus	31-2	7.51	-10.72	-33.23	-12.14		ppb
Potassium	39-2	8.51	3.39	0.27	4.06	102.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	-0.60	-0.60	-0.60	-0.60		ppb
Selenium	78-2	-0.46	-0.46	-0.06	-0.33		ppb
Selenium	82-1	0.06	-0.37	0.68	0.12	424.59	ppb
Silicon	28-1	-11.91	-12.86	-12.61	-12.46		ppb
Silver	109-1	0.00	0.00	0.00	0.00	130.53	ppb
Silver	107-1	0.00	0.01	0.00	0.00	269.86	ppb
Sodium	23-2	15.93	17.00	16.44	16.46	3.23	ppb
Strontium	86-1	-0.07	-0.08	-0.11	-0.09		ppb
Strontium	88-1	-0.08	-0.07	-0.07	-0.07		ppb
Sulfur	34-1	-728.70	-902.58	-793.45	-808.24		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	27.57	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	31.39	ppb
Tin	118-1	0.02	0.01	0.02	0.02	47.88	ppb
Titanium	47-1	-0.04	-0.03	-0.05	-0.04		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	118.56	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	-0.24	-0.24	-0.13	-0.20		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	PB109389BL	Instrumnet Name :	P7
Client Sample ID :	PB109389BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:58:48	DataFile Name :	020CCBE.d

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

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	PB109389BS	Instrumnet Name :	P7
Client Sample ID :	PB109389BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:02:22	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9880.65	10002.90	12230.14	10704.57	12.36	ppb
Antimony	121-1	519.32	510.96	506.80	512.36	1.24	ppb
Arsenic	75-2	504.91	511.36	634.23	550.17	13.24	ppb
Barium	135-1	2589.45	2573.03	2550.70	2571.06	0.76	ppb
Barium	137-1	2596.73	2572.21	2534.59	2567.84	1.22	ppb
Beryllium	9-1	517.50	511.88	512.00	513.80	0.63	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	484.82	508.82	506.23	499.96	2.63	ppb
Boron	11-1	492.06	505.60	500.12	499.26	1.36	ppb
Cadmium	111-1	516.87	510.91	509.30	512.36	0.78	ppb
Cadmium	106-1	531.96	521.22	512.15	521.78	1.90	ppb
Cadmium	108-1	523.08	513.71	514.89	517.23	0.99	ppb
Calcium	43-1	49311.91	49275.71	48955.84	49181.15	0.40	ppb
Calcium	44-1	49928.19	49960.99	49540.22	49809.80	0.47	ppb
Chromium	52-2	510.48	509.51	621.93	547.30	11.81	ppb
Cobalt	59-2	510.42	506.56	618.91	545.30	11.70	ppb
Copper	63-2	1017.06	1026.84	1255.49	1099.79	12.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				90		%
Iron	56-2	26501.87	26473.58	32757.56	28577.67	12.67	ppb
Iron	57-2	26289.75	26281.50	32253.62	28274.96	12.19	ppb
Lead	206-1	501.38	493.01	493.44	495.94	0.95	ppb
Lead	207-1	498.52	489.73	493.50	493.92	0.89	ppb
Lead	208-1	502.59	494.54	497.33	498.15	0.82	ppb
Lithium	6-1				102		%
Magnesium	24-2	51784.14	51678.54	63851.02	55771.23	12.55	ppb
Manganese	55-2	1016.32	1020.28	1248.90	1095.17	12.16	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	PB109389BS	Instrumnet Name :	P7
Client Sample ID :	PB109389BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:02:22	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2526.81	2518.37	2484.82	2510.00	0.88	ppb
Molybdenum	95-1	2538.00	2509.76	2479.33	2509.03	1.17	ppb
Molybdenum	96-1	2529.44	2521.45	2485.12	2512.01	0.94	ppb
Molybdenum	97-1	2523.35	2514.05	2490.41	2509.27	0.68	ppb
Molybdenum	98-1	2511.38	2509.47	2488.83	2503.23	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.83	513.20	629.14	551.05	12.27	ppb
Phosphorus	31-2	10084.84	10084.89	12329.46	10833.06	11.96	ppb
Potassium	39-2	26207.03	26075.57	31983.79	28088.80	12.01	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	506.57	528.61	678.94	571.37	16.42	ppb
Selenium	78-2	525.36	506.70	635.09	555.72	12.48	ppb
Selenium	82-1	505.49	509.09	502.93	505.84	0.61	ppb
Silicon	28-1	580.00	583.66	578.14	580.60	0.48	ppb
Silver	109-1	527.34	522.30	518.09	522.57	0.89	ppb
Silver	107-1	528.07	521.30	513.82	521.06	1.37	ppb
Sodium	23-2	52193.32	51917.91	63971.60	56027.61	12.28	ppb
Strontium	86-1	504.19	499.49	498.14	500.61	0.63	ppb
Strontium	88-1	506.86	502.12	502.79	503.93	0.51	ppb
Sulfur	34-1	10324.29	9881.58	9649.29	9951.72	3.45	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	507.91	501.16	502.07	503.71	0.73	ppb
Thallium	205-1	508.16	502.84	505.62	505.54	0.53	ppb
Tin	118-1	512.60	504.10	502.25	506.31	1.09	ppb
Titanium	47-1	2522.53	2502.72	2487.33	2504.19	0.70	ppb
Uranium	238-1	495.71	495.73	494.47	495.30	0.15	ppb
Vanadium	51-2	505.27	504.81	615.65	541.91	11.78	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	1008.53	1019.64	1250.61	1092.93	12.51	ppb
Zirconium	90-1	504.70	503.90	500.96	503.19	0.39	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	PB109389BS	Instrumnet Name :	P7
Client Sample ID :	PB109389BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:02:22	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.67	499.63	495.49	498.93	0.63	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-01	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(105-107)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:05:55	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69929.37	69237.45	69536.67	69567.83	0.50	ppb
Antimony	121-1	0.55	0.62	0.65	0.61	8.81	ppb
Arsenic	75-2	19.70	19.85	19.52	19.69	0.83	ppb
Barium	135-1	1201.49	1201.39	1220.80	1207.90	0.93	ppb
Barium	137-1	1219.47	1206.48	1222.57	1216.17	0.70	ppb
Beryllium	9-1	5.29	5.29	5.24	5.27	0.59	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	55.14	50.88	53.20	53.07	4.02	ppb
Boron	11-1	58.25	58.16	58.38	58.26	0.20	ppb
Cadmium	111-1	1.33	1.33	1.50	1.39	6.93	ppb
Cadmium	106-1	12.35	13.80	14.30	13.48	7.51	ppb
Cadmium	108-1	5.06	6.39	5.80	5.75	11.57	ppb
Calcium	43-1	214088.22	214056.72	215398.86	214514.60	0.36	ppb
Calcium	44-1	212702.71	213576.28	214404.30	213561.10	0.40	ppb
Chromium	52-2	120.46	119.47	119.49	119.81	0.47	ppb
Cobalt	59-2	71.88	71.07	71.56	71.51	0.57	ppb
Copper	63-2	185.18	184.51	187.19	185.62	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	143275.81	142788.38	142937.98	143000.72	0.17	ppb
Iron	57-2	145084.58	143416.67	143031.79	143844.34	0.76	ppb
Lead	206-1	78.42	78.73	77.83	78.33	0.58	ppb
Lead	207-1	71.02	71.20	70.89	71.04	0.22	ppb
Lead	208-1	74.69	74.75	74.68	74.71	0.05	ppb
Lithium	6-1				98		%
Magnesium	24-2	87345.13	86637.78	86839.91	86940.94	0.42	ppb
Manganese	55-2	4399.41	4366.63	4365.92	4377.32	0.44	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-01	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(105-107)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:05:55	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	58.88	58.72	58.71	58.77	0.16	ppb
Molybdenum	95-1	2.29	2.20	2.23	2.24	1.97	ppb
Molybdenum	96-1	9.81	9.64	9.71	9.72	0.88	ppb
Molybdenum	97-1	2.21	2.32	2.18	2.24	3.35	ppb
Molybdenum	98-1	2.34	2.18	2.20	2.24	3.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	171.80	172.55	170.57	171.64	0.58	ppb
Phosphorus	31-2	5992.96	6102.71	5988.99	6028.22	1.07	ppb
Potassium	39-2	21334.10	21141.49	20969.01	21148.20	0.86	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	51.08	60.34	51.23	54.22	9.79	ppb
Selenium	78-2	12.84	10.48	10.74	11.36	11.40	ppb
Selenium	82-1	1.69	1.57	2.03	1.76	13.63	ppb
Silicon	28-1	1889.96	1869.47	1891.71	1883.71	0.66	ppb
Silver	109-1	0.24	0.25	0.20	0.23	11.24	ppb
Silver	107-1	0.29	0.32	0.25	0.29	11.95	ppb
Sodium	23-2	1887.42	1868.20	1865.87	1873.83	0.63	ppb
Strontium	86-1	478.12	476.75	479.30	478.06	0.27	ppb
Strontium	88-1	480.91	481.56	482.93	481.80	0.21	ppb
Sulfur	34-1	10855.85	10869.97	10991.54	10905.79	0.68	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	1.53	1.47	1.41	1.47	4.37	ppb
Thallium	205-1	1.49	1.46	1.45	1.47	1.58	ppb
Tin	118-1	0.84	0.85	0.84	0.84	0.78	ppb
Titanium	47-1	1429.08	1440.81	1439.16	1436.35	0.44	ppb
Uranium	238-1	7.71	7.71	7.62	7.68	0.64	ppb
Vanadium	51-2	152.02	151.69	152.21	151.97	0.18	ppb
Yttrium	89-1				121		%
Yttrium	89-2				117		%
Zinc	66-2	372.80	373.97	374.62	373.80	0.25	ppb
Zirconium	90-1	38.19	38.29	38.08	38.19	0.28	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-01	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(105-107)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:05:55	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	37.78	38.18	38.12	38.03	0.56	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-02	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(125-127)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:09:31	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	149809.79	150324.13	150789.42	150307.78	0.33	ppb
Antimony	121-1	0.26	0.26	0.29	0.27	6.32	ppb
Arsenic	75-2	40.67	40.94	40.61	40.74	0.42	ppb
Barium	135-1	2108.77	2090.68	2123.61	2107.69	0.78	ppb
Barium	137-1	2129.47	2097.30	2137.48	2121.41	1.00	ppb
Beryllium	9-1	10.77	10.92	10.47	10.72	2.14	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	94.38	100.07	99.04	97.83	3.09	ppb
Boron	11-1	98.43	100.77	98.29	99.16	1.40	ppb
Cadmium	111-1	2.15	2.62	2.28	2.35	10.34	ppb
Cadmium	106-1	30.21	36.13	32.03	32.79	9.24	ppb
Cadmium	108-1	14.98	15.30	15.90	15.39	3.03	ppb
Calcium	43-1	140923.62	141686.71	141195.23	141268.52	0.27	ppb
Calcium	44-1	142082.51	142056.13	141782.77	141973.80	0.12	ppb
Chromium	52-2	231.45	227.88	229.59	229.64	0.78	ppb
Cobalt	59-2	129.84	128.90	129.29	129.35	0.37	ppb
Copper	63-2	294.91	293.27	292.59	293.59	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				100		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	295447.23	291377.82	293978.86	293601.30	0.70	ppb
Iron	57-2	294445.32	292164.95	292222.52	292944.26	0.44	ppb
Lead	206-1	153.66	154.14	154.26	154.02	0.21	ppb
Lead	207-1	139.14	139.98	140.16	139.76	0.39	ppb
Lead	208-1	147.04	147.30	147.71	147.35	0.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	104102.30	103607.76	104160.08	103956.71	0.29	ppb
Manganese	55-2	5891.94	5830.79	5888.48	5870.40	0.59	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-02	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(125-127)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:09:31	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	152.11	153.37	153.37	152.95	0.48	ppb
Molybdenum	95-1	1.93	1.93	1.87	1.91	1.91	ppb
Molybdenum	96-1	21.46	21.60	21.57	21.54	0.35	ppb
Molybdenum	97-1	1.96	1.80	1.96	1.91	4.82	ppb
Molybdenum	98-1	1.86	1.93	1.96	1.91	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	295.17	293.44	295.81	294.81	0.42	ppb
Phosphorus	31-2	4293.59	4256.53	4114.24	4221.46	2.24	ppb
Potassium	39-2	34698.36	34802.25	35104.59	34868.40	0.61	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	77-2	72.31	83.68	78.21	78.07	7.28	ppb
Selenium	78-2	14.15	11.69	11.44	12.43	12.05	ppb
Selenium	82-1	2.34	2.90	2.33	2.52	12.74	ppb
Silicon	28-1	3469.14	3480.27	3472.59	3474.00	0.16	ppb
Silver	109-1	0.39	0.40	0.34	0.38	9.15	ppb
Silver	107-1	0.52	0.58	0.53	0.54	6.08	ppb
Sodium	23-2	2368.72	2385.87	2385.63	2380.07	0.41	ppb
Strontium	86-1	407.38	405.97	408.18	407.18	0.27	ppb
Strontium	88-1	410.58	414.35	414.50	413.15	0.54	ppb
Sulfur	34-1	2766.61	2897.19	2607.60	2757.13	5.26	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	2.09	2.14	2.23	2.15	3.18	ppb
Thallium	205-1	2.13	2.24	2.14	2.17	2.78	ppb
Tin	118-1	0.78	0.76	0.82	0.79	3.51	ppb
Titanium	47-1	1840.93	1834.45	1849.16	1841.51	0.40	ppb
Uranium	238-1	10.07	9.92	10.22	10.07	1.50	ppb
Vanadium	51-2	250.06	248.46	249.30	249.28	0.32	ppb
Yttrium	89-1				132		%
Yttrium	89-2				129		%
Zinc	66-2	639.74	632.00	634.31	635.35	0.63	ppb
Zirconium	90-1	100.79	101.31	101.16	101.08	0.27	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-02	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(125-127)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:09:31	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	101.50	100.32	101.18	101.00	0.60	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-03	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:13:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79893.87	79688.21	79494.20	79692.09	0.25	ppb
Antimony	121-1	0.09	0.12	0.15	0.12	23.01	ppb
Arsenic	75-2	21.09	21.46	21.23	21.26	0.89	ppb
Barium	135-1	988.82	992.23	985.19	988.75	0.36	ppb
Barium	137-1	996.41	999.92	994.23	996.85	0.29	ppb
Beryllium	9-1	5.53	5.44	5.28	5.42	2.36	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	47.79	45.80	51.93	48.51	6.44	ppb
Boron	11-1	49.50	50.70	49.60	49.93	1.33	ppb
Cadmium	111-1	1.58	1.85	1.78	1.74	8.03	ppb
Cadmium	106-1	16.09	20.18	18.91	18.39	11.37	ppb
Cadmium	108-1	7.18	7.22	7.16	7.19	0.47	ppb
Calcium	43-1	220602.83	220470.29	221278.55	220783.89	0.20	ppb
Calcium	44-1	220443.46	221332.50	220738.70	220838.22	0.21	ppb
Chromium	52-2	145.57	144.76	144.66	145.00	0.34	ppb
Cobalt	59-2	82.03	81.54	81.44	81.67	0.39	ppb
Copper	63-2	201.06	202.82	203.00	202.29	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	169228.06	168896.37	168511.50	168878.64	0.21	ppb
Iron	57-2	169141.69	169858.10	169579.41	169526.40	0.21	ppb
Lead	206-1	89.95	88.82	88.96	89.24	0.69	ppb
Lead	207-1	81.10	81.28	81.37	81.25	0.17	ppb
Lead	208-1	85.66	85.23	85.39	85.43	0.26	ppb
Lithium	6-1				97		%
Magnesium	24-2	89106.53	88539.56	89235.53	88960.54	0.42	ppb
Manganese	55-2	4869.39	4867.76	4855.45	4864.20	0.16	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-03	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:13:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	73.41	73.87	73.62	73.63	0.31	ppb
Molybdenum	95-1	2.50	2.63	2.64	2.59	3.05	ppb
Molybdenum	96-1	11.93	12.20	11.82	11.98	1.64	ppb
Molybdenum	97-1	2.46	2.62	2.50	2.53	3.17	ppb
Molybdenum	98-1	2.58	2.61	2.69	2.63	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	189.13	188.42	188.79	188.78	0.19	ppb
Phosphorus	31-2	5748.33	5530.39	5417.08	5565.27	3.03	ppb
Potassium	39-2	21710.88	21674.80	21706.82	21697.50	0.09	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	49.75	59.21	53.17	54.04	8.86	ppb
Selenium	78-2	11.27	10.29	12.06	11.21	7.89	ppb
Selenium	82-1	2.62	2.58	2.20	2.47	9.27	ppb
Silicon	28-1	2293.04	2311.32	2332.79	2312.38	0.86	ppb
Silver	109-1	0.31	0.30	0.30	0.30	1.94	ppb
Silver	107-1	0.34	0.37	0.36	0.36	5.34	ppb
Sodium	23-2	2122.64	2073.81	2108.73	2101.73	1.20	ppb
Strontium	86-1	472.24	474.06	474.20	473.50	0.23	ppb
Strontium	88-1	477.13	482.85	483.74	481.24	0.74	ppb
Sulfur	34-1	12233.98	12312.91	12155.75	12234.21	0.64	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	1.49	1.38	1.38	1.41	4.38	ppb
Thallium	205-1	1.51	1.49	1.43	1.47	2.82	ppb
Tin	118-1	0.86	0.87	0.88	0.87	1.08	ppb
Titanium	47-1	1442.44	1461.50	1450.37	1451.44	0.66	ppb
Uranium	238-1	8.79	8.94	8.59	8.77	1.99	ppb
Vanadium	51-2	167.68	165.17	167.12	166.66	0.79	ppb
Yttrium	89-1				123		%
Yttrium	89-2				120		%
Zinc	66-2	405.47	397.88	403.15	402.17	0.97	ppb
Zirconium	90-1	47.36	47.54	47.65	47.51	0.31	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-03	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:13:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.13	47.12	48.26	47.50	1.37	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-04	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(145-147)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:16:42	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	172736.02	169289.41	170805.98	170943.80	1.01	ppb
Antimony	121-1	0.13	0.12	0.15	0.14	11.95	ppb
Arsenic	75-2	27.72	28.03	27.84	27.86	0.57	ppb
Barium	135-1	2126.13	2151.04	2141.53	2139.56	0.59	ppb
Barium	137-1	2163.20	2173.10	2175.99	2170.77	0.31	ppb
Beryllium	9-1	11.67	11.40	10.78	11.28	4.06	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	83.75	87.66	83.69	85.04	2.67	ppb
Boron	11-1	85.87	90.06	91.35	89.10	3.22	ppb
Cadmium	111-1	2.92	3.29	3.04	3.08	6.12	ppb
Cadmium	106-1	35.66	40.68	34.93	37.09	8.45	ppb
Cadmium	108-1	17.43	16.85	15.83	16.70	4.87	ppb
Calcium	43-1	154730.30	154887.71	154999.38	154872.47	0.09	ppb
Calcium	44-1	155307.58	155008.58	155446.78	155254.31	0.14	ppb
Chromium	52-2	294.75	291.83	293.65	293.41	0.50	ppb
Cobalt	59-2	146.67	147.12	147.90	147.23	0.42	ppb
Copper	63-2	303.22	302.20	302.75	302.72	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	331651.84	327569.23	328202.58	329141.22	0.67	ppb
Iron	57-2	332499.95	328997.17	332471.85	331322.99	0.61	ppb
Lead	206-1	174.16	173.42	174.67	174.08	0.36	ppb
Lead	207-1	158.51	157.17	158.25	157.98	0.45	ppb
Lead	208-1	166.59	166.00	167.06	166.55	0.32	ppb
Lithium	6-1				100		%
Magnesium	24-2	129243.99	128403.12	128477.57	128708.23	0.36	ppb
Manganese	55-2	6306.14	6225.79	6258.39	6263.44	0.65	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-04	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(145-147)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:16:42	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	162.84	165.26	163.29	163.80	0.78	ppb
Molybdenum	95-1	2.02	1.97	1.87	1.96	4.00	ppb
Molybdenum	96-1	22.82	23.23	23.02	23.02	0.89	ppb
Molybdenum	97-1	1.96	1.90	1.92	1.93	1.47	ppb
Molybdenum	98-1	1.84	1.86	1.87	1.85	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	335.71	335.17	336.92	335.93	0.27	ppb
Phosphorus	31-2	4081.35	4167.73	4115.88	4121.65	1.05	ppb
Potassium	39-2	44015.93	43766.10	44283.44	44021.82	0.59	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	77-2	90.81	84.20	82.70	85.90	5.02	ppb
Selenium	78-2	14.34	13.75	15.02	14.37	4.45	ppb
Selenium	82-1	2.64	3.31	3.25	3.06	12.14	ppb
Silicon	28-1	2627.94	2654.01	2616.77	2632.91	0.73	ppb
Silver	109-1	0.45	0.45	0.41	0.44	4.72	ppb
Silver	107-1	0.56	0.53	0.58	0.56	4.53	ppb
Sodium	23-2	2117.39	2093.79	2111.64	2107.61	0.58	ppb
Strontium	86-1	354.18	355.81	353.96	354.65	0.29	ppb
Strontium	88-1	363.03	363.37	360.83	362.41	0.38	ppb
Sulfur	34-1	821.11	680.71	624.66	708.83	14.28	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	2.58	2.68	2.73	2.67	2.92	ppb
Thallium	205-1	2.67	2.72	2.68	2.69	0.94	ppb
Tin	118-1	1.23	1.16	1.18	1.19	3.25	ppb
Titanium	47-1	3019.93	3016.71	3022.62	3019.75	0.10	ppb
Uranium	238-1	10.90	10.92	10.77	10.86	0.72	ppb
Vanadium	51-2	312.25	307.52	311.45	310.41	0.82	ppb
Yttrium	89-1				135		%
Yttrium	89-2				133		%
Zinc	66-2	760.64	760.07	754.44	758.38	0.45	ppb
Zirconium	90-1	107.24	107.88	107.99	107.70	0.37	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-04	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(145-147)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:16:42	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	108.91	107.81	106.71	107.81	1.02	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-05	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(65-67)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:20:18	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83051.69	77405.65	76984.94	79147.43	4.28	ppb
Antimony	121-1	0.06	0.08	0.07	0.07	17.50	ppb
Arsenic	75-2	14.56	13.97	13.44	13.99	3.98	ppb
Barium	135-1	1899.24	1895.15	1892.99	1895.79	0.17	ppb
Barium	137-1	1927.17	1925.14	1919.18	1923.83	0.22	ppb
Beryllium	9-1	7.00	7.52	7.03	7.18	4.08	ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Boron	10-1	56.03	58.89	58.06	57.66	2.55	ppb
Boron	11-1	59.80	59.77	60.08	59.88	0.29	ppb
Cadmium	111-1	1.21	1.03	1.11	1.12	7.94	ppb
Cadmium	106-1	13.79	10.53	11.86	12.06	13.59	ppb
Cadmium	108-1	5.06	4.74	4.86	4.88	3.31	ppb
Calcium	43-1	181254.55	179729.32	180769.89	180584.59	0.43	ppb
Calcium	44-1	181833.30	181248.85	181237.10	181439.75	0.19	ppb
Chromium	52-2	144.77	135.57	133.75	138.03	4.28	ppb
Cobalt	59-2	75.78	69.66	69.15	71.53	5.16	ppb
Copper	63-2	172.33	159.36	157.78	163.16	4.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	134270.46	123746.99	123268.07	127095.17	4.89	ppb
Iron	57-2	134312.89	124492.71	123051.99	127285.86	4.81	ppb
Lead	206-1	75.00	74.95	74.02	74.65	0.74	ppb
Lead	207-1	67.00	67.74	67.06	67.27	0.61	ppb
Lead	208-1	71.14	71.56	70.87	71.19	0.48	ppb
Lithium	6-1				97		%
Magnesium	24-2	91529.56	84483.86	84431.81	86815.08	4.70	ppb
Manganese	55-2	4834.19	4479.81	4465.01	4593.01	4.55	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-05	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(65-67)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:20:18	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	54.68	54.25	53.57	54.17	1.04	ppb
Molybdenum	95-1	1.09	1.13	1.17	1.13	3.32	ppb
Molybdenum	96-1	8.16	8.12	8.13	8.14	0.28	ppb
Molybdenum	97-1	1.11	1.19	1.18	1.16	3.51	ppb
Molybdenum	98-1	1.13	1.12	1.14	1.13	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	194.05	179.68	179.37	184.37	4.55	ppb
Phosphorus	31-2	5882.29	5552.74	5476.93	5637.32	3.82	ppb
Potassium	39-2	32043.94	29832.69	29471.84	30449.49	4.57	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	61.43	73.63	69.70	68.25	9.13	ppb
Selenium	78-2	11.52	12.88	11.60	12.00	6.38	ppb
Selenium	82-1	1.65	2.08	2.20	1.98	14.76	ppb
Silicon	28-1	2116.37	2118.25	2132.96	2122.53	0.43	ppb
Silver	109-1	0.15	0.19	0.17	0.17	11.57	ppb
Silver	107-1	0.25	0.20	0.20	0.22	11.18	ppb
Sodium	23-2	2707.45	2477.90	2503.69	2563.01	4.91	ppb
Strontium	86-1	340.57	343.56	340.19	341.44	0.54	ppb
Strontium	88-1	347.27	348.93	348.01	348.07	0.24	ppb
Sulfur	34-1	5004.44	5003.69	5097.77	5035.30	1.07	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	1.84	1.89	1.80	1.85	2.45	ppb
Thallium	205-1	1.80	1.87	1.80	1.82	2.22	ppb
Tin	118-1	0.64	0.66	0.61	0.64	4.04	ppb
Titanium	47-1	1587.38	1575.10	1574.39	1578.96	0.46	ppb
Uranium	238-1	10.01	10.11	9.98	10.03	0.67	ppb
Vanadium	51-2	183.24	167.82	167.59	172.88	5.19	ppb
Yttrium	89-1				122		%
Yttrium	89-2				117		%
Zinc	66-2	345.59	320.71	320.26	328.86	4.41	ppb
Zirconium	90-1	35.62	35.51	35.24	35.46	0.54	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-05	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(65-67)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:20:18	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	36.14	35.29	35.42	35.62	1.29	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-06	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(70-72)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:23:52	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78859.05	76598.71	76710.88	77389.55	1.65	ppb
Antimony	121-1	0.05	0.06	0.08	0.06	22.94	ppb
Arsenic	75-2	17.75	17.87	17.81	17.81	0.35	ppb
Barium	135-1	1345.01	1342.20	1335.02	1340.74	0.38	ppb
Barium	137-1	1353.19	1372.92	1358.39	1361.50	0.75	ppb
Beryllium	9-1	6.27	6.25	6.31	6.28	0.51	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	50.50	52.70	56.79	53.33	5.99	ppb
Boron	11-1	52.65	52.78	52.47	52.64	0.29	ppb
Cadmium	111-1	1.35	1.07	1.22	1.21	11.49	ppb
Cadmium	106-1	14.07	10.77	13.07	12.64	13.40	ppb
Cadmium	108-1	5.82	5.23	6.24	5.76	8.83	ppb
Calcium	43-1	197710.66	196588.07	194401.22	196233.32	0.86	ppb
Calcium	44-1	198293.64	196413.29	195557.08	196754.67	0.71	ppb
Chromium	52-2	138.42	134.71	135.62	136.25	1.42	ppb
Cobalt	59-2	74.22	72.60	72.63	73.15	1.27	ppb
Copper	63-2	181.09	176.09	177.33	178.17	1.46	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				98		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	145714.46	142358.51	142723.50	143598.83	1.28	ppb
Iron	57-2	146319.61	143050.59	143167.88	144179.36	1.29	ppb
Lead	206-1	81.11	80.35	80.16	80.54	0.63	ppb
Lead	207-1	73.02	72.77	71.18	72.32	1.38	ppb
Lead	208-1	76.94	76.41	75.81	76.38	0.74	ppb
Lithium	6-1				97		%
Magnesium	24-2	90218.37	87593.13	88139.57	88650.36	1.56	ppb
Manganese	55-2	4599.46	4449.18	4467.32	4505.32	1.82	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-06	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(70-72)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:23:52	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	63.15	62.88	61.86	62.63	1.09	ppb
Molybdenum	95-1	1.83	1.62	1.75	1.74	6.09	ppb
Molybdenum	96-1	9.68	9.79	9.66	9.71	0.71	ppb
Molybdenum	97-1	1.78	1.74	1.65	1.72	3.96	ppb
Molybdenum	98-1	1.79	1.82	1.69	1.76	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	176.49	173.16	173.90	174.51	1.00	ppb
Phosphorus	31-2	5326.18	5422.36	5241.19	5329.91	1.70	ppb
Potassium	39-2	27586.87	26961.12	27054.33	27200.77	1.24	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	61.42	46.01	58.11	55.18	14.71	ppb
Selenium	78-2	11.61	10.70	10.48	10.93	5.50	ppb
Selenium	82-1	1.87	2.03	1.63	1.84	11.06	ppb
Silicon	28-1	2164.22	2096.45	2084.83	2115.17	2.03	ppb
Silver	109-1	0.21	0.18	0.21	0.20	9.14	ppb
Silver	107-1	0.27	0.28	0.30	0.28	5.51	ppb
Sodium	23-2	2019.51	1973.82	1961.39	1984.91	1.54	ppb
Strontium	86-1	415.74	416.09	415.70	415.84	0.05	ppb
Strontium	88-1	423.68	423.55	424.04	423.76	0.06	ppb
Sulfur	34-1	8428.01	8373.67	7829.77	8210.48	4.03	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	1.72	1.68	1.72	1.71	1.40	ppb
Thallium	205-1	1.72	1.77	1.75	1.75	1.56	ppb
Tin	118-1	0.76	0.71	0.77	0.75	4.07	ppb
Titanium	47-1	1629.52	1601.79	1603.10	1611.47	0.97	ppb
Uranium	238-1	9.36	9.35	9.49	9.40	0.81	ppb
Vanadium	51-2	168.79	165.05	165.43	166.42	1.24	ppb
Yttrium	89-1				121		%
Yttrium	89-2				118		%
Zinc	66-2	359.82	348.45	349.71	352.66	1.77	ppb
Zirconium	90-1	40.83	40.57	40.27	40.56	0.69	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-06	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(70-72)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:23:52	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	41.05	40.98	40.56	40.86	0.64	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:27:27	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49667.18	49318.06	49359.37	49448.20	0.39	ppb
Antimony	121-1	490.43	493.81	491.77	492.01	0.35	ppb
Arsenic	75-2	499.07	497.37	502.26	499.57	0.50	ppb
Barium	135-1	2494.35	2512.95	2496.06	2501.12	0.41	ppb
Barium	137-1	2498.53	2521.33	2518.37	2512.74	0.49	ppb
Beryllium	9-1	515.26	515.54	513.50	514.77	0.21	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	507.31	520.21	512.91	513.48	1.26	ppb
Boron	11-1	511.23	516.61	514.63	514.16	0.53	ppb
Cadmium	111-1	476.89	481.97	477.55	478.80	0.58	ppb
Cadmium	106-1	487.24	496.83	480.06	488.04	1.72	ppb
Cadmium	108-1	488.74	495.68	489.03	491.15	0.80	ppb
Calcium	43-1	240336.66	242139.51	241831.40	241435.86	0.40	ppb
Calcium	44-1	241589.90	243057.62	242800.93	242482.82	0.32	ppb
Chromium	52-2	516.52	516.34	515.64	516.17	0.09	ppb
Cobalt	59-2	491.47	489.36	491.67	490.83	0.26	ppb
Copper	63-2	963.73	961.35	962.00	962.36	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	127113.39	127001.51	126928.34	127014.41	0.07	ppb
Iron	57-2	128021.71	127219.72	127722.52	127654.65	0.32	ppb
Lead	206-1	497.47	493.82	499.10	496.79	0.54	ppb
Lead	207-1	494.15	490.82	494.99	493.32	0.45	ppb
Lead	208-1	500.11	497.96	501.86	499.98	0.39	ppb
Lithium	6-1				102		%
Magnesium	24-2	249714.80	249766.08	249153.73	249544.87	0.14	ppb
Manganese	55-2	993.67	997.22	994.60	995.16	0.18	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:27:27	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2475.75	2484.58	2474.47	2478.27	0.22	ppb
Molybdenum	95-1	2484.48	2476.97	2480.05	2480.50	0.15	ppb
Molybdenum	96-1	2492.97	2488.71	2497.39	2493.02	0.17	ppb
Molybdenum	97-1	2497.16	2493.66	2498.53	2496.45	0.10	ppb
Molybdenum	98-1	2508.23	2503.56	2501.62	2504.47	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.76	498.34	497.97	499.69	0.53	ppb
Phosphorus	31-2	9983.35	9780.73	10045.08	9936.39	1.39	ppb
Potassium	39-2	125787.72	124968.49	125677.50	125477.91	0.35	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	481.09	503.21	513.68	499.32	3.33	ppb
Selenium	78-2	502.35	494.63	493.41	496.80	0.97	ppb
Selenium	82-1	476.08	474.24	477.65	475.99	0.36	ppb
Silicon	28-1	589.77	600.52	606.73	599.01	1.43	ppb
Silver	109-1	485.99	488.33	482.48	485.60	0.61	ppb
Silver	107-1	480.99	485.05	484.04	483.36	0.44	ppb
Sodium	23-2	252789.45	252309.39	252928.33	252675.72	0.13	ppb
Strontium	86-1	499.03	500.96	501.33	500.44	0.25	ppb
Strontium	88-1	506.98	512.00	512.98	510.65	0.63	ppb
Sulfur	34-1	9096.10	9039.69	8968.02	9034.60	0.71	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	503.11	504.37	508.64	505.38	0.57	ppb
Thallium	205-1	507.46	509.05	516.02	510.84	0.89	ppb
Tin	118-1	486.10	491.14	485.85	487.70	0.61	ppb
Titanium	47-1	2467.54	2461.96	2447.78	2459.09	0.41	ppb
Uranium	238-1	510.62	506.60	514.86	510.69	0.81	ppb
Vanadium	51-2	502.68	502.09	503.83	502.87	0.18	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	952.28	963.64	959.09	958.33	0.60	ppb
Zirconium	90-1	501.94	500.57	502.10	501.54	0.17	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:27:27	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.81	494.76	491.31	492.96	0.35	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:42:25	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	0.87	0.97	0.83	21.51	ppb
Antimony	121-1	0.06	0.05	0.10	0.07	37.64	ppb
Arsenic	75-2	-0.07	-0.05	-0.07	-0.06		ppb
Barium	135-1	0.01	0.01	-0.02	0.00		ppb
Barium	137-1	-0.03	-0.01	-0.03	-0.02		ppb
Beryllium	9-1	0.06	0.04	0.01	0.04	61.33	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	3.15	3.86	2.97	3.33	13.99	ppb
Boron	11-1	3.19	3.36	2.82	3.12	8.94	ppb
Cadmium	111-1	-0.18	-0.29	-0.20	-0.22		ppb
Cadmium	106-1	-2.31	-3.69	-2.51	-2.84		ppb
Cadmium	108-1	-0.06	-0.09	-0.09	-0.08		ppb
Calcium	43-1	-7.81	-7.39	-9.35	-8.18		ppb
Calcium	44-1	-14.37	-12.87	-13.22	-13.49		ppb
Chromium	52-2	-0.04	-0.02	-0.03	-0.03		ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	430.97	ppb
Copper	63-2	-0.14	-0.12	-0.13	-0.13		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	0.85	0.93	1.14	0.97	15.14	ppb
Iron	57-2	0.32	2.36	2.22	1.63	69.55	ppb
Lead	206-1	0.02	0.04	0.02	0.03	37.57	ppb
Lead	207-1	0.01	-0.01	0.01	0.01	231.75	ppb
Lead	208-1	0.02	0.02	0.02	0.02	8.14	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.81	0.48	-0.74	0.19	440.16	ppb
Manganese	55-2	-0.03	-0.05	-0.03	-0.04		ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:42:25	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	-0.04	-0.01		ppb
Molybdenum	95-1	-0.04	-0.03	-0.04	-0.03		ppb
Molybdenum	96-1	-0.01	0.02	-0.02	0.00		ppb
Molybdenum	97-1	0.00	-0.02	0.03	0.00	792.94	ppb
Molybdenum	98-1	-0.02	0.00	-0.03	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.11	-0.09	-0.10		ppb
Phosphorus	31-2	-6.02	-17.26	-11.60	-11.63		ppb
Potassium	39-2	6.16	10.87	2.62	6.55	63.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	-0.60	-0.60	-0.60	-0.60		ppb
Selenium	78-2	0.13	-1.08	-1.29	-0.74		ppb
Selenium	82-1	-0.53	-0.09	-0.01	-0.21		ppb
Silicon	28-1	-11.21	-11.51	-10.87	-11.20		ppb
Silver	109-1	0.01	0.00	0.00	0.00	346.27	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	14.14	9.24	11.21	11.53	21.39	ppb
Strontium	86-1	-0.09	-0.12	-0.15	-0.12		ppb
Strontium	88-1	-0.07	-0.07	-0.07	-0.07		ppb
Sulfur	34-1	-900.65	-709.14	-576.25	-728.68		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	20.85	ppb
Tin	118-1	0.02	0.01	0.01	0.02	34.59	ppb
Titanium	47-1	0.01	0.00	0.01	0.00	106.43	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	245.02	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	-0.12	-0.12	-0.32	-0.19		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:42:25	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.00	0.01	0.00	4725.15	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-07	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:45:58	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101261.15	101518.26	100680.01	101153.14	0.42	ppb
Antimony	121-1	0.15	0.19	0.17	0.17	10.75	ppb
Arsenic	75-2	29.90	29.94	29.96	29.93	0.11	ppb
Barium	135-1	489.99	483.97	486.75	486.91	0.62	ppb
Barium	137-1	490.86	489.17	490.44	490.16	0.18	ppb
Beryllium	9-1	4.73	4.73	4.76	4.74	0.43	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	22.53	22.15	21.27	21.98	2.95	ppb
Boron	11-1	20.81	20.29	20.67	20.59	1.32	ppb
Cadmium	111-1	1.01	0.88	1.19	1.03	15.15	ppb
Cadmium	106-1	13.43	10.80	13.90	12.71	13.13	ppb
Cadmium	108-1	6.93	6.32	6.21	6.49	5.92	ppb
Calcium	43-1	22455.62	22637.23	22736.25	22609.70	0.63	ppb
Calcium	44-1	22981.17	23072.17	23223.57	23092.31	0.53	ppb
Chromium	52-2	177.06	177.08	173.16	175.77	1.28	ppb
Cobalt	59-2	73.88	74.56	73.97	74.14	0.50	ppb
Copper	63-2	163.48	163.27	162.59	163.11	0.28	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				96		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	180778.52	181352.61	179921.82	180684.31	0.40	ppb
Iron	57-2	181892.33	181757.95	180971.38	181540.55	0.27	ppb
Lead	206-1	156.29	156.99	156.29	156.53	0.26	ppb
Lead	207-1	139.23	141.24	139.76	140.08	0.75	ppb
Lead	208-1	147.72	149.19	148.13	148.35	0.51	ppb
Lithium	6-1				98		%
Magnesium	24-2	32206.50	32264.12	32178.96	32216.53	0.13	ppb
Manganese	55-2	3188.66	3197.71	3171.60	3185.99	0.42	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-07	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:45:58	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	75.63	75.17	76.26	75.68	0.72	ppb
Molybdenum	95-1	4.46	4.28	4.19	4.31	3.21	ppb
Molybdenum	96-1	14.06	13.82	14.01	13.96	0.92	ppb
Molybdenum	97-1	4.33	4.34	4.34	4.34	0.14	ppb
Molybdenum	98-1	4.52	4.27	4.43	4.41	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	160.00	160.54	157.80	159.45	0.91	ppb
Phosphorus	31-2	8324.07	8173.96	8085.50	8194.51	1.47	ppb
Potassium	39-2	8542.46	8596.60	8469.37	8536.14	0.75	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	55.15	45.22	49.05	49.81	10.06	ppb
Selenium	78-2	11.30	9.38	9.15	9.94	11.86	ppb
Selenium	82-1	2.24	2.88	2.55	2.56	12.47	ppb
Silicon	28-1	1965.25	1967.38	1969.17	1967.27	0.10	ppb
Silver	109-1	0.26	0.23	0.25	0.25	5.21	ppb
Silver	107-1	0.29	0.30	0.31	0.30	2.60	ppb
Sodium	23-2	6968.27	6944.11	6948.96	6953.78	0.18	ppb
Strontium	86-1	166.84	166.88	167.24	166.99	0.13	ppb
Strontium	88-1	168.02	168.72	168.67	168.47	0.23	ppb
Sulfur	34-1	-2674.66	-3015.74	-3306.42	-2998.94		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.81	0.91	0.84	0.85	6.07	ppb
Thallium	205-1	0.86	0.87	0.82	0.85	2.87	ppb
Tin	118-1	2.75	2.79	2.65	2.73	2.69	ppb
Titanium	47-1	1078.66	1082.61	1080.61	1080.62	0.18	ppb
Uranium	238-1	5.68	5.67	5.70	5.68	0.27	ppb
Vanadium	51-2	182.46	183.77	181.40	182.54	0.65	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	384.47	388.19	386.35	386.33	0.48	ppb
Zirconium	90-1	47.71	47.82	47.87	47.80	0.17	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-07	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:45:58	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.64	48.38	47.93	48.32	0.74	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-08	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:49:32	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73035.00	72985.41	73194.58	73071.66	0.15	ppb
Antimony	121-1	0.09	0.10	0.11	0.10	9.40	ppb
Arsenic	75-2	15.25	15.15	14.76	15.05	1.72	ppb
Barium	135-1	244.32	245.09	242.36	243.92	0.58	ppb
Barium	137-1	242.94	244.33	243.72	243.66	0.29	ppb
Beryllium	9-1	2.69	3.02	3.03	2.91	6.57	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	14.53	14.56	15.59	14.89	4.07	ppb
Boron	11-1	15.35	15.64	15.42	15.47	0.97	ppb
Cadmium	111-1	0.76	0.63	0.70	0.70	9.13	ppb
Cadmium	106-1	6.68	5.19	6.16	6.01	12.61	ppb
Cadmium	108-1	3.94	4.02	3.44	3.80	8.28	ppb
Calcium	43-1	12703.51	12645.39	12632.44	12660.45	0.30	ppb
Calcium	44-1	12933.38	12875.26	12818.90	12875.85	0.44	ppb
Chromium	52-2	109.02	108.09	109.12	108.74	0.52	ppb
Cobalt	59-2	56.04	55.96	56.42	56.14	0.45	ppb
Copper	63-2	108.99	109.88	109.95	109.61	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	106832.08	107316.31	107472.73	107207.04	0.31	ppb
Iron	57-2	105943.37	107349.73	107795.98	107029.69	0.90	ppb
Lead	206-1	56.98	57.36	56.90	57.08	0.43	ppb
Lead	207-1	51.54	51.63	50.63	51.27	1.08	ppb
Lead	208-1	54.23	54.11	53.93	54.09	0.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	25942.57	25822.29	26024.89	25929.92	0.39	ppb
Manganese	55-2	2893.01	2917.21	2914.43	2908.22	0.46	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-08	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:49:32	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	43.11	43.41	42.40	42.97	1.21	ppb
Molybdenum	95-1	0.82	0.85	0.82	0.83	1.83	ppb
Molybdenum	96-1	6.50	6.54	6.73	6.59	1.81	ppb
Molybdenum	97-1	0.85	0.95	0.79	0.86	9.47	ppb
Molybdenum	98-1	0.78	0.76	0.84	0.79	5.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.90	131.22	131.16	130.76	0.57	ppb
Phosphorus	31-2	5476.38	5471.66	5421.34	5456.46	0.56	ppb
Potassium	39-2	5827.80	5844.59	5942.88	5871.76	1.06	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	53.47	47.87	41.19	47.51	12.94	ppb
Selenium	78-2	9.10	8.48	6.28	7.95	18.64	ppb
Selenium	82-1	1.09	1.04	1.76	1.29	31.06	ppb
Silicon	28-1	1828.42	1813.41	1822.95	1821.60	0.42	ppb
Silver	109-1	0.19	0.18	0.19	0.19	4.21	ppb
Silver	107-1	0.19	0.22	0.21	0.21	6.83	ppb
Sodium	23-2	4010.44	4012.48	4089.06	4037.33	1.11	ppb
Strontium	86-1	66.19	65.15	65.10	65.48	0.94	ppb
Strontium	88-1	64.75	65.25	65.44	65.15	0.55	ppb
Sulfur	34-1	-4062.08	-4135.18	-4335.07	-4177.45		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.52	0.57	0.58	0.56	5.72	ppb
Thallium	205-1	0.53	0.54	0.54	0.54	1.21	ppb
Tin	118-1	1.24	1.32	1.29	1.28	2.95	ppb
Titanium	47-1	1596.90	1589.10	1589.93	1591.97	0.27	ppb
Uranium	238-1	4.16	4.05	4.08	4.10	1.44	ppb
Vanadium	51-2	114.53	115.35	115.83	115.24	0.57	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	292.20	290.30	297.14	293.21	1.20	ppb
Zirconium	90-1	28.49	28.34	28.28	28.37	0.38	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-08	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:49:32	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	28.29	27.46	28.08	27.95	1.54	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-01	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:53:07	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70456.27	70123.66	69779.24	70119.72	0.48	ppb
Antimony	121-1	0.14	0.16	0.13	0.14	8.37	ppb
Arsenic	75-2	13.93	13.91	13.28	13.71	2.68	ppb
Barium	135-1	377.95	375.17	375.03	376.05	0.44	ppb
Barium	137-1	380.39	381.73	376.69	379.60	0.69	ppb
Beryllium	9-1	3.93	3.79	3.57	3.76	4.75	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	19.62	21.44	20.16	20.41	4.59	ppb
Boron	11-1	20.39	19.22	20.26	19.96	3.22	ppb
Cadmium	111-1	1.03	0.94	0.90	0.95	6.94	ppb
Cadmium	106-1	8.40	6.81	6.90	7.37	12.12	ppb
Cadmium	108-1	4.10	4.29	4.82	4.40	8.47	ppb
Calcium	43-1	32705.01	32453.42	32310.09	32489.51	0.62	ppb
Calcium	44-1	33103.50	33175.32	32964.36	33081.06	0.32	ppb
Chromium	52-2	125.20	124.48	123.78	124.48	0.57	ppb
Cobalt	59-2	58.49	58.25	58.95	58.56	0.60	ppb
Copper	63-2	159.53	160.77	161.08	160.46	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	99793.96	99732.10	99711.70	99745.92	0.04	ppb
Iron	57-2	100288.48	99623.45	99865.50	99925.81	0.34	ppb
Lead	206-1	72.85	72.44	72.29	72.53	0.40	ppb
Lead	207-1	66.17	65.67	64.72	65.52	1.13	ppb
Lead	208-1	69.56	69.15	68.60	69.10	0.70	ppb
Lithium	6-1				97		%
Magnesium	24-2	28295.35	28242.75	28255.83	28264.64	0.10	ppb
Manganese	55-2	3522.40	3531.04	3517.30	3523.58	0.20	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-01	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:53:07	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	44.16	43.98	44.19	44.11	0.26	ppb
Molybdenum	95-1	1.32	1.23	1.29	1.28	3.33	ppb
Molybdenum	96-1	7.06	6.90	6.83	6.93	1.75	ppb
Molybdenum	97-1	1.30	1.28	1.30	1.29	1.08	ppb
Molybdenum	98-1	1.33	1.23	1.36	1.30	5.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	161.45	160.69	162.31	161.49	0.50	ppb
Phosphorus	31-2	2864.38	2795.98	2770.16	2810.17	1.73	ppb
Potassium	39-2	7386.79	7324.28	7339.27	7350.12	0.44	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	46.35	45.38	49.69	47.14	4.79	ppb
Selenium	78-2	8.17	8.21	7.44	7.94	5.49	ppb
Selenium	82-1	1.62	1.19	1.45	1.42	15.28	ppb
Silicon	28-1	6933.44	6851.52	6903.85	6896.27	0.60	ppb
Silver	109-1	0.20	0.20	0.20	0.20	1.85	ppb
Silver	107-1	0.26	0.23	0.22	0.23	10.28	ppb
Sodium	23-2	5046.43	5015.53	5031.91	5031.29	0.31	ppb
Strontium	86-1	164.01	167.30	165.72	165.68	0.99	ppb
Strontium	88-1	167.95	167.35	167.22	167.51	0.23	ppb
Sulfur	34-1	-3904.42	-4233.12	-3956.49	-4031.34		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.62	0.59	0.63	0.61	3.31	ppb
Thallium	205-1	0.60	0.63	0.62	0.62	3.09	ppb
Tin	118-1	1.24	1.28	1.26	1.26	1.65	ppb
Titanium	47-1	1757.10	1739.43	1746.30	1747.61	0.51	ppb
Uranium	238-1	4.79	4.79	4.77	4.78	0.19	ppb
Vanadium	51-2	135.34	133.89	134.39	134.54	0.55	ppb
Yttrium	89-1				114		%
Yttrium	89-2				113		%
Zinc	66-2	243.57	244.26	245.33	244.38	0.36	ppb
Zirconium	90-1	28.30	28.41	28.46	28.39	0.29	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-01	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:53:07	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	28.29	28.64	28.32	28.42	0.69	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:56:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80635.31	79654.90	79622.64	79970.95	0.72	ppb
Antimony	121-1	0.07	0.09	0.08	0.08	13.53	ppb
Arsenic	75-2	21.60	21.36	22.30	21.76	2.23	ppb
Barium	135-1	213.96	222.05	213.07	216.36	2.29	ppb
Barium	137-1	215.66	222.55	214.03	217.41	2.08	ppb
Beryllium	9-1	3.68	3.85	3.60	3.71	3.48	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	19.22	20.16	17.88	19.09	5.99	ppb
Boron	11-1	17.87	19.55	18.50	18.64	4.55	ppb
Cadmium	111-1	0.55	0.64	0.69	0.62	11.02	ppb
Cadmium	106-1	4.69	6.57	6.59	5.95	18.32	ppb
Cadmium	108-1	4.15	4.92	3.86	4.31	12.70	ppb
Calcium	43-1	6181.21	6417.60	6152.74	6250.52	2.33	ppb
Calcium	44-1	6209.37	6425.36	6226.04	6286.92	1.91	ppb
Chromium	52-2	112.17	111.24	111.00	111.47	0.55	ppb
Cobalt	59-2	66.41	65.35	66.00	65.92	0.81	ppb
Copper	63-2	84.42	82.74	83.84	83.66	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	115386.66	112891.00	113076.47	113784.71	1.22	ppb
Iron	57-2	115040.87	113462.46	113711.17	114071.50	0.74	ppb
Lead	206-1	70.47	73.33	71.02	71.60	2.12	ppb
Lead	207-1	62.89	65.85	63.18	63.97	2.55	ppb
Lead	208-1	66.56	69.67	66.81	67.68	2.55	ppb
Lithium	6-1				94		%
Magnesium	24-2	20662.74	20405.20	20370.55	20479.50	0.78	ppb
Manganese	55-2	2847.49	2790.25	2790.94	2809.56	1.17	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:56:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	57.82	59.81	57.28	58.30	2.29	ppb
Molybdenum	95-1	2.02	2.08	1.94	2.01	3.36	ppb
Molybdenum	96-1	9.54	9.69	9.18	9.47	2.76	ppb
Molybdenum	97-1	1.88	2.03	2.16	2.02	6.98	ppb
Molybdenum	98-1	1.94	2.04	2.03	2.00	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.46	125.27	124.71	125.48	0.71	ppb
Phosphorus	31-2	3711.80	3621.95	3498.93	3610.90	2.96	ppb
Potassium	39-2	6009.21	5866.31	5881.19	5918.90	1.33	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	32.50	32.41	34.57	33.16	3.68	ppb
Selenium	78-2	6.44	5.54	5.87	5.95	7.60	ppb
Selenium	82-1	1.79	0.73	1.29	1.27	41.68	ppb
Silicon	28-1	2365.05	2461.09	2391.25	2405.80	2.06	ppb
Silver	109-1	0.10	0.11	0.09	0.10	11.30	ppb
Silver	107-1	0.12	0.15	0.12	0.13	13.69	ppb
Sodium	23-2	3629.94	3545.57	3575.83	3583.78	1.19	ppb
Strontium	86-1	104.13	107.16	104.79	105.36	1.51	ppb
Strontium	88-1	104.29	108.42	103.91	105.54	2.37	ppb
Sulfur	34-1	-5076.10	-4699.02	-4892.29	-4889.14		ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.67	0.66	0.64	0.65	2.53	ppb
Thallium	205-1	0.66	0.70	0.64	0.67	4.00	ppb
Tin	118-1	0.93	0.97	0.88	0.93	4.94	ppb
Titanium	47-1	1356.80	1412.31	1362.60	1377.24	2.22	ppb
Uranium	238-1	4.33	4.51	4.37	4.40	2.12	ppb
Vanadium	51-2	132.20	130.36	129.06	130.54	1.21	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	194.01	190.42	195.18	193.20	1.28	ppb
Zirconium	90-1	37.13	39.15	37.13	37.80	3.08	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:56:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	37.13	38.62	37.17	37.64	2.27	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DUP	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:00:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81234.79	81565.58	80224.39	81008.26	0.86	ppb
Antimony	121-1	0.08	0.09	0.06	0.08	17.14	ppb
Arsenic	75-2	22.20	21.52	21.71	21.81	1.61	ppb
Barium	135-1	211.40	214.23	211.96	212.53	0.70	ppb
Barium	137-1	212.66	215.15	215.48	214.43	0.72	ppb
Beryllium	9-1	3.59	3.74	3.79	3.71	2.81	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	17.45	19.72	17.54	18.23	7.04	ppb
Boron	11-1	17.86	18.77	17.46	18.03	3.71	ppb
Cadmium	111-1	0.55	0.72	0.56	0.61	15.00	ppb
Cadmium	106-1	5.01	7.45	5.12	5.86	23.53	ppb
Cadmium	108-1	3.63	4.95	4.24	4.27	15.40	ppb
Calcium	43-1	6141.20	6241.56	6212.55	6198.44	0.83	ppb
Calcium	44-1	6192.00	6218.65	6163.61	6191.42	0.44	ppb
Chromium	52-2	111.84	112.62	112.21	112.22	0.35	ppb
Cobalt	59-2	66.82	66.85	66.47	66.71	0.32	ppb
Copper	63-2	84.10	84.40	84.96	84.49	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	116039.01	115976.69	114960.50	115658.73	0.52	ppb
Iron	57-2	115148.94	115891.42	114823.31	115287.89	0.47	ppb
Lead	206-1	72.06	71.08	71.66	71.60	0.69	ppb
Lead	207-1	64.21	63.16	63.15	63.50	0.96	ppb
Lead	208-1	67.79	67.26	67.42	67.49	0.40	ppb
Lithium	6-1				96		%
Magnesium	24-2	20542.31	20780.17	20562.61	20628.36	0.64	ppb
Manganese	55-2	2823.05	2820.89	2812.72	2818.89	0.19	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DUP	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:00:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	57.89	56.58	57.35	57.27	1.15	ppb
Molybdenum	95-1	2.09	1.99	1.95	2.01	3.55	ppb
Molybdenum	96-1	9.32	9.17	9.04	9.18	1.55	ppb
Molybdenum	97-1	1.97	1.91	1.96	1.95	1.84	ppb
Molybdenum	98-1	2.03	1.99	1.96	1.99	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.71	125.79	125.74	126.08	0.44	ppb
Phosphorus	31-2	3602.75	3552.97	3493.78	3549.84	1.54	ppb
Potassium	39-2	5997.77	6032.24	6022.53	6017.51	0.30	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	32.91	39.46	31.14	34.50	12.71	ppb
Selenium	78-2	4.98	7.01	5.43	5.81	18.32	ppb
Selenium	82-1	0.78	1.52	1.37	1.22	31.93	ppb
Silicon	28-1	2916.25	2919.37	2949.33	2928.32	0.62	ppb
Silver	109-1	0.09	0.09	0.10	0.09	8.94	ppb
Silver	107-1	0.11	0.09	0.11	0.10	14.71	ppb
Sodium	23-2	3589.91	3626.80	3624.13	3613.61	0.57	ppb
Strontium	86-1	104.36	102.45	102.63	103.15	1.02	ppb
Strontium	88-1	104.20	103.84	103.61	103.88	0.28	ppb
Sulfur	34-1	-5128.82	-4842.80	-4755.19	-4908.93		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.63	0.65	0.66	0.65	2.20	ppb
Thallium	205-1	0.63	0.64	0.68	0.65	3.98	ppb
Tin	118-1	0.96	0.94	0.96	0.95	1.16	ppb
Titanium	47-1	1386.91	1387.25	1382.62	1385.59	0.19	ppb
Uranium	238-1	4.31	4.32	4.37	4.33	0.69	ppb
Vanadium	51-2	132.23	132.76	131.59	132.20	0.44	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	199.35	199.15	199.59	199.37	0.11	ppb
Zirconium	90-1	37.19	37.22	36.97	37.12	0.37	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DUP	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:00:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	37.20	37.26	37.14	37.20	0.15	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02LX5	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-22 15:03:54	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15835.56	15683.29	15869.89	15796.24	0.63	ppb
Antimony	121-1	0.02	0.03	0.02	0.03	27.68	ppb
Arsenic	75-2	4.43	4.27	4.37	4.36	1.82	ppb
Barium	135-1	40.80	40.00	41.23	40.68	1.53	ppb
Barium	137-1	40.30	41.64	40.25	40.73	1.94	ppb
Beryllium	9-1	0.65	0.63	0.69	0.66	4.76	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	5.77	3.95	3.87	4.53	23.78	ppb
Boron	11-1	3.98	4.00	4.28	4.09	4.06	ppb
Cadmium	111-1	-0.05	-0.09	-0.19	-0.11		ppb
Cadmium	106-1	-1.33	-1.24	-2.79	-1.79		ppb
Cadmium	108-1	0.64	0.86	0.95	0.82	19.90	ppb
Calcium	43-1	1213.84	1219.21	1207.70	1213.59	0.47	ppb
Calcium	44-1	1222.87	1232.49	1222.47	1225.95	0.46	ppb
Chromium	52-2	22.47	22.25	22.12	22.28	0.79	ppb
Cobalt	59-2	13.49	13.38	13.22	13.36	1.02	ppb
Copper	63-2	16.78	16.90	17.24	16.97	1.40	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				101		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	22960.54	22966.67	23137.92	23021.71	0.44	ppb
Iron	57-2	22331.93	22487.13	22626.84	22481.97	0.66	ppb
Lead	206-1	13.13	13.32	13.39	13.28	1.02	ppb
Lead	207-1	11.71	11.84	11.92	11.83	0.88	ppb
Lead	208-1	12.45	12.57	12.54	12.52	0.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	4061.01	4025.89	4025.86	4037.58	0.50	ppb
Manganese	55-2	552.66	556.33	560.22	556.40	0.68	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02LX5	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-22 15:03:54	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	11.52	11.77	11.51	11.60	1.31	ppb
Molybdenum	95-1	0.40	0.33	0.35	0.36	10.05	ppb
Molybdenum	96-1	1.93	1.95	1.91	1.93	1.03	ppb
Molybdenum	97-1	0.35	0.42	0.39	0.39	8.43	ppb
Molybdenum	98-1	0.38	0.38	0.35	0.37	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.47	25.12	25.12	25.24	0.81	ppb
Phosphorus	31-2	716.71	742.90	714.32	724.64	2.19	ppb
Potassium	39-2	1159.47	1166.73	1192.47	1172.89	1.48	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	7.84	6.01	2.40	5.42	51.08	ppb
Selenium	78-2	1.65	-0.33	1.81	1.04	114.31	ppb
Selenium	82-1	0.17	-0.01	0.76	0.31	130.47	ppb
Silicon	28-1	609.32	616.57	619.33	615.07	0.84	ppb
Silver	109-1	0.02	0.01	0.02	0.01	19.60	ppb
Silver	107-1	0.01	0.05	0.03	0.03	64.21	ppb
Sodium	23-2	707.99	711.73	710.93	710.22	0.28	ppb
Strontium	86-1	20.73	20.85	20.67	20.75	0.42	ppb
Strontium	88-1	21.13	20.86	21.01	21.00	0.66	ppb
Sulfur	34-1	-4965.68	-4961.49	-5214.93	-5047.37		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.12	0.10	0.10	0.10	12.29	ppb
Thallium	205-1	0.11	0.11	0.12	0.11	6.23	ppb
Tin	118-1	0.17	0.20	0.17	0.18	7.60	ppb
Titanium	47-1	268.71	270.59	267.39	268.90	0.60	ppb
Uranium	238-1	0.80	0.79	0.82	0.80	2.15	ppb
Vanadium	51-2	26.00	25.66	25.83	25.83	0.66	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	40.08	39.30	39.63	39.67	0.98	ppb
Zirconium	90-1	7.54	7.59	7.53	7.55	0.38	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02LX5	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-22 15:03:54	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	7.36	7.47	7.45	7.43	0.80	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MS	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:07:28	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90381.24	90581.20	89692.35	90218.26	0.52	ppb
Antimony	121-1	141.81	142.95	140.30	141.69	0.94	ppb
Arsenic	75-2	449.90	452.11	450.06	450.69	0.27	ppb
Barium	135-1	2676.09	2658.25	2637.24	2657.20	0.73	ppb
Barium	137-1	2698.80	2695.68	2657.39	2683.95	0.86	ppb
Beryllium	9-1	486.87	493.04	486.63	488.85	0.74	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	488.68	500.55	500.07	496.43	1.35	ppb
Boron	11-1	495.17	506.79	506.71	502.89	1.33	ppb
Cadmium	111-1	465.12	468.68	460.20	464.66	0.92	ppb
Cadmium	106-1	472.45	492.51	470.72	478.56	2.53	ppb
Cadmium	108-1	476.35	483.12	470.32	476.60	1.34	ppb
Calcium	43-1	51577.53	52016.04	51856.67	51816.75	0.43	ppb
Calcium	44-1	52305.77	52867.56	52712.54	52628.63	0.55	ppb
Chromium	52-2	558.04	564.34	557.79	560.06	0.66	ppb
Cobalt	59-2	505.55	509.73	503.84	506.37	0.60	ppb
Copper	63-2	984.39	999.11	989.98	991.16	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	129530.67	129751.74	128548.55	129276.99	0.50	ppb
Iron	57-2	129424.80	130109.68	129482.30	129672.26	0.29	ppb
Lead	206-1	542.95	542.50	545.04	543.50	0.25	ppb
Lead	207-1	516.12	516.62	516.22	516.32	0.05	ppb
Lead	208-1	538.03	539.05	537.49	538.19	0.15	ppb
Lithium	6-1				94		%
Magnesium	24-2	68720.18	68846.74	67784.20	68450.37	0.85	ppb
Manganese	55-2	3321.51	3346.79	3331.51	3333.27	0.38	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MS	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:07:28	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2208.06	2243.72	2214.86	2222.21	0.85	ppb
Molybdenum	95-1	2140.91	2162.61	2142.19	2148.57	0.57	ppb
Molybdenum	96-1	2165.73	2179.39	2174.21	2173.11	0.32	ppb
Molybdenum	97-1	2135.14	2132.87	2129.27	2132.43	0.14	ppb
Molybdenum	98-1	2169.87	2165.22	2152.38	2162.49	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	565.19	572.37	564.38	567.31	0.77	ppb
Phosphorus	31-2	3483.24	3554.28	3269.37	3435.63	4.32	ppb
Potassium	39-2	30256.75	30446.03	30011.41	30238.06	0.72	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	468.68	448.17	484.19	467.01	3.87	ppb
Selenium	78-2	433.00	434.64	435.37	434.33	0.28	ppb
Selenium	82-1	408.95	417.11	410.43	412.16	1.06	ppb
Silicon	28-1	3493.08	3481.83	3497.13	3490.68	0.23	ppb
Silver	109-1	410.82	414.34	406.80	410.65	0.92	ppb
Silver	107-1	409.28	411.08	408.12	409.50	0.36	ppb
Sodium	23-2	50800.73	50751.36	50290.58	50614.22	0.56	ppb
Strontium	86-1	542.49	548.33	545.33	545.38	0.54	ppb
Strontium	88-1	555.59	558.80	550.21	554.87	0.78	ppb
Sulfur	34-1	-3947.90	-3983.89	-3679.56	-3870.45		ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	483.92	486.39	485.50	485.27	0.26	ppb
Thallium	205-1	490.95	491.36	491.87	491.40	0.09	ppb
Tin	118-1	322.92	319.43	316.03	319.46	1.08	ppb
Titanium	47-1	4087.58	4108.25	4094.32	4096.72	0.26	ppb
Uranium	238-1	489.04	484.47	486.75	486.75	0.47	ppb
Vanadium	51-2	584.47	588.59	585.42	586.16	0.37	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	1077.05	1087.81	1084.28	1083.05	0.51	ppb
Zirconium	90-1	480.48	486.24	478.03	481.58	0.88	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MS	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:07:28	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	470.92	477.03	467.18	471.71	1.05	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSD	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:11:04	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100942.63	100664.87	101546.74	101051.41	0.45	ppb
Antimony	121-1	142.01	142.80	142.73	142.51	0.31	ppb
Arsenic	75-2	451.39	448.34	450.48	450.07	0.35	ppb
Barium	135-1	2693.01	2692.97	2720.93	2702.30	0.60	ppb
Barium	137-1	2716.08	2725.68	2738.35	2726.70	0.41	ppb
Beryllium	9-1	493.70	496.58	495.84	495.37	0.30	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Boron	10-1	502.68	519.38	526.59	516.22	2.38	ppb
Boron	11-1	512.00	523.18	524.67	519.95	1.33	ppb
Cadmium	111-1	475.78	475.91	474.30	475.33	0.19	ppb
Cadmium	106-1	489.71	494.25	488.77	490.91	0.60	ppb
Cadmium	108-1	480.77	481.41	489.64	483.94	1.02	ppb
Calcium	43-1	51839.68	52452.94	53048.33	52446.98	1.15	ppb
Calcium	44-1	53294.68	53254.18	53734.56	53427.80	0.50	ppb
Chromium	52-2	583.98	587.82	589.91	587.24	0.51	ppb
Cobalt	59-2	514.72	520.39	521.25	518.79	0.68	ppb
Copper	63-2	1002.58	1009.24	1010.63	1007.48	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				94		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	142583.36	142174.45	143058.26	142605.36	0.31	ppb
Iron	57-2	142464.45	142781.62	143656.46	142967.51	0.43	ppb
Lead	206-1	562.69	562.03	566.17	563.63	0.39	ppb
Lead	207-1	533.58	532.96	536.83	534.46	0.39	ppb
Lead	208-1	556.82	556.01	560.75	557.86	0.45	ppb
Lithium	6-1				93		%
Magnesium	24-2	72697.29	72392.18	72843.18	72644.22	0.32	ppb
Manganese	55-2	3158.37	3178.99	3186.90	3174.75	0.46	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSD	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:11:04	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2244.15	2245.55	2244.20	2244.63	0.04	ppb
Molybdenum	95-1	2156.81	2162.64	2141.25	2153.57	0.51	ppb
Molybdenum	96-1	2176.84	2167.23	2170.74	2171.61	0.22	ppb
Molybdenum	97-1	2110.94	2117.30	2125.26	2117.83	0.34	ppb
Molybdenum	98-1	2149.72	2155.17	2157.11	2154.00	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	582.49	586.63	591.36	586.83	0.76	ppb
Phosphorus	31-2	3521.63	3532.03	3585.66	3546.44	0.97	ppb
Potassium	39-2	30977.88	31332.21	31368.03	31226.04	0.69	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	483.16	466.23	478.28	475.89	1.83	ppb
Selenium	78-2	438.60	428.15	427.07	431.27	1.48	ppb
Selenium	82-1	413.24	417.29	415.73	415.42	0.49	ppb
Silicon	28-1	4880.23	4903.42	4905.97	4896.54	0.29	ppb
Silver	109-1	426.02	424.94	426.69	425.88	0.21	ppb
Silver	107-1	419.60	421.37	422.10	421.02	0.31	ppb
Sodium	23-2	52190.17	52087.83	52429.74	52235.91	0.34	ppb
Strontium	86-1	560.56	553.82	555.84	556.74	0.62	ppb
Strontium	88-1	567.46	564.18	567.51	566.38	0.34	ppb
Sulfur	34-1	-3872.38	-3747.70	-3753.48	-3791.19		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	496.57	492.32	493.39	494.10	0.45	ppb
Thallium	205-1	504.22	502.07	501.59	502.63	0.28	ppb
Tin	118-1	313.43	310.64	316.51	313.52	0.94	ppb
Titanium	47-1	4504.50	4500.13	4513.14	4505.92	0.15	ppb
Uranium	238-1	499.19	497.74	503.55	500.16	0.60	ppb
Vanadium	51-2	612.52	617.31	618.46	616.10	0.51	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	1109.57	1110.32	1121.82	1113.91	0.62	ppb
Zirconium	90-1	491.79	493.38	488.37	491.18	0.52	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSD	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:11:04	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.52	482.44	479.61	481.52	0.34	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02A	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:14:40	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98244.95	97022.05	97745.07	97670.69	0.63	ppb
Antimony	121-1	145.03	147.09	147.43	146.52	0.89	ppb
Arsenic	75-2	459.50	455.79	457.75	457.68	0.41	ppb
Barium	135-1	2733.52	2745.53	2759.67	2746.24	0.48	ppb
Barium	137-1	2758.56	2774.38	2800.67	2777.87	0.77	ppb
Beryllium	9-1	496.30	499.11	501.34	498.92	0.51	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	525.36	533.71	533.36	530.81	0.89	ppb
Boron	11-1	527.21	525.01	530.77	527.67	0.55	ppb
Cadmium	111-1	480.26	482.07	481.86	481.40	0.21	ppb
Cadmium	106-1	494.83	489.83	492.94	492.54	0.51	ppb
Cadmium	108-1	485.01	488.08	491.90	488.33	0.71	ppb
Calcium	43-1	53046.89	53859.24	53334.37	53413.50	0.77	ppb
Calcium	44-1	54264.73	54646.59	54575.01	54495.44	0.37	ppb
Chromium	52-2	586.92	581.59	585.38	584.63	0.47	ppb
Cobalt	59-2	525.32	522.51	525.85	524.56	0.34	ppb
Copper	63-2	1022.39	1014.82	1022.69	1019.96	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	139457.36	137411.23	138635.20	138501.26	0.74	ppb
Iron	57-2	138629.19	139289.65	139099.16	139006.00	0.24	ppb
Lead	206-1	569.34	569.62	563.60	567.52	0.60	ppb
Lead	207-1	541.48	540.48	540.34	540.77	0.11	ppb
Lead	208-1	563.02	564.25	560.08	562.45	0.38	ppb
Lithium	6-1				93		%
Magnesium	24-2	72851.41	72414.22	72367.07	72544.23	0.37	ppb
Manganese	55-2	3353.88	3307.78	3346.50	3336.05	0.74	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02A	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:14:40	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2264.54	2295.17	2305.92	2288.54	0.94	ppb
Molybdenum	95-1	2180.80	2213.07	2219.20	2204.36	0.94	ppb
Molybdenum	96-1	2199.50	2235.35	2232.85	2222.57	0.90	ppb
Molybdenum	97-1	2133.74	2172.32	2179.33	2161.80	1.14	ppb
Molybdenum	98-1	2189.16	2221.98	2217.98	2209.71	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	592.14	586.62	592.32	590.36	0.55	ppb
Phosphorus	31-2	3440.35	3728.77	3644.92	3604.68	4.12	ppb
Potassium	39-2	31579.41	31454.35	31589.61	31541.12	0.24	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	441.77	481.45	493.52	472.24	5.73	ppb
Selenium	78-2	432.74	443.77	448.58	441.70	1.84	ppb
Selenium	82-1	413.61	419.00	425.12	419.24	1.37	ppb
Silicon	28-1	4495.80	4527.42	4527.85	4517.02	0.41	ppb
Silver	109-1	424.82	426.01	431.12	427.32	0.78	ppb
Silver	107-1	425.26	423.86	426.70	425.27	0.33	ppb
Sodium	23-2	52953.57	52648.27	52900.44	52834.09	0.31	ppb
Strontium	86-1	559.38	564.96	569.17	564.50	0.87	ppb
Strontium	88-1	569.25	576.53	577.98	574.59	0.81	ppb
Sulfur	34-1	-3677.51	-3584.79	-3632.57	-3631.62		ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	501.65	500.40	496.52	499.52	0.54	ppb
Thallium	205-1	509.96	508.43	503.18	507.19	0.70	ppb
Tin	118-1	321.92	321.75	325.79	323.15	0.71	ppb
Titanium	47-1	4384.90	4434.44	4412.58	4410.64	0.56	ppb
Uranium	238-1	509.15	512.03	507.40	509.53	0.46	ppb
Vanadium	51-2	613.62	612.79	614.75	613.72	0.16	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	1118.91	1106.09	1121.03	1115.34	0.72	ppb
Zirconium	90-1	494.52	497.52	501.92	497.99	0.75	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02A	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:14:40	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	485.83	487.51	490.36	487.90	0.47	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-01DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(105-107)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:18:14	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36908.82	37225.90	36992.83	37042.52	0.44	ppb
Antimony	121-1	0.06	0.06	0.04	0.05	17.84	ppb
Arsenic	75-2	10.67	10.97	10.92	10.85	1.49	ppb
Barium	135-1	612.05	617.59	613.34	614.32	0.47	ppb
Barium	137-1	617.75	618.79	616.04	617.53	0.22	ppb
Beryllium	9-1	2.63	2.85	2.96	2.82	5.99	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	40.31	36.66	37.85	38.27	4.87	ppb
Boron	11-1	37.33	37.21	36.91	37.15	0.59	ppb
Cadmium	111-1	0.41	0.54	0.34	0.43	23.88	ppb
Cadmium	106-1	3.37	4.94	2.83	3.71	29.63	ppb
Cadmium	108-1	2.78	3.15	3.55	3.16	12.18	ppb
Calcium	43-1	110064.82	110769.65	110208.50	110347.66	0.34	ppb
Calcium	44-1	112211.56	112673.05	112385.14	112423.25	0.21	ppb
Chromium	52-2	63.53	63.22	62.45	63.07	0.88	ppb
Cobalt	59-2	38.04	37.72	37.71	37.83	0.49	ppb
Copper	63-2	99.74	99.33	97.66	98.91	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				98		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	76349.91	76510.95	76388.47	76416.44	0.11	ppb
Iron	57-2	75196.81	75957.82	75704.10	75619.58	0.51	ppb
Lead	206-1	39.40	39.12	39.35	39.29	0.38	ppb
Lead	207-1	35.36	35.34	35.18	35.29	0.28	ppb
Lead	208-1	37.41	37.13	37.05	37.20	0.50	ppb
Lithium	6-1				97		%
Magnesium	24-2	47290.44	47184.55	46781.31	47085.43	0.57	ppb
Manganese	55-2	2309.55	2310.12	2298.45	2306.04	0.29	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-01DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(105-107)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:18:14	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	32.97	33.09	33.05	33.04	0.19	ppb
Molybdenum	95-1	1.29	1.25	1.21	1.25	3.22	ppb
Molybdenum	96-1	5.48	5.45	5.52	5.48	0.64	ppb
Molybdenum	97-1	1.44	1.14	1.29	1.29	11.46	ppb
Molybdenum	98-1	1.31	1.31	1.32	1.31	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	91.57	91.81	91.28	91.55	0.29	ppb
Phosphorus	31-2	3195.84	2938.31	2956.08	3030.08	4.75	ppb
Potassium	39-2	11128.94	11175.57	11124.01	11142.84	0.26	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	28.84	28.55	34.30	30.56	10.60	ppb
Selenium	78-2	4.15	4.43	7.77	5.45	36.91	ppb
Selenium	82-1	0.88	1.05	1.16	1.03	13.65	ppb
Silicon	28-1	1545.34	1557.41	1580.22	1560.99	1.14	ppb
Silver	109-1	0.13	0.12	0.11	0.12	7.71	ppb
Silver	107-1	0.17	0.17	0.15	0.16	6.27	ppb
Sodium	23-2	1009.52	1034.46	1007.17	1017.05	1.49	ppb
Strontium	86-1	265.83	266.28	267.50	266.53	0.33	ppb
Strontium	88-1	274.42	274.32	273.78	274.18	0.13	ppb
Sulfur	34-1	4555.01	4645.53	4743.75	4648.10	2.03	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.89	0.82	0.75	0.82	8.47	ppb
Thallium	205-1	0.81	0.82	0.85	0.83	2.27	ppb
Tin	118-1	0.47	0.50	0.44	0.47	6.42	ppb
Titanium	47-1	774.45	778.61	776.78	776.61	0.27	ppb
Uranium	238-1	3.90	3.80	3.82	3.84	1.45	ppb
Vanadium	51-2	80.25	80.79	79.70	80.24	0.68	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	197.90	199.65	199.76	199.10	0.53	ppb
Zirconium	90-1	21.05	21.10	20.91	21.02	0.46	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-01DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(105-107)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:18:14	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	21.11	21.61	20.89	21.20	1.74	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:27:55	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51519.57	50376.54	50756.80	50884.30	1.14	ppb
Antimony	121-1	503.80	502.78	500.85	502.48	0.30	ppb
Arsenic	75-2	508.19	519.14	518.64	515.32	1.20	ppb
Barium	135-1	2563.73	2559.42	2540.44	2554.53	0.49	ppb
Barium	137-1	2582.86	2583.46	2573.22	2579.85	0.22	ppb
Beryllium	9-1	532.97	534.51	534.89	534.12	0.19	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	528.15	537.74	542.22	536.04	1.34	ppb
Boron	11-1	527.95	530.66	543.24	533.95	1.53	ppb
Cadmium	111-1	489.78	493.48	494.17	492.48	0.48	ppb
Cadmium	106-1	499.89	501.00	502.44	501.11	0.26	ppb
Cadmium	108-1	499.33	496.35	502.87	499.52	0.65	ppb
Calcium	43-1	248366.43	247013.64	246522.70	247300.92	0.39	ppb
Calcium	44-1	247141.65	246860.25	247869.86	247290.59	0.21	ppb
Chromium	52-2	535.35	530.50	523.14	529.66	1.16	ppb
Cobalt	59-2	505.81	499.75	497.56	501.04	0.85	ppb
Copper	63-2	990.26	979.53	976.63	982.14	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				98		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	131144.06	129898.63	129730.64	130257.78	0.59	ppb
Iron	57-2	132325.34	130262.40	130040.63	130876.12	0.96	ppb
Lead	206-1	509.99	505.16	506.21	507.12	0.50	ppb
Lead	207-1	502.73	499.29	501.63	501.22	0.35	ppb
Lead	208-1	512.30	510.17	508.60	510.36	0.36	ppb
Lithium	6-1				94		%
Magnesium	24-2	259266.08	254741.47	254958.53	256322.03	1.00	ppb
Manganese	55-2	1030.26	1019.53	1011.34	1020.38	0.93	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:27:55	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2553.02	2555.68	2574.10	2560.93	0.45	ppb
Molybdenum	95-1	2550.54	2552.92	2554.89	2552.79	0.09	ppb
Molybdenum	96-1	2548.17	2566.69	2559.67	2558.18	0.37	ppb
Molybdenum	97-1	2493.43	2510.05	2572.35	2525.27	1.65	ppb
Molybdenum	98-1	2539.25	2565.05	2570.19	2558.16	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.34	507.20	507.20	509.25	0.70	ppb
Phosphorus	31-2	10112.66	10364.55	10143.87	10207.03	1.35	ppb
Potassium	39-2	129862.25	129145.46	127999.09	129002.26	0.73	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	509.91	500.38	503.70	504.66	0.96	ppb
Selenium	78-2	498.88	507.63	512.28	506.26	1.34	ppb
Selenium	82-1	487.44	496.31	488.10	490.62	1.01	ppb
Silicon	28-1	605.06	620.47	630.19	618.57	2.05	ppb
Silver	109-1	492.00	497.06	496.75	495.27	0.57	ppb
Silver	107-1	491.68	495.50	492.50	493.23	0.41	ppb
Sodium	23-2	260910.96	257065.93	255378.91	257785.27	1.10	ppb
Strontium	86-1	512.14	512.34	515.91	513.46	0.41	ppb
Strontium	88-1	522.75	523.40	525.49	523.88	0.27	ppb
Sulfur	34-1	10161.05	10046.02	10131.61	10112.89	0.59	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	518.84	512.54	517.82	516.40	0.65	ppb
Thallium	205-1	527.72	520.17	524.32	524.07	0.72	ppb
Tin	118-1	495.66	495.51	493.57	494.92	0.24	ppb
Titanium	47-1	2515.38	2502.92	2513.98	2510.76	0.27	ppb
Uranium	238-1	528.71	522.31	525.68	525.57	0.61	ppb
Vanadium	51-2	519.22	520.08	513.75	517.69	0.66	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	993.13	987.35	976.77	985.75	0.84	ppb
Zirconium	90-1	514.09	516.60	516.68	515.79	0.29	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:27:55	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.58	504.64	507.87	505.03	0.53	ppb

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : CCB62 Instrumnet Name : P7
 Client Sample ID : CCB62 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 15:36:54 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	-0.10	1.12	0.59	105.74	ppb
Antimony	121-1	0.13	0.11	0.14	0.13	10.92	ppb
Arsenic	75-2	-0.05	-0.05	-0.07	-0.05		ppb
Barium	135-1	-0.04	-0.06	-0.05	-0.05		ppb
Barium	137-1	-0.06	-0.07	-0.07	-0.06		ppb
Beryllium	9-1	0.06	0.06	0.16	0.09	55.90	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	6.47	5.71	5.46	5.88	8.94	ppb
Boron	11-1	6.30	5.34	5.73	5.79	8.31	ppb
Cadmium	111-1	-0.34	-0.12	-0.20	-0.22		ppb
Cadmium	106-1	-4.46	-1.45	-2.58	-2.83		ppb
Cadmium	108-1	-0.03	0.00	-0.03	-0.02		ppb
Calcium	43-1	-11.01	-12.12	-9.80	-10.98		ppb
Calcium	44-1	-17.22	-19.01	-17.60	-17.94		ppb
Chromium	52-2	-0.03	-0.03	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.12	-0.17	-0.15	-0.15		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				98		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	0.44	0.39	0.37	0.40	9.51	ppb
Iron	57-2	-0.64	-1.66	0.06	-0.75		ppb
Lead	206-1	0.04	0.02	0.03	0.03	34.93	ppb
Lead	207-1	0.02	0.03	0.03	0.03	15.67	ppb
Lead	208-1	0.04	0.03	0.04	0.04	15.75	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.32	-1.31	-1.46	-1.03		ppb
Manganese	55-2	-0.01	-0.01	-0.04	-0.02		ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:36:54	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.00	0.01	69.89	ppb
Molybdenum	95-1	0.00	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	30.11	ppb
Molybdenum	97-1	0.03	0.04	0.01	0.03	67.02	ppb
Molybdenum	98-1	-0.01	-0.03	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.15	-0.13	-0.14		ppb
Phosphorus	31-2	-30.35	-59.64	-39.76	-43.25		ppb
Potassium	39-2	6.12	2.29	1.14	3.18	81.87	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	-0.60	-0.60	-0.60	-0.60		ppb
Selenium	78-2	-1.13	-0.46	1.33	-0.09		ppb
Selenium	82-1	0.00	0.17	0.18	0.12	90.16	ppb
Silicon	28-1	-13.31	-12.78	-12.44	-12.84		ppb
Silver	109-1	0.01	0.01	0.00	0.01	50.92	ppb
Silver	107-1	0.00	0.01	0.01	0.00	75.15	ppb
Sodium	23-2	16.74	14.66	16.58	16.00	7.23	ppb
Strontium	86-1	-0.12	-0.18	-0.09	-0.13		ppb
Strontium	88-1	-0.07	-0.07	-0.08	-0.07		ppb
Sulfur	34-1	-1025.80	-1210.02	-907.12	-1047.65		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.02	0.02	8.42	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.55	ppb
Tin	118-1	-0.01	-0.03	-0.04	-0.03		ppb
Titanium	47-1	-0.02	-0.04	0.04	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	5093.99	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	-0.39	-0.26	-0.33	-0.33		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	15.72	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:36:54	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.02	0.01	125.86	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-02DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(125-127)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:40:27	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79930.85	79841.55	79766.71	79846.37	0.10	ppb
Antimony	121-1	0.14	0.12	0.15	0.14	12.63	ppb
Arsenic	75-2	23.11	23.43	22.46	23.00	2.14	ppb
Barium	135-1	1038.59	1038.60	1043.15	1040.11	0.25	ppb
Barium	137-1	1040.14	1042.39	1044.70	1042.41	0.22	ppb
Beryllium	9-1	5.73	5.53	5.28	5.51	4.10	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	49.21	48.65	49.46	49.10	0.84	ppb
Boron	11-1	51.96	52.15	53.66	52.59	1.77	ppb
Cadmium	111-1	0.99	0.91	1.00	0.97	5.04	ppb
Cadmium	106-1	13.51	13.07	14.10	13.56	3.81	ppb
Cadmium	108-1	7.69	7.63	7.98	7.77	2.42	ppb
Calcium	43-1	73657.78	72722.50	73353.19	73244.49	0.65	ppb
Calcium	44-1	75197.62	74989.09	75056.47	75081.06	0.14	ppb
Chromium	52-2	119.64	119.90	118.31	119.28	0.71	ppb
Cobalt	59-2	67.65	68.27	67.06	67.66	0.90	ppb
Copper	63-2	153.92	154.41	153.39	153.91	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	153666.48	153499.44	153539.95	153568.62	0.06	ppb
Iron	57-2	154389.80	154371.60	153098.51	153953.30	0.48	ppb
Lead	206-1	77.21	76.32	76.82	76.79	0.58	ppb
Lead	207-1	69.39	68.34	68.50	68.74	0.82	ppb
Lead	208-1	72.63	72.23	72.56	72.47	0.30	ppb
Lithium	6-1				99		%
Magnesium	24-2	55068.93	55015.42	55181.94	55088.76	0.15	ppb
Manganese	55-2	3041.28	3035.91	3024.72	3033.97	0.28	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-02DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(125-127)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:40:27	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	85.45	87.34	85.87	86.22	1.15	ppb
Molybdenum	95-1	1.03	1.01	1.09	1.04	4.16	ppb
Molybdenum	96-1	12.05	12.21	12.12	12.13	0.67	ppb
Molybdenum	97-1	0.99	1.11	1.04	1.05	5.82	ppb
Molybdenum	98-1	1.05	1.06	1.07	1.06	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	153.94	155.13	153.12	154.06	0.65	ppb
Phosphorus	31-2	2317.33	2199.50	2177.46	2231.43	3.37	ppb
Potassium	39-2	18314.77	18372.70	18140.65	18276.04	0.66	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	41.90	40.73	41.32	41.31	1.42	ppb
Selenium	78-2	7.79	6.63	8.55	7.66	12.60	ppb
Selenium	82-1	1.90	1.49	1.34	1.58	18.35	ppb
Silicon	28-1	2625.88	2623.79	2631.30	2626.99	0.15	ppb
Silver	109-1	0.21	0.20	0.20	0.20	3.63	ppb
Silver	107-1	0.27	0.28	0.28	0.28	1.13	ppb
Sodium	23-2	1256.72	1266.27	1267.36	1263.45	0.46	ppb
Strontium	86-1	234.45	235.67	232.19	234.10	0.76	ppb
Strontium	88-1	236.77	237.34	234.40	236.17	0.66	ppb
Sulfur	34-1	1095.50	873.90	940.12	969.84	11.73	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	1.09	1.04	1.04	1.06	2.53	ppb
Thallium	205-1	1.08	1.07	1.03	1.06	2.37	ppb
Tin	118-1	0.39	0.39	0.43	0.41	6.07	ppb
Titanium	47-1	1004.09	1006.17	995.14	1001.80	0.59	ppb
Uranium	238-1	4.87	4.89	4.86	4.87	0.37	ppb
Vanadium	51-2	128.85	129.40	129.78	129.34	0.36	ppb
Yttrium	89-1				113		%
Yttrium	89-2				113		%
Zinc	66-2	337.17	334.18	333.58	334.98	0.57	ppb
Zirconium	90-1	56.41	56.34	56.63	56.46	0.27	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-02DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(125-127)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:40:27	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	57.17	57.13	56.51	56.94	0.65	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-03DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(130-132)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:44:02	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42058.92	41126.82	41221.57	41469.10	1.24	ppb
Antimony	121-1	0.09	0.06	0.07	0.07	16.01	ppb
Arsenic	75-2	11.82	12.53	12.24	12.20	2.93	ppb
Barium	135-1	490.28	489.25	483.38	487.64	0.76	ppb
Barium	137-1	492.31	492.30	488.74	491.12	0.42	ppb
Beryllium	9-1	2.95	3.02	2.73	2.90	5.37	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	27.78	27.23	25.36	26.79	4.74	ppb
Boron	11-1	27.20	27.04	27.69	27.31	1.23	ppb
Cadmium	111-1	0.66	0.85	0.77	0.76	12.51	ppb
Cadmium	106-1	6.37	8.09	7.83	7.43	12.53	ppb
Cadmium	108-1	3.56	3.35	3.32	3.41	3.81	ppb
Calcium	43-1	110677.80	110457.29	109890.91	110342.00	0.37	ppb
Calcium	44-1	112474.89	112364.55	112270.51	112369.98	0.09	ppb
Chromium	52-2	77.02	75.95	74.10	75.69	1.95	ppb
Cobalt	59-2	43.40	42.93	41.65	42.66	2.12	ppb
Copper	63-2	109.47	107.24	104.82	107.18	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	90956.51	89244.55	86769.91	88990.32	2.37	ppb
Iron	57-2	89269.60	88488.52	86030.65	87929.59	1.92	ppb
Lead	206-1	43.85	43.14	43.83	43.61	0.93	ppb
Lead	207-1	39.38	39.08	39.61	39.35	0.67	ppb
Lead	208-1	41.49	41.09	41.68	41.42	0.73	ppb
Lithium	6-1				100		%
Magnesium	24-2	47908.77	46958.46	46393.55	47086.93	1.63	ppb
Manganese	55-2	2578.93	2544.14	2470.65	2531.24	2.18	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-03DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(130-132)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:44:02	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	40.29	39.96	39.70	39.98	0.73	ppb
Molybdenum	95-1	1.32	1.46	1.38	1.39	5.26	ppb
Molybdenum	96-1	6.43	6.59	6.56	6.53	1.25	ppb
Molybdenum	97-1	1.49	1.45	1.28	1.41	7.98	ppb
Molybdenum	98-1	1.40	1.41	1.40	1.40	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.11	98.98	97.58	99.22	1.79	ppb
Phosphorus	31-2	3048.61	3071.34	2909.68	3009.88	2.91	ppb
Potassium	39-2	11581.24	11368.26	11219.80	11389.77	1.60	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	34.78	31.28	34.17	33.41	5.59	ppb
Selenium	78-2	5.00	5.88	5.52	5.46	8.10	ppb
Selenium	82-1	1.43	0.43	0.90	0.92	54.67	ppb
Silicon	28-1	1853.27	1855.57	1836.63	1848.49	0.56	ppb
Silver	109-1	0.15	0.13	0.14	0.14	8.00	ppb
Silver	107-1	0.17	0.18	0.17	0.17	3.43	ppb
Sodium	23-2	1142.28	1115.81	1090.76	1116.28	2.31	ppb
Strontium	86-1	260.57	261.09	258.34	260.00	0.56	ppb
Strontium	88-1	266.47	266.61	265.29	266.12	0.27	ppb
Sulfur	34-1	5369.82	5486.43	5186.78	5347.68	2.82	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.72	0.73	0.68	0.71	3.67	ppb
Thallium	205-1	0.69	0.67	0.73	0.70	4.24	ppb
Tin	118-1	0.43	0.44	0.44	0.44	2.08	ppb
Titanium	47-1	773.11	766.77	766.14	768.68	0.50	ppb
Uranium	238-1	4.14	4.17	4.16	4.16	0.41	ppb
Vanadium	51-2	88.22	87.55	84.99	86.92	1.96	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	215.99	215.36	211.64	214.33	1.10	ppb
Zirconium	90-1	25.92	25.95	25.56	25.81	0.84	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-03DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(130-132)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:44:02	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	26.17	25.76	26.03	25.99	0.80	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-04DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(145-147)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:47:37	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90895.84	90231.10	91263.37	90796.77	0.58	ppb
Antimony	121-1	0.06	0.07	0.08	0.07	14.20	ppb
Arsenic	75-2	15.82	15.62	16.08	15.84	1.46	ppb
Barium	135-1	1037.84	1046.00	1052.11	1045.32	0.68	ppb
Barium	137-1	1054.90	1053.01	1058.37	1055.43	0.26	ppb
Beryllium	9-1	5.95	5.51	5.77	5.74	3.79	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	45.15	45.53	46.12	45.60	1.07	ppb
Boron	11-1	45.86	45.88	44.71	45.48	1.48	ppb
Cadmium	111-1	1.31	1.40	1.20	1.31	7.71	ppb
Cadmium	106-1	15.54	16.29	13.81	15.21	8.34	ppb
Cadmium	108-1	8.58	8.34	7.92	8.28	3.98	ppb
Calcium	43-1	79509.48	80191.43	79776.09	79825.67	0.43	ppb
Calcium	44-1	81478.05	81754.53	82212.86	81815.15	0.45	ppb
Chromium	52-2	154.63	154.63	156.04	155.10	0.53	ppb
Cobalt	59-2	78.74	78.04	78.66	78.48	0.49	ppb
Copper	63-2	162.45	160.84	163.82	162.37	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	176243.56	174296.54	177358.31	175966.14	0.88	ppb
Iron	57-2	176918.94	174374.32	177206.10	176166.45	0.88	ppb
Lead	206-1	83.89	84.95	84.65	84.50	0.65	ppb
Lead	207-1	76.09	76.18	76.67	76.32	0.41	ppb
Lead	208-1	80.00	80.52	80.52	80.35	0.38	ppb
Lithium	6-1				99		%
Magnesium	24-2	68657.10	68146.79	68364.95	68389.61	0.37	ppb
Manganese	55-2	3291.40	3280.17	3298.90	3290.16	0.29	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-04DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(145-147)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:47:37	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	90.69	92.55	91.41	91.55	1.02	ppb
Molybdenum	95-1	1.08	1.07	1.12	1.09	2.34	ppb
Molybdenum	96-1	12.92	13.18	12.91	13.00	1.17	ppb
Molybdenum	97-1	1.02	1.13	1.15	1.10	6.32	ppb
Molybdenum	98-1	1.06	1.04	1.04	1.04	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	180.62	178.50	180.85	179.99	0.72	ppb
Phosphorus	31-2	2191.62	2276.26	2215.04	2227.64	1.96	ppb
Potassium	39-2	23206.48	23309.43	23411.96	23309.29	0.44	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	50.84	42.69	47.75	47.09	8.74	ppb
Selenium	78-2	10.92	6.30	9.13	8.79	26.55	ppb
Selenium	82-1	1.83	1.70	1.67	1.73	4.88	ppb
Silicon	28-1	2206.27	2291.60	2199.11	2232.33	2.31	ppb
Silver	109-1	0.22	0.22	0.20	0.21	5.22	ppb
Silver	107-1	0.28	0.29	0.32	0.30	6.31	ppb
Sodium	23-2	1117.90	1130.15	1117.95	1122.00	0.63	ppb
Strontium	86-1	201.75	204.19	203.29	203.08	0.61	ppb
Strontium	88-1	204.13	205.60	206.17	205.30	0.51	ppb
Sulfur	34-1	-822.53	-1083.01	-961.41	-955.65		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	1.28	1.28	1.26	1.28	1.09	ppb
Thallium	205-1	1.30	1.29	1.30	1.30	0.50	ppb
Tin	118-1	0.61	0.54	0.62	0.59	7.36	ppb
Titanium	47-1	1612.62	1612.98	1646.44	1624.02	1.20	ppb
Uranium	238-1	5.14	5.13	5.02	5.10	1.28	ppb
Vanadium	51-2	165.12	162.10	164.80	164.01	1.01	ppb
Yttrium	89-1				117		%
Yttrium	89-2				117		%
Zinc	66-2	405.40	403.16	409.35	405.97	0.77	ppb
Zirconium	90-1	59.97	60.18	60.43	60.19	0.39	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-04DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(145-147)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:47:37	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	59.40	60.55	61.00	60.32	1.36	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-05DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(65-67)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:51:12	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39028.59	40089.83	39110.17	39409.53	1.50	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	17.08	ppb
Arsenic	75-2	8.11	7.33	7.78	7.74	5.05	ppb
Barium	135-1	932.37	934.82	935.64	934.28	0.18	ppb
Barium	137-1	948.22	948.33	949.53	948.69	0.08	ppb
Beryllium	9-1	3.94	3.59	3.65	3.72	4.97	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	30.43	29.56	30.42	30.14	1.66	ppb
Boron	11-1	30.29	30.39	31.63	30.77	2.43	ppb
Cadmium	111-1	0.38	0.31	0.36	0.35	9.44	ppb
Cadmium	106-1	4.14	2.94	4.13	3.74	18.46	ppb
Cadmium	108-1	2.66	2.55	2.97	2.73	7.98	ppb
Calcium	43-1	91819.95	90410.39	91715.59	91315.31	0.86	ppb
Calcium	44-1	93407.94	92657.26	94107.00	93390.73	0.78	ppb
Chromium	52-2	68.87	69.41	69.43	69.24	0.46	ppb
Cobalt	59-2	36.30	35.97	36.10	36.12	0.45	ppb
Copper	63-2	81.55	82.31	82.66	82.18	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				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	64321.04	65040.69	64255.39	64539.04	0.68	ppb
Iron	57-2	63213.67	63728.19	63533.92	63491.93	0.41	ppb
Lead	206-1	36.57	36.79	36.43	36.60	0.49	ppb
Lead	207-1	32.69	32.69	32.86	32.74	0.30	ppb
Lead	208-1	34.63	34.78	34.90	34.77	0.39	ppb
Lithium	6-1				98		%
Magnesium	24-2	43542.30	44031.29	43199.04	43590.88	0.96	ppb
Manganese	55-2	2292.73	2318.94	2301.14	2304.27	0.58	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-05DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(65-67)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:51:12	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	29.02	29.44	29.73	29.40	1.20	ppb
Molybdenum	95-1	0.64	0.58	0.66	0.62	6.85	ppb
Molybdenum	96-1	4.46	4.38	4.56	4.46	1.98	ppb
Molybdenum	97-1	0.68	0.56	0.60	0.61	9.83	ppb
Molybdenum	98-1	0.56	0.61	0.60	0.59	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.34	93.83	92.82	93.67	0.83	ppb
Phosphorus	31-2	2700.49	2793.80	2664.35	2719.55	2.46	ppb
Potassium	39-2	15304.46	15558.56	15172.01	15345.01	1.28	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	35.46	33.13	28.84	32.48	10.33	ppb
Selenium	78-2	6.19	5.18	5.09	5.49	11.14	ppb
Selenium	82-1	1.65	0.42	1.22	1.10	57.10	ppb
Silicon	28-1	1677.78	1653.44	1686.45	1672.56	1.02	ppb
Silver	109-1	0.08	0.07	0.09	0.08	13.10	ppb
Silver	107-1	0.10	0.08	0.10	0.09	10.21	ppb
Sodium	23-2	1295.30	1310.69	1294.39	1300.13	0.70	ppb
Strontium	86-1	188.55	187.48	188.76	188.27	0.36	ppb
Strontium	88-1	191.72	189.20	190.40	190.44	0.66	ppb
Sulfur	34-1	1405.76	1436.00	1699.77	1513.84	10.68	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.91	0.94	0.90	0.92	2.11	ppb
Thallium	205-1	0.91	0.89	0.93	0.91	1.74	ppb
Tin	118-1	0.35	0.35	0.31	0.34	5.73	ppb
Titanium	47-1	833.19	827.17	842.04	834.13	0.90	ppb
Uranium	238-1	4.87	4.86	4.94	4.89	0.92	ppb
Vanadium	51-2	86.41	87.34	87.20	86.99	0.58	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	165.92	167.82	165.32	166.35	0.78	ppb
Zirconium	90-1	19.26	19.33	19.45	19.35	0.48	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-05DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(65-67)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:51:12	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	19.38	19.65	19.40	19.48	0.78	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-06DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(70-72)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:54:46	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39519.12	40001.58	39804.67	39775.12	0.61	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	18.09	ppb
Arsenic	75-2	9.57	9.49	9.99	9.68	2.77	ppb
Barium	135-1	672.87	701.69	669.46	681.34	2.60	ppb
Barium	137-1	678.63	705.19	674.45	686.09	2.43	ppb
Beryllium	9-1	3.31	3.32	3.26	3.30	0.99	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	28.89	30.64	31.04	30.19	3.80	ppb
Boron	11-1	28.80	29.39	29.85	29.35	1.79	ppb
Cadmium	111-1	0.45	0.40	0.57	0.47	18.12	ppb
Cadmium	106-1	4.68	4.32	5.32	4.77	10.69	ppb
Cadmium	108-1	3.41	3.27	2.74	3.14	11.35	ppb
Calcium	43-1	99870.25	103852.40	99644.43	101122.36	2.34	ppb
Calcium	44-1	101922.83	106242.87	101785.08	103316.93	2.45	ppb
Chromium	52-2	70.63	71.10	70.74	70.82	0.34	ppb
Cobalt	59-2	38.42	38.49	37.92	38.28	0.82	ppb
Copper	63-2	93.34	93.91	92.38	93.21	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	75488.46	75734.13	75003.98	75408.86	0.49	ppb
Iron	57-2	74339.22	74314.57	74121.54	74258.44	0.16	ppb
Lead	206-1	39.67	41.59	39.23	40.16	3.13	ppb
Lead	207-1	35.29	37.03	34.67	35.66	3.42	ppb
Lead	208-1	37.53	39.24	36.93	37.90	3.16	ppb
Lithium	6-1				96		%
Magnesium	24-2	46006.21	46148.83	45720.80	45958.61	0.47	ppb
Manganese	55-2	2327.07	2347.90	2328.17	2334.38	0.50	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-06DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(70-72)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:54:46	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	34.45	35.58	34.00	34.67	2.34	ppb
Molybdenum	95-1	0.95	0.98	0.97	0.97	1.99	ppb
Molybdenum	96-1	5.23	5.55	5.40	5.39	3.04	ppb
Molybdenum	97-1	0.91	1.03	0.98	0.97	6.00	ppb
Molybdenum	98-1	0.95	0.95	0.93	0.94	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.68	91.58	90.98	91.74	0.94	ppb
Phosphorus	31-2	2745.64	2893.25	2924.12	2854.34	3.34	ppb
Potassium	39-2	14190.43	14155.21	14230.67	14192.11	0.27	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	21.62	29.08	31.67	27.46	19.00	ppb
Selenium	78-2	4.76	6.31	5.48	5.52	13.99	ppb
Selenium	82-1	1.01	1.33	1.45	1.26	18.27	ppb
Silicon	28-1	1947.21	2042.34	1957.59	1982.38	2.63	ppb
Silver	109-1	0.10	0.13	0.09	0.11	17.08	ppb
Silver	107-1	0.12	0.15	0.12	0.13	14.44	ppb
Sodium	23-2	1036.11	1034.07	1037.06	1035.75	0.15	ppb
Strontium	86-1	233.30	242.78	231.50	235.86	2.57	ppb
Strontium	88-1	235.46	242.20	234.48	237.38	1.77	ppb
Sulfur	34-1	3175.82	3883.91	3198.89	3419.54	11.77	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.86	0.88	0.84	0.86	2.09	ppb
Thallium	205-1	0.83	0.90	0.83	0.86	4.65	ppb
Tin	118-1	0.42	0.44	0.38	0.41	6.64	ppb
Titanium	47-1	871.98	902.80	880.53	885.10	1.80	ppb
Uranium	238-1	4.57	4.77	4.52	4.62	2.86	ppb
Vanadium	51-2	87.47	87.18	86.63	87.09	0.49	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	185.98	187.13	184.81	185.97	0.63	ppb
Zirconium	90-1	22.26	23.20	22.10	22.52	2.63	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-06DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(70-72)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:54:46	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	22.47	23.04	22.15	22.55	1.99	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-07DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:58:22	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52770.12	52962.22	52417.64	52716.66	0.52	ppb
Antimony	121-1	0.07	0.09	0.06	0.07	22.45	ppb
Arsenic	75-2	17.12	17.11	16.88	17.04	0.82	ppb
Barium	135-1	249.43	247.86	245.75	247.68	0.75	ppb
Barium	137-1	249.27	248.74	246.80	248.27	0.52	ppb
Beryllium	9-1	2.61	2.32	2.66	2.53	7.36	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	11.87	13.00	15.49	13.45	13.78	ppb
Boron	11-1	12.93	13.17	13.21	13.10	1.15	ppb
Cadmium	111-1	0.42	0.48	0.19	0.37	41.28	ppb
Cadmium	106-1	4.95	4.85	2.71	4.17	30.38	ppb
Cadmium	108-1	3.16	2.21	3.44	2.94	21.93	ppb
Calcium	43-1	12067.73	12068.37	12158.82	12098.31	0.43	ppb
Calcium	44-1	12263.77	12300.21	12372.03	12312.00	0.45	ppb
Chromium	52-2	93.04	92.89	92.68	92.87	0.20	ppb
Cobalt	59-2	39.44	39.22	38.74	39.13	0.91	ppb
Copper	63-2	86.30	86.55	86.35	86.40	0.15	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				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	96621.10	95884.33	95515.97	96007.14	0.59	ppb
Iron	57-2	95447.31	95306.62	94958.35	95237.42	0.26	ppb
Lead	206-1	78.80	79.17	77.74	78.57	0.95	ppb
Lead	207-1	69.51	70.68	69.21	69.80	1.11	ppb
Lead	208-1	74.30	74.29	73.40	74.00	0.70	ppb
Lithium	6-1				97		%
Magnesium	24-2	16696.17	16699.37	16576.72	16657.42	0.42	ppb
Manganese	55-2	1674.02	1673.60	1668.22	1671.95	0.19	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-07DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:58:22	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	40.66	40.35	40.71	40.57	0.48	ppb
Molybdenum	95-1	2.39	2.54	2.44	2.46	3.31	ppb
Molybdenum	96-1	7.62	7.37	7.56	7.52	1.74	ppb
Molybdenum	97-1	2.50	2.34	2.37	2.40	3.47	ppb
Molybdenum	98-1	2.39	2.44	2.40	2.41	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	84.11	84.30	84.49	84.30	0.23	ppb
Phosphorus	31-2	4535.87	4248.20	4276.77	4353.61	3.64	ppb
Potassium	39-2	4510.14	4482.22	4479.05	4490.47	0.38	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	34.41	25.88	28.32	29.53	14.88	ppb
Selenium	78-2	3.45	4.66	4.09	4.07	14.82	ppb
Selenium	82-1	0.61	0.98	2.01	1.20	60.82	ppb
Silicon	28-1	2310.33	2308.12	2319.99	2312.82	0.27	ppb
Silver	109-1	0.14	0.13	0.13	0.13	2.29	ppb
Silver	107-1	0.15	0.17	0.16	0.16	6.30	ppb
Sodium	23-2	3627.11	3638.58	3594.63	3620.10	0.63	ppb
Strontium	86-1	93.58	92.92	91.56	92.69	1.11	ppb
Strontium	88-1	93.03	91.69	92.48	92.40	0.73	ppb
Sulfur	34-1	-2791.16	-3195.01	-3388.67	-3124.95		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.44	0.41	0.38	0.41	6.59	ppb
Thallium	205-1	0.43	0.38	0.41	0.41	6.50	ppb
Tin	118-1	1.36	1.31	1.37	1.35	2.23	ppb
Titanium	47-1	632.35	633.66	634.04	633.35	0.14	ppb
Uranium	238-1	2.79	2.82	2.81	2.81	0.48	ppb
Vanadium	51-2	96.18	96.03	95.83	96.01	0.18	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	206.63	206.02	206.35	206.34	0.15	ppb
Zirconium	90-1	25.54	25.67	25.55	25.59	0.28	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-07DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:58:22	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.81	25.91	25.45	25.72	0.93	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-08DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:01:57	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37600.95	37114.30	37266.73	37327.33	0.67	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	7.94	ppb
Arsenic	75-2	8.26	8.46	8.34	8.36	1.23	ppb
Barium	135-1	122.90	124.23	122.53	123.22	0.73	ppb
Barium	137-1	123.01	124.74	122.39	123.38	0.99	ppb
Beryllium	9-1	1.58	1.49	1.62	1.56	4.23	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	9.53	8.28	8.71	8.84	7.20	ppb
Boron	11-1	8.48	8.94	8.65	8.69	2.67	ppb
Cadmium	111-1	0.15	0.24	0.18	0.19	24.47	ppb
Cadmium	106-1	-0.11	1.28	0.81	0.66	107.73	ppb
Cadmium	108-1	2.24	1.71	2.12	2.02	13.65	ppb
Calcium	43-1	6461.05	6414.08	6427.53	6434.22	0.38	ppb
Calcium	44-1	6574.77	6558.62	6569.20	6567.53	0.12	ppb
Chromium	52-2	56.63	56.61	56.15	56.46	0.48	ppb
Cobalt	59-2	29.20	28.55	29.16	28.97	1.25	ppb
Copper	63-2	57.34	56.55	57.05	56.98	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	56284.94	55666.81	56016.04	55989.26	0.55	ppb
Iron	57-2	54935.83	54577.25	54828.17	54780.42	0.34	ppb
Lead	206-1	28.97	28.24	28.41	28.54	1.35	ppb
Lead	207-1	25.42	25.42	25.01	25.28	0.94	ppb
Lead	208-1	27.08	26.82	26.64	26.85	0.82	ppb
Lithium	6-1				97		%
Magnesium	24-2	13285.29	13233.61	13201.38	13240.09	0.32	ppb
Manganese	55-2	1501.45	1488.58	1489.17	1493.07	0.49	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-08DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:01:57	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	23.33	23.17	23.07	23.19	0.59	ppb
Molybdenum	95-1	0.41	0.40	0.45	0.42	6.77	ppb
Molybdenum	96-1	3.48	3.35	3.55	3.46	2.95	ppb
Molybdenum	97-1	0.47	0.40	0.41	0.43	9.04	ppb
Molybdenum	98-1	0.40	0.40	0.40	0.40	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.95	67.61	67.47	67.68	0.36	ppb
Phosphorus	31-2	2811.60	2892.75	2786.11	2830.15	1.97	ppb
Potassium	39-2	3060.70	3067.65	3038.64	3055.66	0.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	27.69	26.27	17.11	23.69	24.25	ppb
Selenium	78-2	4.22	4.14	4.69	4.35	6.82	ppb
Selenium	82-1	0.83	0.86	1.28	0.99	25.17	ppb
Silicon	28-1	1545.44	1534.79	1547.33	1542.52	0.44	ppb
Silver	109-1	0.09	0.10	0.10	0.10	5.27	ppb
Silver	107-1	0.10	0.09	0.11	0.10	5.46	ppb
Sodium	23-2	2081.87	2064.67	2051.14	2065.90	0.75	ppb
Strontium	86-1	34.33	35.24	35.70	35.09	1.98	ppb
Strontium	88-1	35.14	35.27	35.42	35.28	0.40	ppb
Sulfur	34-1	-4491.73	-4396.52	-4557.57	-4481.94		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.26	0.26	0.26	0.26	0.61	ppb
Thallium	205-1	0.25	0.27	0.27	0.27	3.86	ppb
Tin	118-1	0.60	0.63	0.63	0.62	3.27	ppb
Titanium	47-1	835.60	841.90	842.10	839.87	0.44	ppb
Uranium	238-1	2.02	2.04	2.02	2.03	0.63	ppb
Vanadium	51-2	59.34	60.05	60.06	59.82	0.69	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	153.63	152.96	152.36	152.98	0.42	ppb
Zirconium	90-1	14.98	15.25	15.03	15.09	0.95	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-08DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:01:57	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	15.11	14.80	15.48	15.13	2.25	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-01DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:05:31	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36050.92	35894.51	35775.60	35907.01	0.38	ppb
Antimony	121-1	0.08	0.06	0.07	0.07	9.86	ppb
Arsenic	75-2	7.57	7.26	7.42	7.42	2.11	ppb
Barium	135-1	187.84	188.46	190.18	188.83	0.64	ppb
Barium	137-1	190.36	190.93	191.22	190.84	0.23	ppb
Beryllium	9-1	1.84	1.78	1.84	1.82	1.75	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	12.02	10.62	12.41	11.68	8.07	ppb
Boron	11-1	10.92	10.80	10.96	10.89	0.77	ppb
Cadmium	111-1	0.32	0.37	0.18	0.29	35.28	ppb
Cadmium	106-1	1.53	2.75	-0.35	1.31	119.31	ppb
Cadmium	108-1	2.44	2.80	2.02	2.42	16.16	ppb
Calcium	43-1	16626.22	16411.91	16608.23	16548.79	0.72	ppb
Calcium	44-1	17099.19	17027.26	17202.50	17109.65	0.51	ppb
Chromium	52-2	64.25	63.92	63.73	63.97	0.41	ppb
Cobalt	59-2	30.24	30.28	30.18	30.23	0.16	ppb
Copper	63-2	82.86	82.55	83.04	82.82	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	52227.34	51888.76	51881.86	51999.32	0.38	ppb
Iron	57-2	50909.12	50605.18	50789.12	50767.81	0.30	ppb
Lead	206-1	36.05	35.98	35.94	35.99	0.17	ppb
Lead	207-1	31.95	32.09	32.31	32.12	0.58	ppb
Lead	208-1	33.99	33.91	34.23	34.04	0.48	ppb
Lithium	6-1				97		%
Magnesium	24-2	14535.07	14510.39	14390.41	14478.62	0.53	ppb
Manganese	55-2	1805.72	1791.77	1803.13	1800.21	0.41	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-01DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:05:31	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	23.82	23.25	23.81	23.63	1.39	ppb
Molybdenum	95-1	0.60	0.67	0.61	0.63	5.41	ppb
Molybdenum	96-1	3.72	3.58	3.73	3.68	2.29	ppb
Molybdenum	97-1	0.59	0.64	0.67	0.63	6.28	ppb
Molybdenum	98-1	0.69	0.65	0.63	0.65	4.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.24	83.01	82.71	82.99	0.32	ppb
Phosphorus	31-2	1359.36	1412.87	1467.99	1413.41	3.84	ppb
Potassium	39-2	3814.69	3784.62	3739.53	3779.61	1.00	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	23.84	21.76	26.89	24.16	10.67	ppb
Selenium	78-2	3.05	5.93	3.78	4.25	35.18	ppb
Selenium	82-1	0.30	0.64	0.46	0.46	36.65	ppb
Silicon	28-1	3900.17	3807.43	3906.42	3871.34	1.43	ppb
Silver	109-1	0.12	0.12	0.12	0.12	1.42	ppb
Silver	107-1	0.12	0.10	0.12	0.11	8.04	ppb
Sodium	23-2	2593.80	2584.60	2571.22	2583.21	0.44	ppb
Strontium	86-1	89.18	89.58	89.25	89.34	0.24	ppb
Strontium	88-1	89.15	89.57	89.18	89.30	0.26	ppb
Sulfur	34-1	-4329.12	-4316.83	-4386.01	-4343.99		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.33	0.29	0.27	0.29	10.35	ppb
Thallium	205-1	0.29	0.30	0.31	0.30	3.11	ppb
Tin	118-1	0.68	0.64	0.61	0.65	5.70	ppb
Titanium	47-1	904.84	908.67	905.99	906.50	0.22	ppb
Uranium	238-1	2.35	2.35	2.36	2.35	0.36	ppb
Vanadium	51-2	70.28	69.59	68.87	69.58	1.01	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	127.85	126.05	126.34	126.75	0.76	ppb
Zirconium	90-1	15.27	15.22	15.46	15.32	0.84	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-01DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:05:31	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	15.37	15.50	15.45	15.44	0.44	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:09:05	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41523.56	41105.61	40828.58	41152.58	0.85	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	19.62	ppb
Arsenic	75-2	11.37	11.01	11.63	11.34	2.71	ppb
Barium	135-1	105.54	106.46	106.26	106.09	0.46	ppb
Barium	137-1	106.61	106.32	107.17	106.70	0.41	ppb
Beryllium	9-1	1.93	1.87	1.78	1.86	4.08	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	10.51	10.67	10.64	10.61	0.78	ppb
Boron	11-1	10.72	10.48	9.92	10.38	3.95	ppb
Cadmium	111-1	0.15	0.17	0.13	0.15	12.76	ppb
Cadmium	106-1	1.08	0.43	0.55	0.69	50.27	ppb
Cadmium	108-1	2.37	1.82	1.98	2.06	13.78	ppb
Calcium	43-1	3187.96	3177.83	3230.60	3198.80	0.88	ppb
Calcium	44-1	3179.14	3186.98	3178.04	3181.39	0.15	ppb
Chromium	52-2	57.96	58.39	57.68	58.01	0.62	ppb
Cobalt	59-2	34.30	34.34	34.43	34.36	0.19	ppb
Copper	63-2	43.42	43.28	43.98	43.56	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	59689.02	59424.78	59359.50	59491.10	0.29	ppb
Iron	57-2	58399.42	58339.60	58121.59	58286.87	0.25	ppb
Lead	206-1	34.77	35.05	34.51	34.78	0.78	ppb
Lead	207-1	30.81	30.82	30.71	30.78	0.19	ppb
Lead	208-1	32.98	32.70	32.56	32.75	0.65	ppb
Lithium	6-1				97		%
Magnesium	24-2	10561.16	10504.56	10454.95	10506.89	0.51	ppb
Manganese	55-2	1443.97	1439.93	1436.42	1440.11	0.26	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:09:05	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	29.06	28.98	29.32	29.12	0.61	ppb
Molybdenum	95-1	1.05	1.02	1.13	1.07	5.25	ppb
Molybdenum	96-1	4.86	4.90	4.60	4.79	3.42	ppb
Molybdenum	97-1	1.00	1.07	0.94	1.00	6.48	ppb
Molybdenum	98-1	0.95	0.96	1.01	0.97	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.47	64.32	66.12	64.97	1.54	ppb
Phosphorus	31-2	1984.67	1822.21	1817.40	1874.76	5.08	ppb
Potassium	39-2	3078.46	3088.02	3066.09	3077.52	0.36	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	19.93	14.29	24.52	19.58	26.16	ppb
Selenium	78-2	1.26	4.10	1.60	2.32	66.83	ppb
Selenium	82-1	0.71	0.46	1.50	0.89	61.25	ppb
Silicon	28-1	2427.31	2418.99	2401.38	2415.90	0.55	ppb
Silver	109-1	0.04	0.07	0.04	0.05	38.11	ppb
Silver	107-1	0.06	0.07	0.08	0.07	13.72	ppb
Sodium	23-2	1863.81	1836.65	1833.47	1844.65	0.90	ppb
Strontium	86-1	53.25	54.58	52.66	53.49	1.84	ppb
Strontium	88-1	53.61	53.89	53.58	53.69	0.32	ppb
Sulfur	34-1	-5139.42	-5099.03	-5243.90	-5160.79		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.33	0.33	0.32	0.33	1.69	ppb
Thallium	205-1	0.30	0.30	0.29	0.30	3.07	ppb
Tin	118-1	0.41	0.48	0.47	0.46	8.19	ppb
Titanium	47-1	748.72	751.89	751.67	750.76	0.24	ppb
Uranium	238-1	2.13	2.11	2.08	2.11	1.03	ppb
Vanadium	51-2	67.52	67.64	68.63	67.93	0.90	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	102.39	101.08	102.31	101.92	0.72	ppb
Zirconium	90-1	19.07	18.84	18.71	18.87	0.97	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:09:05	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	19.26	19.02	18.76	19.01	1.32	ppb

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : J2950-02DUPDLX2 Instrumnet Name : P7
 Client Sample ID : EPE-MX-3(5-10)DUPDL Dilution Factor : 2
 Date & Time Acquired :: 2018-05-22 16:12:38 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41788.27	41583.49	42101.15	41824.30	0.62	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	4.76	ppb
Arsenic	75-2	11.35	11.26	11.07	11.23	1.23	ppb
Barium	135-1	108.19	106.68	108.05	107.64	0.78	ppb
Barium	137-1	108.16	107.75	107.57	107.83	0.28	ppb
Beryllium	9-1	1.90	1.72	1.79	1.81	5.10	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	9.45	9.61	10.59	9.88	6.25	ppb
Boron	11-1	10.48	10.54	9.94	10.32	3.18	ppb
Cadmium	111-1	0.24	0.24	0.01	0.16	83.42	ppb
Cadmium	106-1	1.42	2.13	-0.29	1.09	114.76	ppb
Cadmium	108-1	2.02	2.19	2.07	2.09	4.29	ppb
Calcium	43-1	3239.29	3289.84	3240.87	3256.67	0.88	ppb
Calcium	44-1	3230.87	3229.56	3243.67	3234.70	0.24	ppb
Chromium	52-2	58.46	58.48	58.16	58.37	0.31	ppb
Cobalt	59-2	35.06	34.07	34.60	34.58	1.43	ppb
Copper	63-2	43.68	43.44	43.68	43.60	0.32	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				98		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	60815.93	59912.04	60456.80	60394.92	0.75	ppb
Iron	57-2	59063.48	58726.18	59150.16	58979.94	0.38	ppb
Lead	206-1	35.49	35.47	35.47	35.48	0.03	ppb
Lead	207-1	31.31	31.47	31.10	31.29	0.59	ppb
Lead	208-1	33.32	33.46	33.19	33.33	0.40	ppb
Lithium	6-1				97		%
Magnesium	24-2	10722.57	10664.45	10664.60	10683.88	0.31	ppb
Manganese	55-2	1461.93	1442.22	1454.53	1452.89	0.69	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:12:38	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	28.96	29.07	29.54	29.19	1.06	ppb
Molybdenum	95-1	1.09	0.99	1.03	1.04	5.04	ppb
Molybdenum	96-1	4.71	4.84	4.65	4.73	2.14	ppb
Molybdenum	97-1	1.06	1.13	0.96	1.05	8.12	ppb
Molybdenum	98-1	1.08	1.07	1.06	1.07	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.52	64.85	66.32	65.89	1.39	ppb
Phosphorus	31-2	1855.28	1787.40	1842.77	1828.48	1.98	ppb
Potassium	39-2	3119.06	3090.15	3104.70	3104.63	0.47	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	18.60	15.84	17.08	17.17	8.05	ppb
Selenium	78-2	4.45	1.90	2.01	2.78	51.76	ppb
Selenium	82-1	1.14	0.85	0.80	0.93	19.72	ppb
Silicon	28-1	4027.00	4065.53	4026.48	4039.67	0.55	ppb
Silver	109-1	0.03	0.06	0.04	0.04	30.72	ppb
Silver	107-1	0.07	0.06	0.07	0.07	4.63	ppb
Sodium	23-2	1848.84	1835.68	1858.10	1847.54	0.61	ppb
Strontium	86-1	54.76	54.01	55.25	54.68	1.14	ppb
Strontium	88-1	54.31	54.15	54.11	54.19	0.19	ppb
Sulfur	34-1	-5595.95	-5568.18	-5714.71	-5626.28		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.29	0.31	0.31	0.30	4.84	ppb
Thallium	205-1	0.32	0.29	0.34	0.32	6.90	ppb
Tin	118-1	0.46	0.46	0.41	0.44	6.38	ppb
Titanium	47-1	835.53	838.89	839.59	838.00	0.26	ppb
Uranium	238-1	2.14	2.14	2.20	2.16	1.56	ppb
Vanadium	51-2	69.20	68.30	68.74	68.75	0.65	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	101.48	101.44	102.71	101.88	0.71	ppb
Zirconium	90-1	18.39	18.72	18.88	18.66	1.34	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:12:38	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	19.07	18.71	18.92	18.90	0.95	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:25:26	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49704.87	54082.97	50509.71	51432.52	4.53	ppb
Antimony	121-1	486.75	486.92	491.03	488.24	0.50	ppb
Arsenic	75-2	502.30	534.92	506.60	514.61	3.44	ppb
Barium	135-1	2458.32	2469.74	2479.63	2469.23	0.43	ppb
Barium	137-1	2502.93	2509.56	2530.73	2514.41	0.58	ppb
Beryllium	9-1	523.53	526.97	525.33	525.28	0.33	ppb
Bismuth	209-1				92		%
Bismuth	209-2				86		%
Boron	10-1	507.02	501.87	510.01	506.30	0.81	ppb
Boron	11-1	508.78	513.66	519.20	513.88	1.01	ppb
Cadmium	111-1	472.88	474.93	478.22	475.34	0.57	ppb
Cadmium	106-1	493.50	476.73	483.96	484.73	1.74	ppb
Cadmium	108-1	478.21	485.62	489.31	484.38	1.17	ppb
Calcium	43-1	241655.84	244377.44	242311.66	242781.65	0.59	ppb
Calcium	44-1	241226.31	243595.12	243321.67	242714.37	0.53	ppb
Chromium	52-2	516.99	558.25	523.63	532.96	4.16	ppb
Cobalt	59-2	489.71	529.47	493.29	504.16	4.36	ppb
Copper	63-2	958.05	1036.49	965.80	986.78	4.38	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				98		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	56-2	127438.49	139042.13	128551.72	131677.45	4.86	ppb
Iron	57-2	128582.67	137305.62	128913.16	131600.48	3.76	ppb
Lead	206-1	495.31	497.98	496.83	496.70	0.27	ppb
Lead	207-1	490.96	491.37	493.10	491.81	0.23	ppb
Lead	208-1	497.37	499.23	498.93	498.51	0.20	ppb
Lithium	6-1				94		%
Magnesium	24-2	250989.95	274182.37	254336.41	259836.24	4.82	ppb
Manganese	55-2	996.61	1085.53	1012.23	1031.46	4.60	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:25:26	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2492.50	2510.04	2497.79	2500.11	0.36	ppb
Molybdenum	95-1	2498.98	2505.93	2491.11	2498.67	0.30	ppb
Molybdenum	96-1	2510.84	2511.81	2501.36	2508.01	0.23	ppb
Molybdenum	97-1	2507.99	2462.38	2455.58	2475.32	1.15	ppb
Molybdenum	98-1	2508.09	2522.57	2491.71	2507.45	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.85	538.45	500.55	511.62	4.56	ppb
Phosphorus	31-2	10332.15	10829.36	10318.40	10493.30	2.77	ppb
Potassium	39-2	126008.27	137814.80	127371.22	130398.10	4.95	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	481.51	548.05	514.06	514.54	6.47	ppb
Selenium	78-2	497.90	542.72	511.94	517.52	4.43	ppb
Selenium	82-1	483.38	484.78	477.52	481.90	0.80	ppb
Silicon	28-1	573.76	595.49	595.84	588.36	2.15	ppb
Silver	109-1	478.13	479.62	485.02	480.92	0.75	ppb
Silver	107-1	473.40	480.26	480.51	478.05	0.84	ppb
Sodium	23-2	254954.28	277323.54	256019.95	262765.92	4.80	ppb
Strontium	86-1	501.85	500.20	502.00	501.35	0.20	ppb
Strontium	88-1	512.82	513.60	512.52	512.98	0.11	ppb
Sulfur	34-1	9941.26	10175.32	10275.72	10130.77	1.69	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	506.11	505.78	501.83	504.57	0.47	ppb
Thallium	205-1	516.60	517.29	511.71	515.20	0.59	ppb
Tin	118-1	478.82	481.42	486.97	482.40	0.86	ppb
Titanium	47-1	2469.99	2476.45	2463.20	2469.88	0.27	ppb
Uranium	238-1	510.53	516.11	515.26	513.97	0.58	ppb
Vanadium	51-2	502.66	547.04	509.59	519.76	4.59	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	954.11	1045.83	958.74	986.23	5.24	ppb
Zirconium	90-1	502.58	508.18	508.78	506.51	0.67	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:25:26	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	489.56	490.09	496.98	492.21	0.84	ppb

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : CCB63 Instrumnet Name : P7
 Client Sample ID : CCB63 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 16:30:33 DataFile Name : 053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	0.28	1.25	0.60	92.83	ppb
Antimony	121-1	0.23	0.26	0.34	0.27	20.05	ppb
Arsenic	75-2	-0.06	-0.05	-0.06	-0.06		ppb
Barium	135-1	-0.03	-0.01	-0.05	-0.03		ppb
Barium	137-1	-0.04	-0.05	-0.05	-0.05		ppb
Beryllium	9-1	0.11	0.13	0.07	0.10	26.33	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	5.78	6.15	7.49	6.47	13.93	ppb
Boron	11-1	7.12	7.12	5.95	6.73	10.06	ppb
Cadmium	111-1	-0.31	-0.32	-0.19	-0.27		ppb
Cadmium	106-1	-4.18	-4.04	-2.51	-3.58		ppb
Cadmium	108-1	0.00	0.00	-0.06	-0.02		ppb
Calcium	43-1	-13.91	-12.80	-12.12	-12.94		ppb
Calcium	44-1	-17.23	-15.98	-16.73	-16.64		ppb
Chromium	52-2	-0.01	-0.04	-0.05	-0.03		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.12	-0.14	-0.17	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	3.14	2.79	2.61	2.85	9.58	ppb
Iron	57-2	1.88	2.05	1.52	1.82	14.98	ppb
Lead	206-1	0.04	0.05	0.04	0.04	8.18	ppb
Lead	207-1	0.02	0.03	0.03	0.03	25.90	ppb
Lead	208-1	0.03	0.04	0.04	0.04	11.85	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.79	-0.54	-0.66	-0.13		ppb
Manganese	55-2	-0.01	0.00	-0.03	-0.01		ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:30:33	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.06	0.10	0.09	30.71	ppb
Molybdenum	95-1	0.06	0.11	0.10	0.09	30.80	ppb
Molybdenum	96-1	0.12	0.13	0.10	0.12	12.16	ppb
Molybdenum	97-1	0.14	0.09	0.06	0.10	40.23	ppb
Molybdenum	98-1	0.12	0.11	0.09	0.11	13.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.15	-0.11	-0.14		ppb
Phosphorus	31-2	-41.11	-61.44	-46.21	-49.59		ppb
Potassium	39-2	0.88	3.31	11.47	5.22	106.29	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	0.64	0.63	-0.60	0.22	319.25	ppb
Selenium	78-2	-1.02	-0.45	-0.44	-0.64		ppb
Selenium	82-1	0.20	-0.31	0.46	0.12	336.08	ppb
Silicon	28-1	-13.19	-14.81	-15.66	-14.56		ppb
Silver	109-1	0.00	0.01	0.02	0.01	61.83	ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.95	ppb
Sodium	23-2	15.67	19.45	20.32	18.48	13.36	ppb
Strontium	86-1	-0.13	-0.10	-0.07	-0.10		ppb
Strontium	88-1	-0.07	-0.07	-0.07	-0.07		ppb
Sulfur	34-1	-1221.11	-1634.46	-1645.38	-1500.32		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.07	0.04	0.04	0.05	38.50	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	12.54	ppb
Tin	118-1	0.00	0.00	0.01	0.00	675.94	ppb
Titanium	47-1	0.08	-0.05	0.02	0.02	355.87	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	2452.35	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	0.38	0.29	0.22	0.30	27.25	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	54.45	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:30:33	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	-0.01	0.00	666.16	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02LDLX10	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-05-22 16:36:04	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7999.56	8039.08	8107.94	8048.86	0.68	ppb
Antimony	121-1	0.08	0.10	0.09	0.09	11.38	ppb
Arsenic	75-2	2.17	2.10	2.35	2.20	5.91	ppb
Barium	135-1	20.46	20.91	20.71	20.70	1.08	ppb
Barium	137-1	20.91	20.82	20.65	20.80	0.63	ppb
Beryllium	9-1	0.41	0.44	0.38	0.41	8.17	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	4.60	5.05	5.04	4.90	5.24	ppb
Boron	11-1	4.87	5.30	5.55	5.24	6.49	ppb
Cadmium	111-1	-0.14	-0.29	-0.28	-0.24		ppb
Cadmium	106-1	-1.82	-3.54	-3.90	-3.08		ppb
Cadmium	108-1	0.31	0.68	0.53	0.51	36.33	ppb
Calcium	43-1	642.84	630.32	635.82	636.33	0.99	ppb
Calcium	44-1	617.68	602.20	614.27	611.39	1.33	ppb
Chromium	52-2	11.64	11.39	11.41	11.48	1.20	ppb
Cobalt	59-2	6.89	6.94	6.76	6.86	1.32	ppb
Copper	63-2	8.66	8.59	8.62	8.62	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	11857.83	11805.07	11898.85	11853.92	0.40	ppb
Iron	57-2	11456.98	11460.38	11473.08	11463.48	0.07	ppb
Lead	206-1	6.71	6.81	6.85	6.79	1.07	ppb
Lead	207-1	6.06	6.00	5.82	5.96	2.04	ppb
Lead	208-1	6.37	6.32	6.32	6.34	0.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	2097.28	2079.98	2103.57	2093.61	0.58	ppb
Manganese	55-2	285.32	283.09	287.25	285.22	0.73	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02LDLX10	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-05-22 16:36:04	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.75	5.74	5.87	5.79	1.26	ppb
Molybdenum	95-1	0.17	0.16	0.20	0.18	9.46	ppb
Molybdenum	96-1	0.94	0.89	0.99	0.94	5.58	ppb
Molybdenum	97-1	0.21	0.16	0.17	0.18	15.31	ppb
Molybdenum	98-1	0.17	0.16	0.20	0.17	11.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.91	13.21	13.24	13.12	1.37	ppb
Phosphorus	31-2	294.25	308.70	393.73	332.23	16.18	ppb
Potassium	39-2	596.65	606.04	605.78	602.83	0.89	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	4.79	6.06	1.21	4.02	62.51	ppb
Selenium	78-2	0.53	1.18	0.87	0.86	37.72	ppb
Selenium	82-1	0.21	0.17	-0.57	-0.06		ppb
Silicon	28-1	590.89	582.03	581.04	584.65	0.93	ppb
Silver	109-1	0.01	0.02	0.01	0.01	46.49	ppb
Silver	107-1	0.01	0.01	0.02	0.01	49.25	ppb
Sodium	23-2	367.65	371.46	370.61	369.90	0.54	ppb
Strontium	86-1	10.71	10.51	10.62	10.62	0.93	ppb
Strontium	88-1	10.71	10.72	10.68	10.70	0.19	ppb
Sulfur	34-1	-2115.53	-2233.20	-2209.80	-2186.18		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.08	0.08	0.08	5.95	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	7.27	ppb
Tin	118-1	0.09	0.13	0.10	0.11	16.84	ppb
Titanium	47-1	146.60	149.69	147.30	147.86	1.10	ppb
Uranium	238-1	0.39	0.39	0.40	0.40	1.67	ppb
Vanadium	51-2	13.20	13.48	13.24	13.31	1.13	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	19.74	19.86	19.84	19.81	0.33	ppb
Zirconium	90-1	3.85	3.76	3.85	3.82	1.41	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02LDLX10	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-05-22 16:36:04	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.74	3.81	3.95	3.84	2.83	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:39:37	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46862.10	47378.95	46333.18	46858.08	1.12	ppb
Antimony	121-1	80.03	80.83	80.64	80.50	0.52	ppb
Arsenic	75-2	231.03	235.34	236.09	234.15	1.17	ppb
Barium	135-1	1311.24	1324.12	1305.30	1313.55	0.73	ppb
Barium	137-1	1325.60	1345.82	1325.30	1332.24	0.88	ppb
Beryllium	9-1	246.30	249.10	247.78	247.73	0.56	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	250.80	260.91	256.43	256.04	1.98	ppb
Boron	11-1	253.54	253.71	259.09	255.45	1.23	ppb
Cadmium	111-1	237.20	235.40	237.52	236.71	0.48	ppb
Cadmium	106-1	243.14	241.29	239.90	241.44	0.67	ppb
Cadmium	108-1	238.86	244.97	246.37	243.40	1.64	ppb
Calcium	43-1	26451.91	26569.74	26581.83	26534.49	0.27	ppb
Calcium	44-1	26934.07	27126.65	27052.96	27037.90	0.36	ppb
Chromium	52-2	294.62	293.85	290.15	292.88	0.82	ppb
Cobalt	59-2	265.19	264.38	261.23	263.60	0.79	ppb
Copper	63-2	521.54	521.24	515.85	519.54	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	68263.38	68510.22	67092.88	67955.49	1.11	ppb
Iron	57-2	66874.66	67415.90	65862.51	66717.69	1.18	ppb
Lead	206-1	266.67	265.36	267.35	266.46	0.38	ppb
Lead	207-1	250.32	251.24	252.76	251.44	0.49	ppb
Lead	208-1	260.96	259.45	261.41	260.60	0.39	ppb
Lithium	6-1				97		%
Magnesium	24-2	35775.46	35941.08	35430.97	35715.84	0.73	ppb
Manganese	55-2	1729.36	1738.47	1704.61	1724.15	1.02	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:39:37	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1128.80	1128.06	1160.71	1139.19	1.64	ppb
Molybdenum	95-1	1105.68	1094.12	1132.58	1110.79	1.78	ppb
Molybdenum	96-1	1119.81	1110.00	1141.19	1123.67	1.42	ppb
Molybdenum	97-1	1096.31	1083.42	1109.46	1096.39	1.19	ppb
Molybdenum	98-1	1130.90	1116.55	1139.00	1128.82	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	296.81	297.75	295.01	296.53	0.47	ppb
Phosphorus	31-2	1726.28	1759.02	1727.76	1737.69	1.06	ppb
Potassium	39-2	15689.58	15689.83	15510.31	15629.90	0.66	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	244.73	249.22	241.46	245.14	1.59	ppb
Selenium	78-2	221.89	225.81	222.44	223.38	0.95	ppb
Selenium	82-1	216.76	213.83	217.21	215.93	0.85	ppb
Silicon	28-1	4066.21	4101.61	4090.83	4086.21	0.44	ppb
Silver	109-1	212.00	212.33	213.03	212.45	0.25	ppb
Silver	107-1	211.08	212.82	212.33	212.08	0.42	ppb
Sodium	23-2	26184.04	26305.59	25843.30	26110.98	0.92	ppb
Strontium	86-1	285.35	280.10	281.72	282.39	0.95	ppb
Strontium	88-1	290.01	288.66	293.04	290.57	0.77	ppb
Sulfur	34-1	-2715.51	-2809.71	-2809.35	-2778.19		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	235.84	233.00	234.71	234.51	0.61	ppb
Thallium	205-1	239.54	237.58	239.44	238.86	0.46	ppb
Tin	118-1	152.64	154.48	153.72	153.62	0.60	ppb
Titanium	47-1	2174.40	2188.68	2161.92	2175.00	0.62	ppb
Uranium	238-1	237.01	238.92	237.26	237.73	0.44	ppb
Vanadium	51-2	306.25	306.90	299.92	304.36	1.27	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	573.66	572.00	559.85	568.51	1.33	ppb
Zirconium	90-1	243.27	244.11	244.39	243.92	0.24	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:39:37	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	242.30	240.50	245.23	242.68	0.98	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSDDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:43:10	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50939.33	51554.25	51620.31	51371.30	0.73	ppb
Antimony	121-1	78.44	76.94	77.08	77.49	1.07	ppb
Arsenic	75-2	240.32	234.72	236.18	237.07	1.23	ppb
Barium	135-1	1350.68	1340.74	1334.46	1341.96	0.61	ppb
Barium	137-1	1373.89	1351.88	1356.23	1360.67	0.86	ppb
Beryllium	9-1	250.86	250.29	250.11	250.42	0.16	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	262.46	265.00	263.48	263.65	0.48	ppb
Boron	11-1	259.37	261.85	269.57	263.59	2.02	ppb
Cadmium	111-1	243.50	239.39	237.60	240.17	1.26	ppb
Cadmium	106-1	247.14	238.96	247.05	244.38	1.92	ppb
Cadmium	108-1	247.85	247.20	240.90	245.31	1.57	ppb
Calcium	43-1	27061.88	27376.17	27008.30	27148.78	0.73	ppb
Calcium	44-1	27786.52	27689.78	27602.74	27693.02	0.33	ppb
Chromium	52-2	305.27	304.42	303.42	304.37	0.30	ppb
Cobalt	59-2	269.36	270.83	270.61	270.26	0.29	ppb
Copper	63-2	527.87	527.56	529.42	528.29	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	74288.95	74577.68	74232.02	74366.21	0.25	ppb
Iron	57-2	72993.00	73766.55	73548.58	73436.05	0.54	ppb
Lead	206-1	279.10	276.71	275.65	277.15	0.64	ppb
Lead	207-1	262.15	260.87	260.65	261.22	0.31	ppb
Lead	208-1	272.33	270.22	270.02	270.86	0.47	ppb
Lithium	6-1				98		%
Magnesium	24-2	37394.30	37448.95	37342.95	37395.40	0.14	ppb
Manganese	55-2	1648.02	1645.70	1636.52	1643.41	0.37	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSDDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:43:10	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1143.78	1151.14	1149.67	1148.20	0.34	ppb
Molybdenum	95-1	1096.33	1104.54	1114.81	1105.23	0.84	ppb
Molybdenum	96-1	1109.30	1116.00	1128.77	1118.02	0.88	ppb
Molybdenum	97-1	1087.99	1090.66	1109.51	1096.05	1.07	ppb
Molybdenum	98-1	1119.63	1124.22	1135.43	1126.43	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	306.92	307.42	306.03	306.79	0.23	ppb
Phosphorus	31-2	1824.81	1947.90	1781.17	1851.29	4.67	ppb
Potassium	39-2	15979.79	16132.75	16083.95	16065.50	0.49	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	279.27	242.65	252.34	258.08	7.35	ppb
Selenium	78-2	230.52	229.79	239.88	233.40	2.41	ppb
Selenium	82-1	218.92	217.73	219.44	218.70	0.40	ppb
Silicon	28-1	3926.56	3966.37	3920.23	3937.72	0.64	ppb
Silver	109-1	219.64	216.02	215.15	216.93	1.10	ppb
Silver	107-1	216.49	215.92	213.25	215.22	0.80	ppb
Sodium	23-2	26859.72	26980.06	26755.45	26865.08	0.42	ppb
Strontium	86-1	287.63	292.23	290.43	290.09	0.80	ppb
Strontium	88-1	296.66	298.19	298.28	297.71	0.31	ppb
Sulfur	34-1	-3728.45	-3842.22	-3891.66	-3820.78		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	242.45	240.17	240.42	241.01	0.52	ppb
Thallium	205-1	244.03	244.17	242.76	243.66	0.32	ppb
Tin	118-1	154.01	152.48	151.19	152.56	0.92	ppb
Titanium	47-1	2381.20	2385.19	2382.34	2382.91	0.09	ppb
Uranium	238-1	244.37	242.49	242.57	243.14	0.44	ppb
Vanadium	51-2	316.34	316.29	317.90	316.84	0.29	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	582.64	584.42	579.73	582.26	0.41	ppb
Zirconium	90-1	251.09	250.49	251.93	251.17	0.29	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSDDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:43:10	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	250.57	250.75	250.59	250.64	0.04	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02ADLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:46:44	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49622.13	49377.63	48960.77	49320.18	0.68	ppb
Antimony	121-1	78.75	78.50	78.51	78.58	0.18	ppb
Arsenic	75-2	236.28	233.20	237.07	235.52	0.87	ppb
Barium	135-1	1333.75	1332.93	1338.34	1335.01	0.22	ppb
Barium	137-1	1355.12	1347.72	1355.92	1352.92	0.33	ppb
Beryllium	9-1	252.01	246.28	248.94	249.08	1.15	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	261.33	263.60	273.25	266.06	2.38	ppb
Boron	11-1	264.67	263.36	269.47	265.83	1.21	ppb
Cadmium	111-1	241.27	239.96	239.62	240.29	0.36	ppb
Cadmium	106-1	240.34	242.27	237.41	240.01	1.02	ppb
Cadmium	108-1	242.75	235.50	238.56	238.94	1.52	ppb
Calcium	43-1	26941.86	26943.85	26817.91	26901.21	0.27	ppb
Calcium	44-1	27540.94	27476.05	27543.02	27520.00	0.14	ppb
Chromium	52-2	299.05	298.27	296.63	297.98	0.41	ppb
Cobalt	59-2	268.93	266.77	265.79	267.16	0.60	ppb
Copper	63-2	526.77	528.55	523.28	526.20	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	71599.05	71929.76	70726.29	71418.37	0.87	ppb
Iron	57-2	69988.45	70530.71	69558.76	70025.97	0.70	ppb
Lead	206-1	275.01	275.93	274.52	275.15	0.26	ppb
Lead	207-1	259.23	261.44	259.27	259.98	0.49	ppb
Lead	208-1	268.72	269.42	267.78	268.64	0.31	ppb
Lithium	6-1				98		%
Magnesium	24-2	36990.41	36680.64	36478.57	36716.54	0.70	ppb
Manganese	55-2	1682.76	1688.39	1683.03	1684.73	0.19	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02ADLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:46:44	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1149.88	1141.92	1149.32	1147.04	0.39	ppb
Molybdenum	95-1	1111.34	1111.87	1111.68	1111.63	0.02	ppb
Molybdenum	96-1	1118.24	1124.53	1129.33	1124.03	0.49	ppb
Molybdenum	97-1	1100.94	1098.54	1099.80	1099.76	0.11	ppb
Molybdenum	98-1	1127.03	1137.20	1138.53	1134.25	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	304.14	302.68	301.26	302.69	0.48	ppb
Phosphorus	31-2	1825.19	1738.65	1762.62	1775.49	2.52	ppb
Potassium	39-2	16013.09	15851.94	15788.17	15884.40	0.73	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	236.69	255.11	239.95	243.92	4.03	ppb
Selenium	78-2	227.11	225.19	226.60	226.30	0.44	ppb
Selenium	82-1	216.59	217.74	219.74	218.02	0.73	ppb
Silicon	28-1	3821.21	3824.33	3816.14	3820.56	0.11	ppb
Silver	109-1	215.35	214.26	215.69	215.10	0.35	ppb
Silver	107-1	212.63	214.32	212.71	213.22	0.45	ppb
Sodium	23-2	26635.93	26507.75	26383.83	26509.17	0.48	ppb
Strontium	86-1	290.65	288.01	288.50	289.05	0.49	ppb
Strontium	88-1	297.60	294.10	295.01	295.57	0.61	ppb
Sulfur	34-1	-4225.16	-4268.27	-4348.97	-4280.80		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	240.38	240.07	239.75	240.07	0.13	ppb
Thallium	205-1	244.93	242.66	242.59	243.40	0.55	ppb
Tin	118-1	155.22	153.74	155.36	154.77	0.58	ppb
Titanium	47-1	2278.71	2272.68	2281.28	2277.56	0.19	ppb
Uranium	238-1	242.67	240.03	244.40	242.37	0.91	ppb
Vanadium	51-2	312.95	313.72	311.00	312.55	0.45	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	584.00	576.58	573.49	578.02	0.94	ppb
Zirconium	90-1	250.19	250.24	250.81	250.42	0.14	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02ADLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:46:44	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	247.68	247.79	248.10	247.86	0.09	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:57:36	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50863.71	50712.18	51058.16	50878.02	0.34	ppb
Antimony	121-1	495.33	499.41	503.96	499.57	0.86	ppb
Arsenic	75-2	511.58	514.75	514.08	513.47	0.33	ppb
Barium	135-1	2506.51	2537.56	2535.10	2526.39	0.68	ppb
Barium	137-1	2550.59	2575.74	2587.84	2571.39	0.74	ppb
Beryllium	9-1	524.54	524.37	528.79	525.90	0.48	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	510.36	519.60	524.18	518.05	1.36	ppb
Boron	11-1	510.66	524.60	527.78	521.01	1.75	ppb
Cadmium	111-1	484.39	486.14	489.50	486.68	0.53	ppb
Cadmium	106-1	499.26	493.09	501.36	497.90	0.86	ppb
Cadmium	108-1	492.16	497.17	499.68	496.34	0.77	ppb
Calcium	43-1	247307.12	246344.59	248656.54	247436.08	0.47	ppb
Calcium	44-1	247084.06	246625.99	248764.39	247491.48	0.45	ppb
Chromium	52-2	527.59	529.64	528.00	528.41	0.21	ppb
Cobalt	59-2	495.90	497.04	498.81	497.25	0.29	ppb
Copper	63-2	971.25	975.60	979.29	975.38	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				97		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	129904.23	130354.42	130628.95	130295.87	0.28	ppb
Iron	57-2	131197.41	130538.60	130697.07	130811.03	0.26	ppb
Lead	206-1	507.20	506.01	508.63	507.28	0.26	ppb
Lead	207-1	500.38	500.08	499.70	500.05	0.07	ppb
Lead	208-1	508.71	508.51	508.56	508.59	0.02	ppb
Lithium	6-1				94		%
Magnesium	24-2	258983.80	259013.53	258093.04	258696.79	0.20	ppb
Manganese	55-2	1018.04	1019.82	1017.84	1018.57	0.11	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:57:36	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2542.31	2542.41	2552.61	2545.78	0.23	ppb
Molybdenum	95-1	2548.41	2544.18	2560.91	2551.17	0.34	ppb
Molybdenum	96-1	2556.34	2548.19	2566.30	2556.94	0.35	ppb
Molybdenum	97-1	2494.99	2499.68	2557.11	2517.26	1.37	ppb
Molybdenum	98-1	2550.63	2562.68	2586.37	2566.56	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.59	507.63	509.97	508.06	0.34	ppb
Phosphorus	31-2	10178.55	10124.72	10637.34	10313.53	2.73	ppb
Potassium	39-2	128842.59	128885.30	129004.23	128910.71	0.06	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	540.13	531.42	495.80	522.45	4.50	ppb
Selenium	78-2	507.63	508.28	513.60	509.84	0.64	ppb
Selenium	82-1	486.11	487.43	493.24	488.93	0.78	ppb
Silicon	28-1	593.25	606.42	612.50	604.06	1.63	ppb
Silver	109-1	488.25	490.50	493.12	490.62	0.50	ppb
Silver	107-1	486.59	488.12	493.78	489.50	0.77	ppb
Sodium	23-2	260657.38	261958.19	261580.51	261398.69	0.26	ppb
Strontium	86-1	511.61	512.10	510.20	511.31	0.19	ppb
Strontium	88-1	522.42	521.69	524.41	522.84	0.27	ppb
Sulfur	34-1	9856.30	9669.72	9764.98	9763.67	0.96	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	520.09	517.28	519.82	519.06	0.30	ppb
Thallium	205-1	530.10	528.17	528.83	529.03	0.18	ppb
Tin	118-1	492.67	492.80	500.67	495.38	0.93	ppb
Titanium	47-1	2522.47	2501.79	2528.43	2517.56	0.56	ppb
Uranium	238-1	526.01	531.23	528.77	528.67	0.49	ppb
Vanadium	51-2	513.29	513.42	515.38	514.03	0.23	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	972.04	973.31	974.04	973.13	0.10	ppb
Zirconium	90-1	512.83	515.07	515.16	514.35	0.26	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:57:36	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.76	499.38	497.22	498.12	0.23	ppb

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : CCB64 Instrumnet Name : P7
 Client Sample ID : CCB64 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 17:01:11 DataFile Name : 059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.14	1.77	1.64	1.85	13.96	ppb
Antimony	121-1	0.42	0.40	0.44	0.42	4.38	ppb
Arsenic	75-2	0.00	-0.03	-0.03	-0.02		ppb
Barium	135-1	-0.03	-0.04	0.01	-0.02		ppb
Barium	137-1	-0.03	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.13	0.13	0.11	0.12	6.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	11.35	10.26	10.89	10.83	5.07	ppb
Boron	11-1	12.05	11.12	9.92	11.03	9.69	ppb
Cadmium	111-1	-0.23	-0.26	-0.35	-0.28		ppb
Cadmium	106-1	-2.86	-3.34	-4.53	-3.58		ppb
Cadmium	108-1	0.06	-0.06	-0.06	-0.02		ppb
Calcium	43-1	-10.22	-12.13	-12.56	-11.63		ppb
Calcium	44-1	-17.61	-18.03	-18.38	-18.01		ppb
Chromium	52-2	-0.01	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.10	-0.14	-0.12	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	6.84	5.79	5.81	6.15	9.76	ppb
Iron	57-2	3.68	7.18	5.74	5.53	31.80	ppb
Lead	206-1	0.09	0.07	0.09	0.08	14.13	ppb
Lead	207-1	0.07	0.06	0.07	0.07	7.35	ppb
Lead	208-1	0.08	0.07	0.07	0.07	2.62	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.28	-0.10	-0.73	-0.18		ppb
Manganese	55-2	-0.04	-0.04	-0.03	-0.04		ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 17:01:11	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.17	0.12	0.15	22.18	ppb
Molybdenum	95-1	0.28	0.24	0.18	0.23	20.80	ppb
Molybdenum	96-1	0.27	0.20	0.25	0.24	13.45	ppb
Molybdenum	97-1	0.31	0.20	0.20	0.24	26.38	ppb
Molybdenum	98-1	0.26	0.19	0.20	0.22	16.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.15	-0.12	-0.12		ppb
Phosphorus	31-2	-29.77	-45.61	-54.80	-43.39		ppb
Potassium	39-2	7.44	4.16	10.59	7.40	43.46	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	0.03	-0.60	-0.60	-0.39		ppb
Selenium	78-2	-0.03	-0.30	-0.71	-0.35		ppb
Selenium	82-1	0.54	-0.12	-0.20	0.07	557.46	ppb
Silicon	28-1	-18.88	-18.70	-19.17	-18.92		ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.44	ppb
Silver	107-1	0.01	0.00	0.00	0.01	114.98	ppb
Sodium	23-2	40.58	44.98	37.03	40.86	9.76	ppb
Strontium	86-1	-0.03	-0.11	-0.10	-0.08		ppb
Strontium	88-1	-0.07	-0.07	-0.07	-0.07		ppb
Sulfur	34-1	-1953.62	-1869.07	-1920.61	-1914.43		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.12	0.12	0.08	0.11	21.54	ppb
Thallium	205-1	0.14	0.12	0.10	0.12	18.13	ppb
Tin	118-1	0.08	0.04	0.06	0.06	30.10	ppb
Titanium	47-1	0.08	0.06	-0.02	0.04	141.97	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	689.23	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.26	0.12	0.26	0.22	37.30	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	69.35	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 17:01:11	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.00	0.02	134.88	ppb

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:45:04	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	50	67	75	40.06	cps
Antimony	121-1	92	83	83	86	5.58	cps
Arsenic	75-2	31	22	19	24	27.73	cps
Barium	135-1	217	183	175	192	11.50	cps
Barium	137-1	417	292	292	333	21.65	cps
Beryllium	9-1	128	156	167	150	13.35	cps
Bismuth	209-1	7834432	7822706	7760120	7805753	0.51	cps
Bismuth	209-2	5093673	5055537	5147678	5098963	0.91	cps
Boron	10-1	192	225	150	189	19.89	cps
Boron	11-1	875	842	1033	917	11.17	cps
Cadmium	111-1	3024	2778	2544	2782	8.62	cps
Cadmium	106-1	4251	3917	3626	3931	7.96	cps
Cadmium	108-1	8	21	21	17	43.31	cps
Calcium	43-1	367	525	433	442	18.00	cps
Calcium	44-1	13824	13048	12948	13273	3.61	cps
Chromium	52-2	213	237	203	218	7.85	cps
Cobalt	59-2	123	70	83	92	30.10	cps
Copper	63-2	1407	1233	1260	1300	7.18	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	125	50	72	63.55	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	92	158	83	111	37.00	cps
Gadolinium	160-2	127	150	153	143	10.14	cps
Holmium	165-1	12214294	12172595	12146292	12177727	0.28	cps
Holmium	165-2	6844593	6830802	6886289	6853895	0.42	cps
Indium	115-1	9128982	9069422	9054062	9084155	0.44	cps
Indium	115-2	2036341	2030540	2067066	2044649	0.96	cps
Iron	56-2	7480	7630	8659	7923	8.10	cps
Iron	57-2	539	467	406	470	14.19	cps
Lead	206-1	544	644	433	541	19.53	cps
Lead	207-1	556	506	489	517	6.72	cps
Lead	208-1	2167	2383	2089	2213	6.89	cps
Lithium	6-1	1883799	1884747	1859859	1876135	0.75	cps
Magnesium	24-2	975	908	942	942	3.54	cps
Manganese	55-2	180	167	157	168	6.98	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:45:04	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	450	492	475	472	4.44	cps
Molybdenum	95-1	300	500	375	392	25.80	cps
Molybdenum	96-1	308	417	408	378	15.96	cps
Molybdenum	97-1	233	192	225	217	10.18	cps
Molybdenum	98-1	558	608	567	578	4.64	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	213	207	233	218	6.37	cps
Phosphorus	31-2	417	400	425	414	3.08	cps
Potassium	39-2	37924	36304	37875	37368	2.47	cps
Rhodium	103-1	8527785	8506350	8489505	8507880	0.23	cps
Rhodium	103-2	4160579	4146763	4203660	4170334	0.71	cps
Scandium	45-1	5271614	5279477	5250264	5267118	0.29	cps
Scandium	45-2	247117	247855	252248	249073	1.11	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	78	70	89	79	11.80	cps
Selenium	82-1	-8	-59	133	22	448.24	cps
Silicon	28-1	437589	437409	436696	437231	0.11	cps
Silver	109-1	83	83	100	89	10.83	cps
Silver	107-1	125	133	225	161	34.44	cps
Sodium	23-2	14508	13857	14474	14280	2.57	cps
Strontium	86-1	1092	958	983	1011	7.01	cps
Strontium	88-1	1975	1817	1567	1786	11.53	cps
Sulfur	34-1	420617	418607	419446	419557	0.24	cps
Terbium	159-1	12539636	12470575	12375153	12461788	0.66	cps
Terbium	159-2	6807617	6590853	6789066	6729179	1.79	cps
Thallium	203-1	175	167	208	183	12.03	cps
Thallium	205-1	450	358	383	397	11.93	cps
Tin	118-1	1125	1108	1075	1103	2.31	cps
Titanium	47-1	125	108	158	131	19.50	cps
Uranium	238-1	508	558	417	494	14.53	cps
Vanadium	51-2	13	13	7	11	34.61	cps
Yttrium	89-1	9412887	9454057	9408862	9425269	0.27	cps
Yttrium	89-2	1500004	1487891	1515752	1501216	0.93	cps
Zinc	66-2	410	337	343	363	11.16	cps
Zirconium	90-1	725	717	650	697	5.90	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:45:04	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	133	192	158	18.98	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:53:22	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1417	1350	1342	1370	3.00	cps
Antimony	121-1	15317	14783	14333	14811	3.33	cps
Arsenic	75-2	341	317	272	310	11.22	cps
Barium	135-1	18204	17887	18046	18046	0.88	cps
Barium	137-1	31103	32456	31111	31556	2.47	cps
Beryllium	9-1	1461	1389	1700	1517	10.74	cps
Bismuth	209-1	7674150	7595137	7774836	7681374	1.17	cps
Bismuth	209-2	5210804	5165667	5130143	5168871	0.78	cps
Boron	10-1	3817	4151	3876	3948	4.51	cps
Boron	11-1	18145	18328	19004	18493	2.45	cps
Cadmium	111-1	4607	4255	4360	4407	4.10	cps
Cadmium	106-1	4117	3909	4001	4009	2.61	cps
Cadmium	108-1	221	188	183	197	10.42	cps
Calcium	43-1	10312	11021	10504	10613	3.46	cps
Calcium	44-1	172032	172824	175255	173370	0.97	cps
Chromium	52-2	4717	4961	4961	4880	2.88	cps
Cobalt	59-2	3741	3617	3541	3633	2.78	cps
Copper	63-2	6388	6345	6281	6338	0.85	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	83	67	50	67	25.00	cps
Erbium	164-2	23	10	23	19	40.75	cps
Gadolinium	160-1	83	108	100	97	13.09	cps
Gadolinium	160-2	173	163	160	166	4.19	cps
Holmium	165-1	11836449	11645985	11906807	11796413	1.14	cps
Holmium	165-2	6731504	6652945	6668834	6684428	0.62	cps
Indium	115-1	8922204	8819685	8957799	8899896	0.81	cps
Indium	115-2	2086270	2077299	2077907	2080492	0.24	cps
Iron	56-2	103008	100587	102371	101989	1.23	cps
Iron	57-2	2750	2795	3162	2902	7.78	cps
Lead	206-1	6263	6585	6474	6441	2.54	cps
Lead	207-1	5985	5296	5857	5713	6.42	cps
Lead	208-1	26572	25516	26128	26072	2.03	cps
Lithium	6-1	1911660	1898573	1947934	1919389	1.33	cps
Magnesium	24-2	73053	73414	73966	73478	0.63	cps
Manganese	55-2	1647	1653	1653	1651	0.23	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:53:22	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14775	14466	15351	14864	3.02	cps
Molybdenum	95-1	17728	17278	17520	17509	1.29	cps
Molybdenum	96-1	19113	19848	19664	19542	1.96	cps
Molybdenum	97-1	10746	10613	11313	10891	3.42	cps
Molybdenum	98-1	28905	28262	27653	28273	2.22	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1233	1083	1107	1141	7.07	cps
Phosphorus	31-2	417	375	467	419	10.94	cps
Potassium	39-2	117067	114346	115682	115698	1.18	cps
Rhodium	103-1	8335142	8254113	8398901	8329385	0.87	cps
Rhodium	103-2	4266427	4249708	4263318	4259817	0.21	cps
Scandium	45-1	5441770	5353156	5497541	5430822	1.34	cps
Scandium	45-2	255959	254322	253882	254721	0.43	cps
Selenium	77-2	37	33	37	36	5.42	cps
Selenium	78-2	159	178	187	175	8.10	cps
Selenium	82-1	626	557	456	546	15.67	cps
Silicon	28-1	503479	503652	502454	503195	0.13	cps
Silver	109-1	8953	8003	8836	8597	6.03	cps
Silver	107-1	8628	9337	9253	9073	4.27	cps
Sodium	23-2	148419	148898	146721	148013	0.77	cps
Strontium	86-1	3342	3426	3184	3317	3.70	cps
Strontium	88-1	20565	20999	22252	21272	4.12	cps
Sulfur	34-1	424218	422355	421629	422734	0.32	cps
Terbium	159-1	12134599	11961111	12204778	12100163	1.04	cps
Terbium	159-2	6680354	6589571	6588862	6619596	0.79	cps
Thallium	203-1	7261	7528	7311	7366	1.93	cps
Thallium	205-1	18113	17729	18622	18155	2.47	cps
Tin	118-1	28689	29649	28447	28928	2.20	cps
Titanium	47-1	5051	4726	4809	4862	3.47	cps
Uranium	238-1	24599	24608	25042	24750	1.02	cps
Vanadium	51-2	9056	8863	8729	8883	1.85	cps
Yttrium	89-1	9312879	9164039	9423552	9300157	1.40	cps
Yttrium	89-2	1543391	1522478	1521327	1529065	0.81	cps
Zinc	66-2	1227	1207	1133	1189	4.13	cps
Zirconium	90-1	13240	12873	12473	12862	2.98	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:53:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2859	2792	3000	2884	3.69	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:57:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69320	68725	70065	69370	0.97	cps
Antimony	121-1	400221	401254	399974	400483	0.17	cps
Arsenic	75-2	14424	14263	14504	14397	0.85	cps
Barium	135-1	489906	492207	492764	491625	0.31	cps
Barium	137-1	848008	844520	848968	847165	0.28	cps
Beryllium	9-1	74711	73774	74404	74296	0.64	cps
Bismuth	209-1	7658258	7645567	7637947	7647257	0.13	cps
Bismuth	209-2	5126335	5173005	5176465	5158602	0.54	cps
Boron	10-1	8027	8286	8419	8244	2.42	cps
Boron	11-1	38074	39711	40271	39352	2.90	cps
Cadmium	111-1	96748	97139	97719	97202	0.50	cps
Cadmium	106-1	13507	13866	14241	13871	2.65	cps
Cadmium	108-1	7427	7077	6839	7114	4.16	cps
Calcium	43-1	108975	108262	109402	108880	0.53	cps
Calcium	44-1	1771419	1766995	1772181	1770199	0.16	cps
Chromium	52-2	114916	114792	115421	115043	0.29	cps
Cobalt	59-2	188493	188609	187055	188052	0.46	cps
Copper	63-2	268161	267779	267695	267878	0.09	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	17	27	27	23	24.74	cps
Gadolinium	160-1	100	67	108	92	24.05	cps
Gadolinium	160-2	133	150	167	150	11.11	cps
Holmium	165-1	11814557	11646060	11725444	11728687	0.72	cps
Holmium	165-2	6660837	6650278	6683851	6664988	0.26	cps
Indium	115-1	8807519	8855303	8801599	8821474	0.33	cps
Indium	115-2	2046557	2042559	2048038	2045718	0.14	cps
Iron	56-2	4852719	4881186	4879586	4871164	0.33	cps
Iron	57-2	120776	118592	120809	120059	1.06	cps
Lead	206-1	319765	320290	318008	319355	0.37	cps
Lead	207-1	285090	285023	285143	285085	0.02	cps
Lead	208-1	1289945	1290309	1290398	1290217	0.02	cps
Lithium	6-1	1917965	1922731	1938334	1926343	0.55	cps
Magnesium	24-2	778892	779046	781130	779689	0.16	cps
Manganese	55-2	134353	134131	134784	134423	0.25	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:57:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	751293	748065	753506	750954	0.36	cps
Molybdenum	95-1	924235	917276	917268	919593	0.44	cps
Molybdenum	96-1	1025439	1021806	1022043	1023096	0.20	cps
Molybdenum	97-1	571361	573015	568634	571003	0.39	cps
Molybdenum	98-1	1489984	1486210	1477160	1484451	0.44	cps
Neodymium	150-1	40	53	40	44	17.33	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	50029	50410	50764	50401	0.73	cps
Phosphorus	31-2	4468	4468	4409	4448	0.76	cps
Potassium	39-2	457945	460308	457067	458440	0.37	cps
Rhodium	103-1	8221151	8130355	8133924	8161810	0.63	cps
Rhodium	103-2	4179313	4146101	4150205	4158540	0.44	cps
Scandium	45-1	5357085	5300417	5347401	5334968	0.57	cps
Scandium	45-2	248913	249543	251300	249918	0.49	cps
Selenium	77-2	290	293	287	290	1.15	cps
Selenium	78-2	1035	994	1067	1032	3.51	cps
Selenium	82-1	5514	5690	5738	5647	2.09	cps
Silicon	28-1	700177	697711	700489	699459	0.22	cps
Silver	109-1	447107	446753	444435	446098	0.33	cps
Silver	107-1	468046	460925	464154	464375	0.77	cps
Sodium	23-2	1456996	1445424	1463993	1455471	0.64	cps
Strontium	86-1	120360	117670	118771	118934	1.14	cps
Strontium	88-1	1025961	1037033	1030490	1031161	0.54	cps
Sulfur	34-1	455980	454031	455816	455276	0.24	cps
Terbium	159-1	12027114	11953483	12065624	12015407	0.47	cps
Terbium	159-2	6626953	6576189	6630054	6611065	0.46	cps
Thallium	203-1	388357	386518	385564	386813	0.37	cps
Thallium	205-1	940392	939464	934009	937955	0.37	cps
Tin	118-1	305052	303968	305127	304716	0.21	cps
Titanium	47-1	252295	253103	254019	253139	0.34	cps
Uranium	238-1	1304828	1299109	1303547	1302495	0.23	cps
Vanadium	51-2	95245	95513	95782	95513	0.28	cps
Yttrium	89-1	9128871	9133978	9122835	9128561	0.06	cps
Yttrium	89-2	1503755	1508655	1502228	1504879	0.22	cps
Zinc	66-2	38969	38728	38999	38898	0.38	cps
Zirconium	90-1	621412	624950	620652	622338	0.37	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 12:57:14	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	140980	139608	140610	140400	0.51	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 13:01:07 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	169930	168786	167316	168677	0.78	cps
Antimony	121-1	1014810	1002382	1009332	1008841	0.62	cps
Arsenic	75-2	35404	34693	34366	34821	1.52	cps
Barium	135-1	1236487	1227402	1237201	1233697	0.44	cps
Barium	137-1	2149334	2147161	2146164	2147553	0.08	cps
Beryllium	9-1	184013	184136	185356	184502	0.40	cps
Bismuth	209-1	7816486	7801206	7799438	7805710	0.12	cps
Bismuth	209-2	5085294	5096192	5104930	5095472	0.19	cps
Boron	10-1	21675	20406	21616	21232	3.37	cps
Boron	11-1	93102	96415	96121	95212	1.93	cps
Cadmium	111-1	237809	237668	240912	238796	0.77	cps
Cadmium	106-1	29289	29548	28872	29237	1.17	cps
Cadmium	108-1	17474	17953	17499	17642	1.53	cps
Calcium	43-1	267231	265704	266212	266382	0.29	cps
Calcium	44-1	4449855	4429779	4411624	4430419	0.43	cps
Chromium	52-2	278766	275445	276537	276916	0.61	cps
Cobalt	59-2	451574	447037	448407	449006	0.52	cps
Copper	63-2	645435	639659	638309	641134	0.59	cps
Dysprosium	156-1	8	42	25	25	66.68	cps
Dysprosium	156-2	17	17	37	23	49.48	cps
Erbium	164-1	50	17	58	42	52.91	cps
Erbium	164-2	33	20	33	29	26.64	cps
Gadolinium	160-1	75	75	117	89	27.07	cps
Gadolinium	160-2	150	93	153	132	25.50	cps
Holmium	165-1	12022282	11932895	11955257	11970145	0.39	cps
Holmium	165-2	6755835	6584885	6615389	6652036	1.37	cps
Indium	115-1	8851453	8752736	8802249	8802146	0.56	cps
Indium	115-2	1981317	1971027	1971408	1974584	0.30	cps
Iron	56-2	11773736	11677734	11644161	11698544	0.57	cps
Iron	57-2	290700	285571	285047	287106	1.09	cps
Lead	206-1	817955	818017	818490	818154	0.04	cps
Lead	207-1	728643	727483	729531	728552	0.14	cps
Lead	208-1	3306827	3295375	3305649	3302617	0.19	cps
Lithium	6-1	1952872	1953351	1941325	1949183	0.35	cps
Magnesium	24-2	1924846	1906130	1910136	1913704	0.51	cps
Manganese	55-2	325808	323252	323115	324058	0.47	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:01:07	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1877126	1873922	1874587	1875212	0.09	cps
Molybdenum	95-1	2323851	2306737	2307613	2312734	0.42	cps
Molybdenum	96-1	2576674	2554046	2556580	2562433	0.48	cps
Molybdenum	97-1	1431322	1425461	1429295	1428693	0.21	cps
Molybdenum	98-1	3724165	3721044	3724094	3723101	0.05	cps
Neodymium	150-1	113	93	93	100	11.55	cps
Neodymium	150-2	0	13	13	9	86.60	cps
Nickel	60-2	120853	118292	119001	119382	1.11	cps
Phosphorus	31-2	9837	9637	9870	9781	1.29	cps
Potassium	39-2	1057018	1029365	1040804	1042396	1.33	cps
Rhodium	103-1	8069012	8071568	8086279	8075619	0.12	cps
Rhodium	103-2	4021911	4005444	4022390	4016582	0.24	cps
Scandium	45-1	5338442	5302047	5303268	5314586	0.39	cps
Scandium	45-2	241984	241922	242035	241980	0.02	cps
Selenium	77-2	743	733	700	726	3.13	cps
Selenium	78-2	2487	2576	2443	2502	2.71	cps
Selenium	82-1	14219	14309	14191	14240	0.43	cps
Silicon	28-1	1079574	1074059	1077787	1077140	0.26	cps
Silver	109-1	1114542	1117282	1110057	1113960	0.33	cps
Silver	107-1	1151762	1153822	1169402	1158329	0.83	cps
Sodium	23-2	3660178	3598230	3588725	3615711	1.07	cps
Strontium	86-1	294830	294069	296002	294967	0.33	cps
Strontium	88-1	2598083	2594556	2599588	2597409	0.10	cps
Sulfur	34-1	497517	490354	488323	492065	0.98	cps
Terbium	159-1	12254357	12120185	12219948	12198163	0.57	cps
Terbium	159-2	6555302	6502034	6643905	6567080	1.09	cps
Thallium	203-1	988781	994088	994338	992403	0.32	cps
Thallium	205-1	2419925	2416309	2427146	2421126	0.23	cps
Tin	118-1	770130	764923	766859	767304	0.34	cps
Titanium	47-1	620866	617489	623698	620684	0.50	cps
Uranium	238-1	3418592	3435722	3425294	3426536	0.25	cps
Vanadium	51-2	231562	229254	230038	230284	0.51	cps
Yttrium	89-1	9175309	9121918	9161421	9152883	0.30	cps
Yttrium	89-2	1458916	1447122	1438432	1448157	0.71	cps
Zinc	66-2	94399	93181	92561	93381	1.00	cps
Zirconium	90-1	1571910	1566076	1568909	1568965	0.19	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:01:07	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350969	344669	345808	347149	0.97	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 13:04:55 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	324722	327000	324190	325304	0.46	cps
Antimony	121-1	1984710	1985210	1972694	1980872	0.36	cps
Arsenic	75-2	65679	65815	66263	65919	0.46	cps
Barium	135-1	2390539	2430272	2395604	2405471	0.90	cps
Barium	137-1	4182151	4246117	4209206	4212491	0.76	cps
Beryllium	9-1	352151	354129	350159	352147	0.56	cps
Bismuth	209-1	7739035	7835903	7771031	7781990	0.63	cps
Bismuth	209-2	5007094	4962055	5039847	5002999	0.78	cps
Boron	10-1	39878	39469	40547	39965	1.36	cps
Boron	11-1	183096	184191	184251	183846	0.35	cps
Cadmium	111-1	460897	467476	466586	464986	0.77	cps
Cadmium	106-1	54029	54305	52875	53736	1.41	cps
Cadmium	108-1	35265	35044	35023	35110	0.38	cps
Calcium	43-1	510243	509774	507198	509072	0.32	cps
Calcium	44-1	8294106	8299912	8267862	8287293	0.21	cps
Chromium	52-2	522982	523534	524515	523677	0.15	cps
Cobalt	59-2	849393	856007	853032	852810	0.39	cps
Copper	63-2	1205063	1216606	1222829	1214833	0.74	cps
Dysprosium	156-1	33	42	100	58	62.28	cps
Dysprosium	156-2	50	27	30	36	35.49	cps
Erbium	164-1	33	75	67	58	37.80	cps
Erbium	164-2	23	20	23	22	8.65	cps
Gadolinium	160-1	117	92	117	108	13.32	cps
Gadolinium	160-2	157	147	113	139	16.33	cps
Holmium	165-1	11825930	11856688	11824501	11835706	0.15	cps
Holmium	165-2	6615116	6596270	6475372	6562253	1.16	cps
Indium	115-1	8550915	8590373	8559414	8566901	0.24	cps
Indium	115-2	1872287	1885492	1882757	1880179	0.37	cps
Iron	56-2	22156166	22136105	22158528	22150267	0.06	cps
Iron	57-2	547223	544063	545734	545673	0.29	cps
Lead	206-1	1631963	1642675	1637923	1637521	0.33	cps
Lead	207-1	1452509	1461323	1457363	1457065	0.30	cps
Lead	208-1	6617078	6650119	6612670	6626623	0.31	cps
Lithium	6-1	1876885	1891208	1867831	1878641	0.63	cps
Magnesium	24-2	3746957	3737373	3785306	3756545	0.68	cps
Manganese	55-2	609892	613804	615770	613155	0.49	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 13:04:55 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3662247	3695181	3665063	3674164	0.50	cps
Molybdenum	95-1	4513198	4554721	4508186	4525368	0.56	cps
Molybdenum	96-1	5013711	5052561	5037345	5034539	0.39	cps
Molybdenum	97-1	2776471	2796070	2790209	2787583	0.36	cps
Molybdenum	98-1	7134244	7178197	7135992	7149478	0.35	cps
Neodymium	150-1	260	247	187	231	16.90	cps
Neodymium	150-2	30	13	20	21	39.75	cps
Nickel	60-2	224116	224402	225768	224762	0.39	cps
Phosphorus	31-2	18746	18404	18270	18473	1.33	cps
Potassium	39-2	1923916	1931906	1952410	1936077	0.76	cps
Rhodium	103-1	7780103	7850478	7809126	7813235	0.45	cps
Rhodium	103-2	3853682	3852446	3878363	3861497	0.38	cps
Scandium	45-1	5057014	5060496	4995393	5037634	0.73	cps
Scandium	45-2	229046	227429	229526	228667	0.48	cps
Selenium	77-2	1383	1437	1347	1389	3.26	cps
Selenium	78-2	4454	4712	4701	4622	3.15	cps
Selenium	82-1	27072	27289	27728	27363	1.22	cps
Silicon	28-1	1639217	1642359	1610409	1630662	1.08	cps
Silver	109-1	2149022	2169793	2172230	2163681	0.59	cps
Silver	107-1	2256254	2268627	2239690	2254857	0.64	cps
Sodium	23-2	6927147	6891916	6964424	6927829	0.52	cps
Strontium	86-1	570121	572691	570739	571184	0.23	cps
Strontium	88-1	5092531	5099934	5086918	5093128	0.13	cps
Sulfur	34-1	537664	534757	527549	533324	0.98	cps
Terbium	159-1	12015375	12087238	12006324	12036313	0.37	cps
Terbium	159-2	6497500	6502990	6394996	6465162	0.94	cps
Thallium	203-1	1988999	2005307	1992767	1995691	0.43	cps
Thallium	205-1	4905688	4918769	4894209	4906222	0.25	cps
Tin	118-1	1491198	1501620	1489852	1494224	0.43	cps
Titanium	47-1	1168431	1171595	1159957	1166661	0.52	cps
Uranium	238-1	6779042	6872667	6842169	6831293	0.70	cps
Vanadium	51-2	434428	436526	436414	435789	0.27	cps
Yttrium	89-1	8874420	8865335	8799825	8846527	0.46	cps
Yttrium	89-2	1378113	1385598	1382786	1382166	0.27	cps
Zinc	66-2	176681	177602	179241	177841	0.73	cps
Zirconium	90-1	3044916	3055225	3033906	3044682	0.35	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:04:55	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	677611	680145	671126	676294	0.69	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 13:08:42 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	637135	636881	641314	638444	0.39	cps
Antimony	121-1	3904412	3885422	3902137	3897324	0.27	cps
Arsenic	75-2	125340	128257	126970	126856	1.15	cps
Barium	135-1	4745215	4733922	4759078	4746072	0.27	cps
Barium	137-1	8122170	8121842	8144557	8129523	0.16	cps
Beryllium	9-1	663477	660204	661165	661615	0.25	cps
Bismuth	209-1	7084121	7695819	7839689	7539876	5.32	cps
Bismuth	209-2	4911491	4944506	4991429	4949142	0.81	cps
Boron	10-1	74953	75489	74693	75045	0.54	cps
Boron	11-1	341697	349741	348067	346502	1.22	cps
Cadmium	111-1	888807	891160	901123	893697	0.73	cps
Cadmium	106-1	99205	97928	99818	98984	0.97	cps
Cadmium	108-1	67192	65915	67083	66730	1.06	cps
Calcium	43-1	973921	974807	973317	974015	0.08	cps
Calcium	44-1	15892236	15889281	15832827	15871448	0.21	cps
Chromium	52-2	1000300	1024000	1027017	1017106	1.44	cps
Cobalt	59-2	1638676	1652240	1660248	1650388	0.66	cps
Copper	63-2	2323749	2340523	2344231	2336167	0.47	cps
Dysprosium	156-1	75	108	142	108	30.77	cps
Dysprosium	156-2	40	50	53	48	14.52	cps
Erbium	164-1	8	50	8	22	108.27	cps
Erbium	164-2	30	30	23	28	13.86	cps
Gadolinium	160-1	108	192	125	142	31.13	cps
Gadolinium	160-2	140	133	157	143	8.38	cps
Holmium	165-1	10884937	11750863	11987280	11541027	5.03	cps
Holmium	165-2	6442493	6544806	6562454	6516585	0.99	cps
Indium	115-1	7760655	8369320	8473347	8201107	4.69	cps
Indium	115-2	1822829	1865145	1863063	1850346	1.29	cps
Iron	56-2	42749525	43262186	43115387	43042366	0.61	cps
Iron	57-2	1050278	1060365	1065248	1058630	0.72	cps
Lead	206-1	3225125	3223455	3248590	3232390	0.43	cps
Lead	207-1	2878055	2899843	2886822	2888240	0.38	cps
Lead	208-1	13167301	13212420	13053505	13144409	0.62	cps
Lithium	6-1	1700374	1823018	1833214	1785535	4.14	cps
Magnesium	24-2	7295520	7326633	7346438	7322864	0.35	cps
Manganese	55-2	1174122	1196474	1195599	1188732	1.06	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:08:42	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7104118	7082865	7085630	7090871	0.16	cps
Molybdenum	95-1	8696376	8688849	8726716	8703980	0.23	cps
Molybdenum	96-1	9675115	9595527	9642776	9637806	0.42	cps
Molybdenum	97-1	5445916	5465546	5478751	5463404	0.30	cps
Molybdenum	98-1	13789352	13862269	13868972	13840198	0.32	cps
Neodymium	150-1	300	353	273	309	13.19	cps
Neodymium	150-2	27	40	23	30	29.40	cps
Nickel	60-2	426952	434488	435293	432244	1.06	cps
Phosphorus	31-2	35668	35335	34099	35034	2.36	cps
Potassium	39-2	3765736	3823449	3825437	3804874	0.89	cps
Rhodium	103-1	6960249	7497680	7605360	7354430	4.70	cps
Rhodium	103-2	3759596	3830068	3821147	3803604	1.01	cps
Scandium	45-1	4501333	4889999	4887695	4759675	4.70	cps
Scandium	45-2	226473	230051	230572	229032	0.97	cps
Selenium	77-2	2674	2654	2410	2579	5.69	cps
Selenium	78-2	9057	9058	9086	9067	0.18	cps
Selenium	82-1	51935	52404	52749	52363	0.78	cps
Silicon	28-1	2772316	2786305	2792777	2783799	0.38	cps
Silver	109-1	4142221	4144426	4199586	4162078	0.78	cps
Silver	107-1	4333045	4321552	4373804	4342800	0.63	cps
Sodium	23-2	13398588	13534702	13579646	13504312	0.70	cps
Strontium	86-1	1097614	1109488	1097958	1101686	0.61	cps
Strontium	88-1	9692384	9780006	9741499	9737963	0.45	cps
Sulfur	34-1	625308	619591	624980	623293	0.51	cps
Terbium	159-1	11051983	11875010	12137092	11688029	4.84	cps
Terbium	159-2	6470328	6562130	6585309	6539256	0.93	cps
Thallium	203-1	3941200	3964210	3987616	3964342	0.59	cps
Thallium	205-1	9454825	9441673	9511025	9469174	0.39	cps
Tin	118-1	2932868	2936392	2934124	2934461	0.06	cps
Titanium	47-1	2239884	2256966	2237470	2244773	0.47	cps
Uranium	238-1	13649572	13632411	13647697	13643227	0.07	cps
Vanadium	51-2	838795	858812	857843	851816	1.33	cps
Yttrium	89-1	8008911	8659593	8749215	8472573	4.77	cps
Yttrium	89-2	1356710	1381480	1369672	1369287	0.90	cps
Zinc	66-2	337910	342984	340952	340615	0.75	cps
Zirconium	90-1	5863691	5903326	5887624	5884880	0.34	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:08:42	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1305890	1311944	1306997	1308277	0.25	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 13:12:26 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1267773	1280802	1283292	1277289	0.65	cps
Antimony	121-1	7675548	7633793	7618663	7642668	0.39	cps
Arsenic	75-2	255160	256451	255562	255724	0.26	cps
Barium	135-1	9289697	9264742	9379447	9311295	0.65	cps
Barium	137-1	16128096	16139189	16275174	16180820	0.51	cps
Beryllium	9-1	1292994	1292206	1292217	1292472	0.03	cps
Bismuth	209-1	7584381	7624882	7612337	7607200	0.27	cps
Bismuth	209-2	4845516	4917619	4902479	4888538	0.78	cps
Boron	10-1	146107	147883	150036	148009	1.33	cps
Boron	11-1	678262	684969	693338	685523	1.10	cps
Cadmium	111-1	1752103	1752779	1752767	1752550	0.02	cps
Cadmium	106-1	191806	189545	189575	190309	0.68	cps
Cadmium	108-1	129762	129131	128740	129211	0.40	cps
Calcium	43-1	1928937	1932040	1940523	1933833	0.31	cps
Calcium	44-1	31360943	31379953	31477057	31405984	0.20	cps
Chromium	52-2	2031235	2072454	2063600	2055763	1.06	cps
Cobalt	59-2	3273861	3323123	3323667	3306884	0.86	cps
Copper	63-2	4589851	4658173	4658995	4635673	0.86	cps
Dysprosium	156-1	192	117	217	175	29.74	cps
Dysprosium	156-2	140	190	153	161	16.07	cps
Erbium	164-1	108	125	92	108	15.39	cps
Erbium	164-2	50	23	20	31	52.86	cps
Gadolinium	160-1	250	133	200	194	30.10	cps
Gadolinium	160-2	213	183	177	191	10.22	cps
Holmium	165-1	11771841	11848839	11895695	11838792	0.53	cps
Holmium	165-2	6513986	6613787	6575038	6567604	0.77	cps
Indium	115-1	8293779	8330377	8349884	8324680	0.34	cps
Indium	115-2	1837713	1854049	1843092	1844952	0.45	cps
Iron	56-2	85540574	86905521	86563821	86336639	0.82	cps
Iron	57-2	2098409	2141029	2139439	2126292	1.14	cps
Lead	206-1	6418451	6419791	6494712	6444318	0.68	cps
Lead	207-1	5723674	5718828	5773941	5738815	0.53	cps
Lead	208-1	25728319	25720238	25904207	25784255	0.40	cps
Lithium	6-1	1793640	1792031	1804691	1796788	0.38	cps
Magnesium	24-2	14542895	14642276	14526696	14570622	0.43	cps
Manganese	55-2	2372588	2409662	2388989	2390413	0.78	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:12:26	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14166156	14150129	14221399	14179228	0.26	cps
Molybdenum	95-1	17365001	17309627	17343867	17339499	0.16	cps
Molybdenum	96-1	19111359	19092450	19238613	19147474	0.42	cps
Molybdenum	97-1	10780470	10771551	10866072	10806031	0.48	cps
Molybdenum	98-1	27675682	27712318	27718343	27702115	0.08	cps
Neodymium	150-1	860	700	660	740	14.30	cps
Neodymium	150-2	120	110	120	117	4.95	cps
Nickel	60-2	847537	858906	864664	857035	1.02	cps
Phosphorus	31-2	71078	70090	70224	70464	0.76	cps
Potassium	39-2	7521456	7563570	7552251	7545759	0.29	cps
Rhodium	103-1	7450452	7446785	7494127	7463788	0.35	cps
Rhodium	103-2	3767574	3803171	3786854	3785866	0.47	cps
Scandium	45-1	4895079	4877705	4913341	4895375	0.36	cps
Scandium	45-2	230383	233555	233471	232470	0.78	cps
Selenium	77-2	5018	5264	5061	5114	2.58	cps
Selenium	78-2	17403	17518	17490	17470	0.34	cps
Selenium	82-1	101914	101026	102667	101869	0.81	cps
Silicon	28-1	4675256	3759205	3781627	4072029	12.83	cps
Silver	109-1	8087492	8092969	8138854	8106438	0.35	cps
Silver	107-1	8437405	8497720	8553169	8496098	0.68	cps
Sodium	23-2	26639681	26990070	26865524	26831758	0.66	cps
Strontium	86-1	2190193	2205544	2206319	2200685	0.41	cps
Strontium	88-1	19303237	19354234	19419863	19359111	0.30	cps
Sulfur	34-1	911762	896442	896274	901492	0.99	cps
Terbium	159-1	12023274	12068156	12069088	12053506	0.22	cps
Terbium	159-2	6387078	6607703	6428281	6474354	1.81	cps
Thallium	203-1	7711731	7723585	7741533	7725617	0.19	cps
Thallium	205-1	18669958	18585405	18718763	18658042	0.36	cps
Tin	118-1	5856658	5871702	5848470	5858943	0.20	cps
Titanium	47-1	4502312	4506390	4541257	4516653	0.47	cps
Uranium	238-1	27055588	27024970	27077291	27052616	0.10	cps
Vanadium	51-2	1704211	1734730	1732715	1723885	0.99	cps
Yttrium	89-1	8671453	8696943	8754456	8707617	0.49	cps
Yttrium	89-2	1378184	1388650	1394803	1387212	0.61	cps
Zinc	66-2	672463	678900	676641	676001	0.48	cps
Zirconium	90-1	11698255	11709948	11844620	11750941	0.69	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:12:26	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2598652	2618175	2628105	2614977	0.57	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:16:10	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6648550	6702360	6779425	6710112	0.98	cps
Antimony	121-1	12131	12147	13832	12703	7.70	cps
Arsenic	75-2	143	154	157	151	5.10	cps
Barium	135-1	3976	3526	3001	3501	13.94	cps
Barium	137-1	6035	6235	6252	6174	1.95	cps
Beryllium	9-1	606	561	578	582	3.86	cps
Bismuth	209-1	7035344	7043753	7021852	7033650	0.16	cps
Bismuth	209-2	4478854	4520132	4543944	4514310	0.73	cps
Boron	10-1	4151	3751	3767	3890	5.82	cps
Boron	11-1	18587	18103	16626	17772	5.75	cps
Cadmium	111-1	2789	2802	2885	2826	1.85	cps
Cadmium	106-1	3526	3667	3767	3653	3.32	cps
Cadmium	108-1	29	33	50	38	29.40	cps
Calcium	43-1	10190685	10324843	10426555	10314028	1.15	cps
Calcium	44-1	166300787	166614950	167936004	166950580	0.52	cps
Chromium	52-2	104607	104366	106638	105204	1.19	cps
Cobalt	59-2	6351	6188	5968	6169	3.12	cps
Copper	63-2	10534	10581	11028	10714	2.54	cps
Dysprosium	156-1	125	67	117	103	30.70	cps
Dysprosium	156-2	37	70	67	58	31.77	cps
Erbium	164-1	50	42	42	44	10.82	cps
Erbium	164-2	40	30	30	33	17.32	cps
Gadolinium	160-1	175	142	200	172	16.99	cps
Gadolinium	160-2	193	163	143	167	15.10	cps
Holmium	165-1	11736921	11748667	11778765	11754784	0.18	cps
Holmium	165-2	6598787	6587198	6613855	6599947	0.20	cps
Indium	115-1	8143589	8122636	8159765	8141997	0.23	cps
Indium	115-2	1854055	1863193	1894527	1870592	1.13	cps
Iron	56-2	434783765	436683543	440043299	437170202	0.61	cps
Iron	57-2	10708299	10710118	10822941	10747119	0.61	cps
Lead	206-1	12562	12523	12484	12523	0.31	cps
Lead	207-1	10577	10265	10093	10312	2.38	cps
Lead	208-1	49254	48525	47879	48553	1.42	cps
Lithium	6-1	1841138	1846185	1868233	1851852	0.78	cps
Magnesium	24-2	73038714	74384956	75233623	74219097	1.49	cps
Manganese	55-2	12442	12822	12536	12600	1.57	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:16:10	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17987	18613	17820	18140	2.30	cps
Molybdenum	95-1	29673	28872	29147	29231	1.39	cps
Molybdenum	96-1	35712	35596	36506	35938	1.38	cps
Molybdenum	97-1	18846	18212	18220	18426	1.97	cps
Molybdenum	98-1	46477	44178	45415	45356	2.54	cps
Neodymium	150-1	87	140	87	104	29.48	cps
Neodymium	150-2	57	53	30	47	31.14	cps
Nickel	60-2	26901	27406	27923	27410	1.86	cps
Phosphorus	31-2	425	450	433	436	2.92	cps
Potassium	39-2	38944726	39152893	39710974	39269531	1.01	cps
Rhodium	103-1	7190568	7156115	7198412	7181699	0.31	cps
Rhodium	103-2	3617559	3648325	3668058	3644647	0.70	cps
Scandium	45-1	5068600	5056228	5112080	5078969	0.58	cps
Scandium	45-2	238109	242773	244898	241927	1.44	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	91	102	96	96	5.77	cps
Selenium	82-1	76	148	149	124	33.77	cps
Silicon	28-1	820441	837747	848249	835479	1.68	cps
Silver	109-1	1117	950	1133	1067	9.50	cps
Silver	107-1	1058	1100	992	1050	5.20	cps
Sodium	23-2	134878420	135748541	136860716	135829225	0.73	cps
Strontium	86-1	76512	76378	76579	76490	0.13	cps
Strontium	88-1	654898	661886	662423	659736	0.64	cps
Sulfur	34-1	356825	364488	364734	362016	1.24	cps
Terbium	159-1	11988966	11854954	11949765	11931228	0.58	cps
Terbium	159-2	6399629	6527107	6462163	6462966	0.99	cps
Thallium	203-1	3892	3942	3867	3901	0.98	cps
Thallium	205-1	10104	9529	9229	9621	4.63	cps
Tin	118-1	10896	10029	10988	10638	4.98	cps
Titanium	47-1	1325	1734	1433	1497	14.13	cps
Uranium	238-1	6118	6694	5560	6124	9.26	cps
Vanadium	51-2	1190	1077	1083	1117	5.70	cps
Yttrium	89-1	8785466	8812457	8861677	8819867	0.44	cps
Yttrium	89-2	1417817	1434572	1435851	1429413	0.70	cps
Zinc	66-2	2950	3117	3237	3101	4.64	cps
Zirconium	90-1	4142	4176	4109	4142	0.80	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:16:10	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	900	975	817	897	8.83	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 13:23:09 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36220	36972	36045	36412	1.35	cps
Antimony	121-1	1519705	1525287	1533873	1526288	0.47	cps
Arsenic	75-2	55907	54940	55675	55507	0.91	cps
Barium	135-1	189305	188823	190378	189502	0.42	cps
Barium	137-1	329228	329237	333154	330540	0.69	cps
Beryllium	9-1	138700	138536	138817	138685	0.10	cps
Bismuth	209-1	7696124	7695078	7782524	7724575	0.65	cps
Bismuth	209-2	5079752	5123810	5125538	5109700	0.51	cps
Boron	10-1	88441	86539	87210	87397	1.10	cps
Boron	11-1	399845	396528	399473	398616	0.46	cps
Cadmium	111-1	191389	190724	192910	191674	0.58	cps
Cadmium	106-1	39849	38186	40091	39375	2.63	cps
Cadmium	108-1	18955	19026	19906	19295	2.75	cps
Calcium	43-1	44944	45387	45522	45284	0.67	cps
Calcium	44-1	718825	707544	719440	715270	0.94	cps
Chromium	52-2	214719	217726	217293	216579	0.75	cps
Cobalt	59-2	361437	364205	362753	362798	0.38	cps
Copper	63-2	258372	258341	260660	259124	0.51	cps
Dysprosium	156-1	0	33	0	11	173.21	cps
Dysprosium	156-2	3	10	23	12	83.33	cps
Erbium	164-1	17	58	67	47	56.72	cps
Erbium	164-2	30	67	37	44	43.95	cps
Gadolinium	160-1	108	125	75	103	24.77	cps
Gadolinium	160-2	167	120	100	129	26.54	cps
Holmium	165-1	11677223	11720123	11768099	11721815	0.39	cps
Holmium	165-2	6620517	6632195	6658327	6637013	0.29	cps
Indium	115-1	8620112	8560556	8709029	8629899	0.87	cps
Indium	115-2	1968700	1978549	1984963	1977404	0.41	cps
Iron	56-2	1854976	1863503	1869358	1862612	0.39	cps
Iron	57-2	46703	46964	46156	46608	0.89	cps
Lead	206-1	1287351	1281057	1300811	1289739	0.78	cps
Lead	207-1	1096811	1100161	1109015	1101996	0.57	cps
Lead	208-1	5084608	5104116	5159073	5115932	0.75	cps
Lithium	6-1	1914715	1907818	1921550	1914694	0.36	cps
Magnesium	24-2	181715	184793	185687	184065	1.13	cps
Manganese	55-2	126845	127254	128384	127494	0.63	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:23:09	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3307896	3321313	3339316	3322842	0.47	cps
Molybdenum	95-1	1829798	1825155	1839929	1831627	0.41	cps
Molybdenum	96-1	2323123	2330533	2332284	2328647	0.21	cps
Molybdenum	97-1	1126481	1126959	1134816	1129419	0.41	cps
Molybdenum	98-1	2927923	2943334	2976013	2949090	0.83	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	96274	97005	97031	96770	0.44	cps
Phosphorus	31-2	408	325	342	358	12.31	cps
Potassium	39-2	358716	359707	360840	359754	0.30	cps
Rhodium	103-1	7979746	7963912	8089845	8011167	0.86	cps
Rhodium	103-2	4023698	4105859	4123608	4084388	1.31	cps
Scandium	45-1	5216794	5145098	5231144	5197678	0.89	cps
Scandium	45-2	244315	245595	249998	246636	1.21	cps
Selenium	77-2	1197	1130	1153	1160	2.92	cps
Selenium	78-2	3964	3917	3886	3922	1.00	cps
Selenium	82-1	21764	21662	21928	21785	0.61	cps
Silicon	28-1	2745733	2743981	2756953	2748889	0.26	cps
Silver	109-1	849549	854441	854268	852753	0.33	cps
Silver	107-1	890688	887445	899518	892550	0.70	cps
Sodium	23-2	589938	594224	597100	593754	0.61	cps
Strontium	86-1	1176844	1166400	1171392	1171545	0.45	cps
Strontium	88-1	10414524	10378777	10361949	10385083	0.26	cps
Sulfur	34-1	395122	392915	389030	392356	0.79	cps
Terbium	159-1	11914710	11872454	12030116	11939093	0.68	cps
Terbium	159-2	6501402	6539429	6637248	6559360	1.07	cps
Thallium	203-1	1590405	1588528	1592270	1590401	0.12	cps
Thallium	205-1	3889269	3856221	3876603	3874031	0.43	cps
Tin	118-1	3029721	3036616	3067926	3044754	0.67	cps
Titanium	47-1	487790	491949	489040	489593	0.44	cps
Uranium	238-1	15227307	15124953	15366533	15239598	0.80	cps
Vanadium	51-2	179895	180981	183984	181620	1.17	cps
Yttrium	89-1	9052055	9020515	9033376	9035315	0.18	cps
Yttrium	89-2	1458174	1463383	1470129	1463895	0.41	cps
Zinc	66-2	75182	74255	75508	74981	0.87	cps
Zirconium	90-1	6309197	6224752	6297052	6277001	0.73	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:23:09	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1390183	1367361	1386825	1381456	0.89	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:27:52	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	50	44	10.82	cps
Antimony	121-1	1317	1292	1550	1386	10.28	cps
Arsenic	75-2	15	19	13	15	18.35	cps
Barium	135-1	108	100	67	92	24.05	cps
Barium	137-1	200	183	208	197	6.45	cps
Beryllium	9-1	244	256	333	278	17.44	cps
Bismuth	209-1	7976688	7940444	7953351	7956828	0.23	cps
Bismuth	209-2	5103660	5154837	5127488	5128661	0.50	cps
Boron	10-1	1517	1692	1525	1578	6.26	cps
Boron	11-1	8144	7969	7586	7900	3.62	cps
Cadmium	111-1	2667	2736	2528	2643	4.00	cps
Cadmium	106-1	3809	3901	3592	3767	4.20	cps
Cadmium	108-1	29	17	17	21	34.64	cps
Calcium	43-1	250	242	150	214	25.94	cps
Calcium	44-1	8686	9428	8703	8939	4.74	cps
Chromium	52-2	123	170	153	149	15.88	cps
Cobalt	59-2	77	93	47	72	32.74	cps
Copper	63-2	1100	1167	1187	1151	3.94	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	37	23	23	28	27.73	cps
Gadolinium	160-1	150	50	75	92	56.78	cps
Gadolinium	160-2	147	140	167	151	9.18	cps
Holmium	165-1	12039809	12063114	11978797	12027240	0.36	cps
Holmium	165-2	6728695	6779586	6704971	6737750	0.57	cps
Indium	115-1	8972832	8960586	9033988	8989136	0.44	cps
Indium	115-2	2016056	2014544	2008264	2012955	0.21	cps
Iron	56-2	5651	5296	5129	5359	4.98	cps
Iron	57-2	339	400	339	359	9.82	cps
Lead	206-1	744	833	839	806	6.58	cps
Lead	207-1	689	628	689	669	5.28	cps
Lead	208-1	3067	3295	3328	3230	4.40	cps
Lithium	6-1	1968229	1961400	1946630	1958753	0.56	cps
Magnesium	24-2	758	600	533	631	18.33	cps
Manganese	55-2	50	73	67	63	18.98	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:27:52	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	500	533	525	519	3.34	cps
Molybdenum	95-1	483	358	400	414	15.38	cps
Molybdenum	96-1	550	542	508	533	4.13	cps
Molybdenum	97-1	200	242	283	242	17.24	cps
Molybdenum	98-1	733	617	758	703	10.76	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	127	150	120	132	11.91	cps
Phosphorus	31-2	333	367	500	400	22.05	cps
Potassium	39-2	35151	35510	35260	35307	0.52	cps
Rhodium	103-1	8355510	8302966	8327259	8328578	0.32	cps
Rhodium	103-2	4145087	4153667	4133135	4143963	0.25	cps
Scandium	45-1	5401608	5337698	5349840	5363049	0.63	cps
Scandium	45-2	246598	244524	247441	246188	0.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	78	59	69	13.51	cps
Selenium	82-1	104	65	33	68	52.60	cps
Silicon	28-1	395999	390900	393264	393388	0.65	cps
Silver	109-1	167	67	158	131	42.50	cps
Silver	107-1	208	183	200	197	6.45	cps
Sodium	23-2	21741	20682	21191	21205	2.50	cps
Strontium	86-1	775	733	642	717	9.52	cps
Strontium	88-1	358	500	317	392	24.54	cps
Sulfur	34-1	389715	390158	390739	390204	0.13	cps
Terbium	159-1	12344096	12292223	12335151	12323823	0.23	cps
Terbium	159-2	6605421	6657341	6612854	6625205	0.42	cps
Thallium	203-1	517	508	467	497	5.39	cps
Thallium	205-1	1417	1158	967	1181	19.13	cps
Tin	118-1	2142	1642	1650	1811	15.81	cps
Titanium	47-1	92	183	100	125	40.55	cps
Uranium	238-1	233	292	200	242	19.20	cps
Vanadium	51-2	17	20	7	14	48.02	cps
Yttrium	89-1	9329795	9233722	9253646	9272388	0.55	cps
Yttrium	89-2	1486326	1482253	1475062	1481214	0.39	cps
Zinc	66-2	327	270	277	291	10.64	cps
Zirconium	90-1	992	875	633	833	21.93	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:27:52	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	208	150	175	17.17	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:31:26	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6159133	6132219	6071086	6120812	0.74	cps
Antimony	121-1	10263	10029	10429	10240	1.96	cps
Arsenic	75-2	96	131	89	106	21.56	cps
Barium	135-1	2900	2884	2934	2906	0.88	cps
Barium	137-1	4993	4801	4893	4896	1.96	cps
Beryllium	9-1	606	589	472	556	13.08	cps
Bismuth	209-1	7562954	7560826	7301739	7475173	2.01	cps
Bismuth	209-2	4855085	4847914	4852964	4851987	0.08	cps
Boron	10-1	1433	1225	1250	1303	8.73	cps
Boron	11-1	6102	6277	5968	6115	2.53	cps
Cadmium	111-1	3188	3229	2888	3101	6.01	cps
Cadmium	106-1	3551	3751	3376	3559	5.27	cps
Cadmium	108-1	1354	1554	1429	1446	6.99	cps
Calcium	43-1	2012353	2028019	2023317	2021230	0.40	cps
Calcium	44-1	32729273	33100319	33191860	33007151	0.74	cps
Chromium	52-2	44193	44270	43578	44013	0.86	cps
Cobalt	59-2	4191	4394	3951	4178	5.31	cps
Copper	63-2	19787	20181	20311	20093	1.36	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Dysprosium	156-2	20	30	13	21	39.75	cps
Erbium	164-1	67	92	58	72	24.02	cps
Erbium	164-2	40	33	13	29	48.05	cps
Gadolinium	160-1	158	192	108	153	27.45	cps
Gadolinium	160-2	170	170	190	177	6.54	cps
Holmium	165-1	12177971	12327976	11799457	12101801	2.25	cps
Holmium	165-2	6749617	6720675	6667846	6712713	0.62	cps
Indium	115-1	8774476	8767892	8412143	8651504	2.40	cps
Indium	115-2	1942131	1936933	1938011	1939025	0.14	cps
Iron	56-2	177739293	177572515	175739332	177017047	0.63	cps
Iron	57-2	4395863	4403497	4361777	4387046	0.51	cps
Lead	206-1	30469	30836	29973	30426	1.42	cps
Lead	207-1	23761	23794	24095	23883	0.77	cps
Lead	208-1	114360	113455	112535	113450	0.80	cps
Lithium	6-1	1863090	1863791	1761802	1829561	3.21	cps
Magnesium	24-2	14560013	14707121	14486863	14584666	0.77	cps
Manganese	55-2	9810	10124	9630	9855	2.54	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:31:26	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3971572	4055017	4014583	4013724	1.04	cps
Molybdenum	95-1	7030572	7164753	7106589	7100638	0.95	cps
Molybdenum	96-1	7543704	7640624	7596931	7593753	0.64	cps
Molybdenum	97-1	4334589	4442730	4402982	4393434	1.25	cps
Molybdenum	98-1	11311747	11497525	11461211	11423494	0.86	cps
Neodymium	150-1	47	80	40	56	38.57	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	5611	5675	5491	5592	1.67	cps
Phosphorus	31-2	354537	352138	351516	352730	0.45	cps
Potassium	39-2	15707121	15597598	15432307	15579009	0.89	cps
Rhodium	103-1	7808562	7854926	7564739	7742743	2.01	cps
Rhodium	103-2	3912724	3904055	3872710	3896496	0.54	cps
Scandium	45-1	5228159	5218652	5049859	5165557	1.94	cps
Scandium	45-2	240457	240361	235671	238830	1.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	56	70	64	12.01	cps
Selenium	82-1	59	37	28	42	38.69	cps
Silicon	28-1	476573	483154	484459	481395	0.88	cps
Silver	109-1	1500	1534	1709	1581	7.08	cps
Silver	107-1	1325	1717	1533	1525	12.85	cps
Sodium	23-2	26897513	27142385	26966297	27002065	0.47	cps
Strontium	86-1	79487	80040	80006	79844	0.39	cps
Strontium	88-1	683903	696322	688930	689719	0.91	cps
Sulfur	34-1	3431823	3434371	3413074	3426423	0.34	cps
Terbium	159-1	12318357	12424599	12004759	12249238	1.78	cps
Terbium	159-2	6679034	6632990	6516659	6609561	1.27	cps
Thallium	203-1	1542	1625	1592	1586	2.65	cps
Thallium	205-1	3826	3934	3634	3798	4.00	cps
Tin	118-1	2292	2300	2117	2236	4.63	cps
Titanium	47-1	1910101	1915932	1920696	1915576	0.28	cps
Uranium	238-1	575	675	550	600	11.02	cps
Vanadium	51-2	347	333	370	350	5.30	cps
Yttrium	89-1	9166492	9249984	8854913	9090463	2.29	cps
Yttrium	89-2	1448741	1448443	1435192	1444125	0.54	cps
Zinc	66-2	4241	4394	4371	4335	1.91	cps
Zirconium	90-1	1692	1533	1575	1600	5.13	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:31:26	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	367	250	333	21.80	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:35:01	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6149151	6119088	6141171	6136470	0.25	cps
Antimony	121-1	167394	166510	164657	166187	0.84	cps
Arsenic	75-2	5538	5570	5333	5480	2.35	cps
Barium	135-1	41588	42441	42157	42062	1.03	cps
Barium	137-1	72405	73201	74701	73436	1.59	cps
Beryllium	9-1	28243	28021	27414	27893	1.54	cps
Bismuth	209-1	7564393	7646657	7595575	7602208	0.55	cps
Bismuth	209-2	4808804	4829217	4886640	4841554	0.83	cps
Boron	10-1	7310	8161	7661	7711	5.54	cps
Boron	11-1	36236	35284	36386	35969	1.66	cps
Cadmium	111-1	39414	39257	39586	39419	0.42	cps
Cadmium	106-1	7786	7936	8094	7939	1.94	cps
Cadmium	108-1	4413	4267	4434	4372	2.08	cps
Calcium	43-1	2056714	2039144	2060394	2052084	0.55	cps
Calcium	44-1	33576615	33541726	33601376	33573239	0.09	cps
Chromium	52-2	87508	88057	89643	88403	1.25	cps
Cobalt	59-2	72541	73493	72521	72852	0.76	cps
Copper	63-2	67217	69819	69320	68785	2.01	cps
Dysprosium	156-1	25	42	58	42	40.00	cps
Dysprosium	156-2	20	20	20	20	0.00	cps
Erbium	164-1	92	83	67	81	15.80	cps
Erbium	164-2	30	43	53	42	27.72	cps
Gadolinium	160-1	67	150	142	119	38.42	cps
Gadolinium	160-2	130	140	157	142	9.47	cps
Holmium	165-1	12230193	12349510	12219681	12266461	0.59	cps
Holmium	165-2	6684968	6715218	6775946	6725377	0.69	cps
Indium	115-1	8821905	8868474	8801771	8830717	0.39	cps
Indium	115-2	1930593	1935540	1950875	1939003	0.55	cps
Iron	56-2	178828793	177979765	179267848	178692135	0.37	cps
Iron	57-2	4415705	4401878	4419645	4412409	0.21	cps
Lead	206-1	157932	160839	161523	160098	1.19	cps
Lead	207-1	131352	132272	129183	130936	1.21	cps
Lead	208-1	609148	614066	608602	610605	0.49	cps
Lithium	6-1	1840551	1849414	1835493	1841819	0.38	cps
Magnesium	24-2	14522545	14516949	14683863	14574452	0.65	cps
Manganese	55-2	35333	34704	35216	35084	0.95	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:35:01	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4371029	4367872	4385791	4374897	0.22	cps
Molybdenum	95-1	7369093	7376886	7406194	7384058	0.26	cps
Molybdenum	96-1	7889771	7908098	7958921	7918930	0.45	cps
Molybdenum	97-1	4562781	4575440	4558448	4565556	0.19	cps
Molybdenum	98-1	11771165	11887433	11838943	11832514	0.49	cps
Neodymium	150-1	60	27	60	49	39.36	cps
Neodymium	150-2	10	17	17	14	26.66	cps
Nickel	60-2	23499	23683	24347	23843	1.87	cps
Phosphorus	31-2	349441	350876	353706	351341	0.62	cps
Potassium	39-2	15634874	15640489	15701892	15659085	0.24	cps
Rhodium	103-1	7831609	7908207	7960455	7900090	0.82	cps
Rhodium	103-2	3896813	3872624	3899556	3889664	0.38	cps
Scandium	45-1	5255134	5311628	5282474	5283079	0.53	cps
Scandium	45-2	237604	239995	239648	239082	0.54	cps
Selenium	77-2	90	93	103	96	7.26	cps
Selenium	78-2	448	394	476	440	9.43	cps
Selenium	82-1	2261	2156	2130	2182	3.17	cps
Silicon	28-1	686789	685702	687634	686708	0.14	cps
Silver	109-1	161234	163350	162348	162310	0.65	cps
Silver	107-1	169880	170202	167926	169336	0.73	cps
Sodium	23-2	26901227	26760766	27267972	26976655	0.97	cps
Strontium	86-1	180393	181367	183059	181606	0.74	cps
Strontium	88-1	1588589	1587589	1589346	1588508	0.06	cps
Sulfur	34-1	3444731	3447455	3438907	3443698	0.13	cps
Terbium	159-1	12437778	12598334	12564473	12533528	0.68	cps
Terbium	159-2	6541808	6599027	6626179	6589004	0.65	cps
Thallium	203-1	156729	159032	160000	158587	1.06	cps
Thallium	205-1	381897	385895	378683	382159	0.95	cps
Tin	118-1	261709	261864	261956	261843	0.05	cps
Titanium	47-1	1974534	1977338	1976056	1975976	0.07	cps
Uranium	238-1	1188650	1181724	1194672	1188349	0.55	cps
Vanadium	51-2	34781	35145	35493	35140	1.01	cps
Yttrium	89-1	9278670	9311032	9297535	9295746	0.17	cps
Yttrium	89-2	1455015	1443876	1453141	1450677	0.41	cps
Zinc	66-2	11431	11448	11428	11436	0.09	cps
Zirconium	90-1	544058	544377	552893	547109	0.92	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:35:01	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	121320	121035	121352	121236	0.14	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:38:35	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3333601	3325993	3310269	3323288	0.36	cps
Antimony	121-1	4016949	4007321	4015109	4013126	0.13	cps
Arsenic	75-2	135797	135016	136257	135690	0.46	cps
Barium	135-1	4925056	4937582	4962949	4941862	0.39	cps
Barium	137-1	8488632	8592181	8537316	8539376	0.61	cps
Beryllium	9-1	683449	689105	698390	690315	1.09	cps
Bismuth	209-1	7510028	7558507	7529275	7532604	0.32	cps
Bismuth	209-2	4796202	4783860	4816082	4798715	0.34	cps
Boron	10-1	76737	77825	81755	78772	3.35	cps
Boron	11-1	364088	366851	370207	367049	0.83	cps
Cadmium	111-1	903491	904059	907832	905127	0.26	cps
Cadmium	106-1	101739	102409	103409	102519	0.82	cps
Cadmium	108-1	66769	67451	69277	67832	1.91	cps
Calcium	43-1	5190171	5232259	5246975	5223135	0.56	cps
Calcium	44-1	83767216	84415069	84894569	84358951	0.67	cps
Chromium	52-2	1120068	1116120	1125423	1120537	0.42	cps
Cobalt	59-2	1712564	1704870	1721410	1712948	0.48	cps
Copper	63-2	2352199	2349454	2395248	2365633	1.09	cps
Dysprosium	156-1	92	167	117	125	30.55	cps
Dysprosium	156-2	73	40	83	66	34.61	cps
Erbium	164-1	58	33	92	61	47.89	cps
Erbium	164-2	27	23	10	20	44.10	cps
Gadolinium	160-1	92	133	117	114	18.41	cps
Gadolinium	160-2	153	137	190	160	17.05	cps
Holmium	165-1	12295508	12379911	12319547	12331655	0.35	cps
Holmium	165-2	6749754	6707829	6700606	6719397	0.39	cps
Indium	115-1	8671321	8714455	8674542	8686773	0.28	cps
Indium	115-2	1901504	1917895	1911188	1910196	0.43	cps
Iron	56-2	223460377	222998455	224925883	223794905	0.45	cps
Iron	57-2	5495481	5516672	5500364	5504172	0.20	cps
Lead	206-1	3192163	3170596	3195319	3186026	0.42	cps
Lead	207-1	2835328	2822779	2832556	2830221	0.23	cps
Lead	208-1	12966188	12842030	12879393	12895870	0.49	cps
Lithium	6-1	1832152	1833872	1844416	1836813	0.36	cps
Magnesium	24-2	36942856	36771707	36690194	36801586	0.35	cps
Manganese	55-2	1258031	1252743	1263903	1258226	0.44	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:38:35	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7643269	7587601	7680739	7637203	0.61	cps
Molybdenum	95-1	9373003	9326140	9406308	9368483	0.43	cps
Molybdenum	96-1	10353493	10387108	10413378	10384660	0.29	cps
Molybdenum	97-1	5821989	5830389	5856606	5836328	0.31	cps
Molybdenum	98-1	14923805	15022411	14947791	14964669	0.34	cps
Neodymium	150-1	420	487	293	400	24.55	cps
Neodymium	150-2	60	63	53	59	8.65	cps
Nickel	60-2	452282	455866	455625	454591	0.44	cps
Phosphorus	31-2	36855	37306	37164	37108	0.62	cps
Potassium	39-2	19717050	19666576	19656716	19680114	0.16	cps
Rhodium	103-1	7783049	7780250	7743238	7768846	0.29	cps
Rhodium	103-2	3831706	3809449	3836287	3825814	0.38	cps
Scandium	45-1	5286828	5330620	5305632	5307693	0.41	cps
Scandium	45-2	242558	240933	241509	241667	0.34	cps
Selenium	77-2	2597	2567	2664	2609	1.90	cps
Selenium	78-2	9368	9260	9333	9320	0.59	cps
Selenium	82-1	54178	54217	53850	54081	0.37	cps
Silicon	28-1	3002076	3052258	3102544	3052293	1.65	cps
Silver	109-1	4212862	4222655	4258256	4231257	0.56	cps
Silver	107-1	4376793	4370421	4398486	4381900	0.34	cps
Sodium	23-2	68389095	67922679	68152116	68154630	0.34	cps
Strontium	86-1	1201509	1206695	1199132	1202445	0.32	cps
Strontium	88-1	10594294	10576092	10700483	10623623	0.63	cps
Sulfur	34-1	668383	676143	679279	674602	0.83	cps
Terbium	159-1	12481625	12504034	12546764	12510808	0.26	cps
Terbium	159-2	6585203	6559031	6554530	6566255	0.25	cps
Thallium	203-1	3924774	3935081	3955253	3938369	0.39	cps
Thallium	205-1	9433620	9424421	9437106	9431716	0.07	cps
Tin	118-1	3000647	3025173	3026315	3017378	0.48	cps
Titanium	47-1	2460782	2442806	2454118	2452569	0.37	cps
Uranium	238-1	13837171	13906341	13848969	13864160	0.27	cps
Vanadium	51-2	910338	909479	911049	910289	0.09	cps
Yttrium	89-1	9254679	9278845	9300418	9277981	0.25	cps
Yttrium	89-2	1454501	1450133	1452558	1452397	0.15	cps
Zinc	66-2	346011	345676	345617	345768	0.06	cps
Zirconium	90-1	6332441	6339163	6404559	6358721	0.63	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:38:35	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1396915	1397198	1419450	1404521	0.92	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : CCB60 Instrumnet Name : P7
 Client Sample ID : CCB60 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 13:48:10 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	58	75	67	12.49	cps
Antimony	121-1	983	942	1083	1003	7.26	cps
Arsenic	75-2	17	4	17	12	60.65	cps
Barium	135-1	75	92	158	108	40.71	cps
Barium	137-1	83	217	158	153	43.75	cps
Beryllium	9-1	200	239	228	222	9.01	cps
Bismuth	209-1	8049127	7994221	8034372	8025906	0.35	cps
Bismuth	209-2	5056832	5092300	5126490	5091874	0.68	cps
Boron	10-1	958	925	842	908	6.62	cps
Boron	11-1	4526	4501	4534	4520	0.38	cps
Cadmium	111-1	2422	2497	2394	2438	2.19	cps
Cadmium	106-1	3442	3534	3426	3467	1.68	cps
Cadmium	108-1	13	8	29	17	66.16	cps
Calcium	43-1	133	275	258	222	34.84	cps
Calcium	44-1	8594	10362	9437	9465	9.34	cps
Chromium	52-2	113	140	143	132	12.43	cps
Cobalt	59-2	77	113	83	91	21.44	cps
Copper	63-2	1150	1177	1060	1129	5.42	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	10	20	30	20	50.00	cps
Gadolinium	160-1	67	92	92	83	17.32	cps
Gadolinium	160-2	120	117	150	129	14.24	cps
Holmium	165-1	12229075	12301625	12219735	12250145	0.37	cps
Holmium	165-2	6701380	6742421	6778551	6740784	0.57	cps
Indium	115-1	9081032	9087925	9155684	9108214	0.45	cps
Indium	115-2	2003998	2013805	2030390	2016065	0.66	cps
Iron	56-2	6368	6541	6413	6440	1.39	cps
Iron	57-2	389	428	406	407	4.79	cps
Lead	206-1	856	856	722	811	9.49	cps
Lead	207-1	733	794	706	744	6.11	cps
Lead	208-1	3300	3428	3334	3354	1.98	cps
Lithium	6-1	1897907	1905978	1902591	1902159	0.21	cps
Magnesium	24-2	758	742	758	753	1.28	cps
Manganese	55-2	80	67	70	72	9.61	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:48:10	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400	425	425	417	3.46	cps
Molybdenum	95-1	450	442	383	425	8.55	cps
Molybdenum	96-1	533	600	567	567	5.88	cps
Molybdenum	97-1	325	442	308	358	20.27	cps
Molybdenum	98-1	758	858	642	753	14.41	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	203	133	180	172	20.69	cps
Phosphorus	31-2	325	250	400	325	23.08	cps
Potassium	39-2	35919	37339	36981	36746	2.01	cps
Rhodium	103-1	8448355	8436419	8491600	8458792	0.34	cps
Rhodium	103-2	4111162	4169819	4175229	4152070	0.86	cps
Scandium	45-1	5413833	5449481	5440206	5434507	0.34	cps
Scandium	45-2	244976	246917	245406	245767	0.41	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	94	91	74	86	12.56	cps
Selenium	82-1	21	15	6	14	52.14	cps
Silicon	28-1	390105	387896	392303	390102	0.56	cps
Silver	109-1	158	192	317	222	37.56	cps
Silver	107-1	233	267	275	258	8.54	cps
Sodium	23-2	22267	23110	23235	22871	2.30	cps
Strontium	86-1	733	850	717	767	9.48	cps
Strontium	88-1	175	975	425	525	77.96	cps
Sulfur	34-1	387757	391571	389134	389487	0.50	cps
Terbium	159-1	12436168	12494266	12500648	12477027	0.28	cps
Terbium	159-2	6603132	6666529	6672517	6647393	0.58	cps
Thallium	203-1	558	525	458	514	9.91	cps
Thallium	205-1	1442	1250	1100	1264	13.55	cps
Tin	118-1	1133	1258	1283	1225	6.56	cps
Titanium	47-1	133	125	150	136	9.35	cps
Uranium	238-1	58	175	192	142	51.28	cps
Vanadium	51-2	20	20	17	19	10.18	cps
Yttrium	89-1	9430224	9486470	9506983	9474559	0.42	cps
Yttrium	89-2	1475311	1486765	1494023	1485366	0.64	cps
Zinc	66-2	280	280	300	287	4.03	cps
Zirconium	90-1	633	675	850	719	15.98	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:48:10	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	183	208	186	11.27	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:51:42	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1375	1275	1392	1347	4.68	cps
Antimony	121-1	16160	15484	17094	16246	4.98	cps
Arsenic	75-2	257	257	257	257	0.00	cps
Barium	135-1	18104	18338	19105	18516	2.83	cps
Barium	137-1	30894	31061	32389	31448	2.61	cps
Beryllium	9-1	1461	1467	1533	1487	2.70	cps
Bismuth	209-1	7983872	7996837	7985323	7988677	0.09	cps
Bismuth	209-2	5145949	5177750	5139710	5154470	0.40	cps
Boron	10-1	4593	4668	4492	4584	1.92	cps
Boron	11-1	19697	20857	20156	20236	2.89	cps
Cadmium	111-1	4418	4174	4146	4246	3.53	cps
Cadmium	106-1	3917	3776	3776	3823	2.14	cps
Cadmium	108-1	142	117	133	131	9.75	cps
Calcium	43-1	9854	10463	10137	10151	3.00	cps
Calcium	44-1	166949	168759	168802	168170	0.63	cps
Chromium	52-2	4758	4671	4698	4709	0.94	cps
Cobalt	59-2	3490	3487	3637	3538	2.42	cps
Copper	63-2	6118	6345	6502	6321	3.05	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	75	33	50	44.10	cps
Erbium	164-2	27	40	27	31	24.74	cps
Gadolinium	160-1	125	117	58	100	36.32	cps
Gadolinium	160-2	177	107	153	146	24.49	cps
Holmium	165-1	12196869	12154415	12222991	12191425	0.28	cps
Holmium	165-2	6855741	6894367	6803846	6851318	0.66	cps
Indium	115-1	9148293	9163711	9120427	9144144	0.24	cps
Indium	115-2	2045013	2041418	2045078	2043836	0.10	cps
Iron	56-2	97521	96789	96761	97024	0.44	cps
Iron	57-2	2934	2834	2539	2769	7.41	cps
Lead	206-1	6635	6980	6741	6785	2.60	cps
Lead	207-1	6052	6135	6168	6118	0.98	cps
Lead	208-1	27295	27673	27796	27588	0.95	cps
Lithium	6-1	1891697	1909039	1903741	1901492	0.47	cps
Magnesium	24-2	72861	71655	73346	72621	1.20	cps
Manganese	55-2	1273	1337	1473	1361	7.51	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:51:42	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14833	14399	14717	14650	1.53	cps
Molybdenum	95-1	17361	18087	17336	17595	2.42	cps
Molybdenum	96-1	20332	20148	19331	19937	2.67	cps
Molybdenum	97-1	11255	10579	11263	11032	3.56	cps
Molybdenum	98-1	29657	29064	29005	29242	1.23	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1100	1130	1047	1092	3.86	cps
Phosphorus	31-2	400	217	425	347	32.76	cps
Potassium	39-2	114069	114614	114875	114519	0.36	cps
Rhodium	103-1	8455521	8498658	8431428	8461869	0.40	cps
Rhodium	103-2	4241134	4214106	4221032	4225424	0.33	cps
Scandium	45-1	5466925	5490065	5455951	5470980	0.32	cps
Scandium	45-2	250406	248672	249240	249440	0.35	cps
Selenium	77-2	17	17	30	21	36.45	cps
Selenium	78-2	137	152	154	148	6.19	cps
Selenium	82-1	555	561	548	555	1.25	cps
Silicon	28-1	466917	467276	463936	466043	0.39	cps
Silver	109-1	8828	8820	8311	8653	3.42	cps
Silver	107-1	8978	8803	8936	8906	1.03	cps
Sodium	23-2	155372	155305	153653	154777	0.63	cps
Strontium	86-1	3109	3317	2717	3048	10.00	cps
Strontium	88-1	21233	20574	20349	20718	2.22	cps
Sulfur	34-1	397995	397169	390961	395375	0.97	cps
Terbium	159-1	12371869	12428367	12431323	12410520	0.27	cps
Terbium	159-2	6701979	6733453	6683334	6706256	0.38	cps
Thallium	203-1	8120	8311	7861	8097	2.79	cps
Thallium	205-1	19173	19407	18906	19162	1.31	cps
Tin	118-1	29766	29816	30058	29880	0.52	cps
Titanium	47-1	5051	4459	4868	4793	6.32	cps
Uranium	238-1	25693	25225	25034	25317	1.34	cps
Vanadium	51-2	8563	8869	8423	8618	2.65	cps
Yttrium	89-1	9434690	9537275	9445774	9472580	0.59	cps
Yttrium	89-2	1506875	1511731	1511678	1510095	0.18	cps
Zinc	66-2	1113	1057	1003	1058	5.20	cps
Zirconium	90-1	13315	13148	13590	13351	1.67	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:51:42	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2492	3100	2809	2800	10.87	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:55:15	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1275	1142	1367	1261	8.97	cps
Antimony	121-1	15809	15142	15134	15362	2.52	cps
Arsenic	75-2	244	337	331	304	17.06	cps
Barium	135-1	17745	18555	18088	18129	2.24	cps
Barium	137-1	31445	32380	31804	31876	1.48	cps
Beryllium	9-1	1417	1506	1711	1545	9.78	cps
Bismuth	209-1	7859484	7839402	7959025	7885970	0.81	cps
Bismuth	209-2	5175652	5098504	5076692	5116949	1.02	cps
Boron	10-1	4201	4042	4459	4234	4.97	cps
Boron	11-1	19580	20106	21266	20317	4.25	cps
Cadmium	111-1	4292	4300	3952	4181	4.76	cps
Cadmium	106-1	3842	3767	3459	3690	5.51	cps
Cadmium	108-1	133	113	213	153	34.54	cps
Calcium	43-1	10262	9795	10304	10121	2.79	cps
Calcium	44-1	168390	167179	169619	168396	0.72	cps
Chromium	52-2	4617	4591	4681	4630	1.00	cps
Cobalt	59-2	3801	3524	3804	3709	4.33	cps
Copper	63-2	6725	6652	6565	6647	1.21	cps
Dysprosium	156-1	17	50	0	22	114.56	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	23	30	7	20	60.08	cps
Gadolinium	160-1	83	100	142	108	27.73	cps
Gadolinium	160-2	147	157	120	141	13.43	cps
Holmium	165-1	11995805	12118880	12237734	12117473	1.00	cps
Holmium	165-2	6880977	6736097	6748442	6788505	1.18	cps
Indium	115-1	9027102	9076191	9202730	9102008	1.00	cps
Indium	115-2	2062156	2038169	2044891	2048405	0.60	cps
Iron	56-2	108743	107390	107284	107806	0.75	cps
Iron	57-2	2928	3034	2961	2974	1.81	cps
Lead	206-1	6685	6869	6685	6746	1.57	cps
Lead	207-1	6052	5796	5768	5872	2.66	cps
Lead	208-1	27529	27195	26873	27199	1.21	cps
Lithium	6-1	1883283	1868859	1893033	1881725	0.65	cps
Magnesium	24-2	73020	73187	72870	73026	0.22	cps
Manganese	55-2	1473	1303	1507	1428	7.64	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:55:15	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14725	14667	15267	14886	2.22	cps
Molybdenum	95-1	17336	17686	17578	17534	1.02	cps
Molybdenum	96-1	20449	20040	19731	20073	1.79	cps
Molybdenum	97-1	10613	10996	10813	10807	1.77	cps
Molybdenum	98-1	27836	27928	27928	27898	0.19	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1170	1093	1113	1126	3.53	cps
Phosphorus	31-2	458	367	458	428	12.37	cps
Potassium	39-2	115623	114263	115135	115007	0.60	cps
Rhodium	103-1	8377681	8397245	8510082	8428336	0.85	cps
Rhodium	103-2	4270821	4165729	4193670	4210073	1.29	cps
Scandium	45-1	5402324	5450779	5452023	5435042	0.52	cps
Scandium	45-2	250737	249039	248104	249293	0.54	cps
Selenium	77-2	43	37	27	36	23.58	cps
Selenium	78-2	176	169	174	173	2.23	cps
Selenium	82-1	471	471	548	497	9.01	cps
Silicon	28-1	463336	463254	468712	465101	0.67	cps
Silver	109-1	8661	9404	9212	9092	4.24	cps
Silver	107-1	8853	8970	9087	8970	1.30	cps
Sodium	23-2	155682	152358	151424	153154	1.46	cps
Strontium	86-1	2675	2992	3117	2928	7.78	cps
Strontium	88-1	20832	19931	20332	20365	2.22	cps
Sulfur	34-1	393964	394358	389054	392459	0.75	cps
Terbium	159-1	12308864	12347735	12494149	12383582	0.79	cps
Terbium	159-2	6793511	6664744	6674013	6710756	1.07	cps
Thallium	203-1	7252	7844	8186	7761	6.09	cps
Thallium	205-1	18230	18947	19064	18747	2.41	cps
Tin	118-1	28939	30300	30158	29799	2.51	cps
Titanium	47-1	4451	4818	4693	4654	4.01	cps
Uranium	238-1	24925	24432	24917	24758	1.14	cps
Vanadium	51-2	9190	8776	8866	8944	2.43	cps
Yttrium	89-1	9400533	9438367	9506669	9448523	0.57	cps
Yttrium	89-2	1519025	1493564	1504290	1505626	0.85	cps
Zinc	66-2	1210	1213	1093	1172	5.83	cps
Zirconium	90-1	13315	13115	13173	13201	0.78	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:55:15	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3284	2967	3059	3103	5.25	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : PB109389BL Instrumnet Name : P7
 Client Sample ID : PB109389BL Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 13:58:48 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	58	42	42	40.00	cps
Antimony	121-1	200	417	367	328	34.61	cps
Arsenic	75-2	15	17	6	12	48.20	cps
Barium	135-1	42	100	67	69	42.14	cps
Barium	137-1	83	108	142	111	26.34	cps
Beryllium	9-1	211	167	183	187	12.01	cps
Bismuth	209-1	7970266	8015970	8083159	8023132	0.71	cps
Bismuth	209-2	5233786	5122776	5162766	5173109	1.09	cps
Boron	10-1	683	625	592	633	7.33	cps
Boron	11-1	3392	2850	2942	3062	9.47	cps
Cadmium	111-1	2579	2476	3070	2708	11.71	cps
Cadmium	106-1	3692	3534	4384	3870	11.68	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	108	108	158	125	23.09	cps
Calcium	44-1	8620	8611	8545	8592	0.48	cps
Chromium	52-2	133	143	153	143	6.98	cps
Cobalt	59-2	60	67	70	66	7.77	cps
Copper	63-2	1127	1077	1077	1093	2.64	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	42	58	92	64	39.85	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	83	117	75	92	24.05	cps
Gadolinium	160-2	150	163	150	154	4.99	cps
Holmium	165-1	12349964	12172208	12329628	12283933	0.79	cps
Holmium	165-2	6883944	6765884	6827799	6825876	0.87	cps
Indium	115-1	9250053	9247183	9366491	9287909	0.73	cps
Indium	115-2	2097649	2063495	2078315	2079820	0.82	cps
Iron	56-2	5190	5351	5346	5296	1.73	cps
Iron	57-2	328	356	383	356	7.81	cps
Lead	206-1	711	672	694	693	2.82	cps
Lead	207-1	561	600	494	552	9.67	cps
Lead	208-1	2595	2556	2445	2532	3.08	cps
Lithium	6-1	1899180	1910991	1905389	1905187	0.31	cps
Magnesium	24-2	625	625	675	642	4.50	cps
Manganese	55-2	67	73	63	68	7.51	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	PB109389BL	Instrumnet Name :	P7
Client Sample ID :	PB109389BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:58:48	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	233	200	231	12.69	cps
Molybdenum	95-1	183	192	142	172	15.56	cps
Molybdenum	96-1	167	233	208	203	16.61	cps
Molybdenum	97-1	100	92	83	92	9.09	cps
Molybdenum	98-1	300	317	325	314	4.06	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	163	130	147	11.37	cps
Phosphorus	31-2	450	375	292	372	21.28	cps
Potassium	39-2	39595	38259	38041	38632	2.18	cps
Rhodium	103-1	8567060	8579259	8666665	8604328	0.63	cps
Rhodium	103-2	4298243	4225670	4251177	4258363	0.86	cps
Scandium	45-1	5529425	5592365	5600286	5574025	0.70	cps
Scandium	45-2	254545	251319	253266	253043	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	70	80	74	6.62	cps
Selenium	82-1	29	-19	102	37	163.65	cps
Silicon	28-1	405692	406000	407681	406458	0.26	cps
Silver	109-1	83	108	125	106	19.87	cps
Silver	107-1	142	233	167	181	26.24	cps
Sodium	23-2	19155	19213	19205	19191	0.16	cps
Strontium	86-1	858	825	775	820	5.12	cps
Strontium	88-1	200	267	217	228	15.23	cps
Sulfur	34-1	414194	413777	417589	415187	0.50	cps
Terbium	159-1	12538794	12551912	12659165	12583291	0.52	cps
Terbium	159-2	6811814	6715948	6726820	6751527	0.78	cps
Thallium	203-1	267	233	258	253	6.86	cps
Thallium	205-1	575	508	517	533	6.81	cps
Tin	118-1	1250	1158	1250	1220	4.34	cps
Titanium	47-1	92	108	83	94	13.48	cps
Uranium	238-1	125	125	92	114	16.90	cps
Vanadium	51-2	20	10	17	16	32.73	cps
Yttrium	89-1	9610139	9620980	9704830	9645316	0.54	cps
Yttrium	89-2	1543374	1504333	1536839	1528182	1.37	cps
Zinc	66-2	283	280	320	294	7.54	cps
Zirconium	90-1	675	592	783	683	14.06	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	PB109389BL	Instrumnet Name :	P7
Client Sample ID :	PB109389BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 13:58:48	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	167	133	156	12.37	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : PB109389BS Instrumnet Name : P7
 Client Sample ID : PB109389BS Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 14:02:22 DataFile Name : 021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667488	680091	679654	675744	1.06	cps
Antimony	121-1	4156786	4080649	4076497	4104644	1.10	cps
Arsenic	75-2	136844	139707	139272	138608	1.11	cps
Barium	135-1	5049355	5006078	4998239	5017890	0.55	cps
Barium	137-1	8777947	8675546	8609975	8687823	0.97	cps
Beryllium	9-1	722143	709728	707455	713109	1.11	cps
Bismuth	209-1	7771972	7880348	7817917	7823412	0.70	cps
Bismuth	209-2	5047835	5084227	4083598	4738553	11.98	cps
Boron	10-1	77348	80648	79961	79319	2.20	cps
Boron	11-1	363123	370696	365428	366415	1.06	cps
Cadmium	111-1	950910	937869	941627	943469	0.71	cps
Cadmium	106-1	108093	105752	104727	106191	1.63	cps
Cadmium	108-1	71169	69738	70399	70435	1.02	cps
Calcium	43-1	1078920	1065254	1059156	1067777	0.95	cps
Calcium	44-1	17691857	17492061	17358204	17514041	0.96	cps
Chromium	52-2	1102948	1107933	1105387	1105423	0.23	cps
Cobalt	59-2	1778179	1776059	1773683	1775973	0.13	cps
Copper	63-2	2490959	2531078	2529294	2517110	0.90	cps
Dysprosium	156-1	83	108	75	89	19.52	cps
Dysprosium	156-2	80	80	40	67	34.64	cps
Erbium	164-1	67	42	75	61	28.38	cps
Erbium	164-2	17	17	23	19	20.36	cps
Gadolinium	160-1	167	125	150	147	14.24	cps
Gadolinium	160-2	197	170	137	168	17.92	cps
Holmium	165-1	12254283	12330895	12248439	12277872	0.37	cps
Holmium	165-2	6792216	6848717	5518148	6386360	11.78	cps
Indium	115-1	8907017	8819760	8913430	8880069	0.59	cps
Indium	115-2	1961103	1986055	1590193	1845784	12.01	cps
Iron	56-2	46749105	46999539	47533814	47094152	0.85	cps
Iron	57-2	1140388	1147362	1150854	1146201	0.46	cps
Lead	206-1	3308419	3298538	3275242	3294066	0.52	cps
Lead	207-1	2931175	2919694	2918846	2923238	0.24	cps
Lead	208-1	13319562	13289073	13257946	13288861	0.23	cps
Lithium	6-1	1923139	1910829	1904258	1912742	0.50	cps
Magnesium	24-2	7751227	7785170	7862123	7799507	0.73	cps
Manganese	55-2	1278449	1291685	1292345	1287493	0.61	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	PB109389BS	Instrumnet Name :	P7
Client Sample ID :	PB109389BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:02:22	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7804028	7711647	7631617	7715764	1.12	cps
Molybdenum	95-1	9596738	9409057	9322693	9442830	1.48	cps
Molybdenum	96-1	10571715	10448474	10328622	10449604	1.16	cps
Molybdenum	97-1	5950335	5877877	5839969	5889394	0.95	cps
Molybdenum	98-1	15150759	15010217	14931111	15030696	0.74	cps
Neodymium	150-1	307	313	387	336	13.23	cps
Neodymium	150-2	47	33	50	43	20.36	cps
Nickel	60-2	462736	467871	468791	466466	0.70	cps
Phosphorus	31-2	37565	37807	37707	37693	0.32	cps
Potassium	39-2	4178082	4184043	4188037	4183387	0.12	cps
Rhodium	103-1	8124826	8088282	8094768	8102625	0.24	cps
Rhodium	103-2	4000130	4028438	3246929	3758499	11.79	cps
Scandium	45-1	5390402	5326031	5330130	5348854	0.67	cps
Scandium	45-2	243589	245156	200385	229710	11.06	cps
Selenium	77-2	2764	2907	3000	2890	4.13	cps
Selenium	78-2	9850	9579	9635	9688	1.47	cps
Selenium	82-1	56523	56441	55923	56296	0.58	cps
Silicon	28-1	2979618	2959832	2938277	2959242	0.70	cps
Silver	109-1	4491917	4439001	4434829	4455249	0.71	cps
Silver	107-1	4708482	4637725	4603966	4650058	1.15	cps
Sodium	23-2	14314406	14330518	14430308	14358410	0.44	cps
Strontium	86-1	1209214	1187726	1188053	1194997	1.03	cps
Strontium	88-1	10708261	10517670	10563159	10596363	0.94	cps
Sulfur	34-1	718204	697184	691186	702191	2.02	cps
Terbium	159-1	12468350	12440373	12529620	12479448	0.37	cps
Terbium	159-2	6725744	6759191	5434281	6306405	11.98	cps
Thallium	203-1	4038982	4040829	4016145	4031985	0.34	cps
Thallium	205-1	9748239	9780671	9756901	9761937	0.17	cps
Tin	118-1	3131848	3073023	3083724	3096198	1.01	cps
Titanium	47-1	2521348	2471679	2458376	2483801	1.34	cps
Uranium	238-1	13740277	13932485	13786845	13819869	0.73	cps
Vanadium	51-2	914752	919791	916898	917147	0.28	cps
Yttrium	89-1	9420958	9340641	9368490	9376696	0.43	cps
Yttrium	89-2	1465462	1477261	1187410	1376711	11.92	cps
Zinc	66-2	360302	366612	367474	364796	1.07	cps
Zirconium	90-1	6461359	6396103	6377766	6411743	0.69	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	PB109389BS	Instrumnet Name :	P7
Client Sample ID :	PB109389BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:02:22	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1428810	1410863	1403332	1414335	0.93	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-01	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(105-107)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:05:55	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4791526	4769468	4821799	4794264	0.55	cps
Antimony	121-1	4318	5001	5218	4846	9.70	cps
Arsenic	75-2	6411	6507	6398	6439	0.93	cps
Barium	135-1	2269901	2313616	2352525	2312014	1.79	cps
Barium	137-1	3993850	4027768	4084147	4035255	1.13	cps
Beryllium	9-1	7130	7235	7152	7172	0.78	cps
Bismuth	209-1	7379373	7457223	7534542	7457046	1.04	cps
Bismuth	209-2	4652788	4679776	4681784	4671449	0.35	cps
Boron	10-1	8486	7961	8303	8250	3.23	cps
Boron	11-1	41458	42009	42101	41856	0.83	cps
Cadmium	111-1	5065	5165	5470	5234	4.03	cps
Cadmium	106-1	6152	6552	6652	6452	4.10	cps
Cadmium	108-1	683	875	796	785	12.27	cps
Calcium	43-1	4734367	4776685	4850240	4787097	1.22	cps
Calcium	44-1	76158252	77165873	78167787	77163970	1.30	cps
Chromium	52-2	264170	263408	265204	264260	0.34	cps
Cobalt	59-2	254098	252583	255990	254224	0.67	cps
Copper	63-2	461102	461895	471699	464899	1.27	cps
Dysprosium	156-1	223061	226119	227726	225635	1.05	cps
Dysprosium	156-2	119897	120139	120878	120305	0.43	cps
Erbium	164-1	187473	192759	192250	190827	1.53	cps
Erbium	164-2	103635	102822	103165	103208	0.40	cps
Gadolinium	160-1	214000	217731	219813	217181	1.36	cps
Gadolinium	160-2	129901	129020	128929	129283	0.42	cps
Holmium	165-1	11843573	12046680	12037751	11976001	0.96	cps
Holmium	165-2	6539149	6522769	6518054	6526657	0.17	cps
Indium	115-1	8516505	8564087	8607008	8562533	0.53	cps
Indium	115-2	1855408	1853799	1868383	1859197	0.43	cps
Iron	56-2	256335378	256828484	258800000	257321287	0.51	cps
Iron	57-2	6381774	6342124	6366989	6363629	0.31	cps
Lead	206-1	491748	498904	498332	496328	0.80	cps
Lead	207-1	396898	402095	404513	401169	0.97	cps
Lead	208-1	1881257	1902527	1920411	1901398	1.03	cps
Lithium	6-1	1819690	1846741	1843726	1836719	0.81	cps
Magnesium	24-2	13261389	13224293	13342917	13276200	0.46	cps
Manganese	55-2	5613097	5601040	5637222	5617120	0.33	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-01	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(105-107)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:05:55	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217770	220451	221389	219870	0.85	cps
Molybdenum	95-1	10804	10571	10746	10707	1.13	cps
Molybdenum	96-1	49403	49294	49855	49517	0.60	cps
Molybdenum	97-1	6477	6902	6527	6635	3.50	cps
Molybdenum	98-1	17537	16677	16861	17025	2.66	cps
Neodymium	150-1	312837	315143	314720	314233	0.39	cps
Neodymium	150-2	136022	137527	137927	137159	0.73	cps
Nickel	60-2	158003	159543	158758	158768	0.49	cps
Phosphorus	31-2	22810	23344	23069	23074	1.16	cps
Potassium	39-2	3456989	3444421	3439248	3446886	0.26	cps
Rhodium	103-1	7614593	7669297	7680879	7654923	0.46	cps
Rhodium	103-2	3742518	3750176	3754945	3749213	0.17	cps
Scandium	45-1	5449953	5499477	5549371	5499600	0.90	cps
Scandium	45-2	247090	248410	250055	248519	0.60	cps
Selenium	77-2	337	400	340	359	9.93	cps
Selenium	78-2	378	328	333	346	7.91	cps
Selenium	82-1	252	240	304	265	12.81	cps
Silicon	28-1	8794681	8783327	8962983	8846997	1.14	cps
Silver	109-1	2067	2150	1759	1992	10.36	cps
Silver	107-1	2675	2942	2350	2656	11.16	cps
Sodium	23-2	538733	536240	539137	538037	0.29	cps
Strontium	86-1	1369743	1386523	1399934	1385400	1.09	cps
Strontium	88-1	12135833	12336514	12424742	12299029	1.20	cps
Sulfur	34-1	741427	748574	758926	749642	1.17	cps
Terbium	159-1	12079427	12313085	12321157	12237890	1.12	cps
Terbium	159-2	6386425	6457446	6437604	6427158	0.57	cps
Thallium	203-1	11756	11397	11013	11389	3.26	cps
Thallium	205-1	27580	27337	27304	27407	0.55	cps
Tin	118-1	6027	6210	6143	6127	1.52	cps
Titanium	47-1	1444251	1469338	1480974	1464854	1.28	cps
Uranium	238-1	203334	205399	205268	204667	0.57	cps
Vanadium	51-2	279191	280060	282889	280713	0.69	cps
Yttrium	89-1	11252956	11423567	11472694	11383072	1.01	cps
Yttrium	89-2	1752033	1765279	1764417	1760576	0.42	cps
Zinc	66-2	135326	136473	137618	136472	0.84	cps
Zirconium	90-1	584827	595183	594399	591470	0.97	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-01	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(105-107)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:05:55	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	128715	132038	132391	131048	1.55	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-02	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(125-127)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:09:31	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10999624	11167913	11345217	11170918	1.55	cps
Antimony	121-1	2092	2167	2359	2206	6.24	cps
Arsenic	75-2	14363	14606	14724	14564	1.27	cps
Barium	135-1	4038057	4033144	4086615	4052605	0.73	cps
Barium	137-1	7068873	7013798	7130634	7071102	0.83	cps
Beryllium	9-1	14813	15091	14585	14830	1.71	cps
Bismuth	209-1	7383927	7364013	7369434	7372458	0.14	cps
Bismuth	209-2	4629721	4640533	4722829	4664361	1.09	cps
Boron	10-1	14841	15809	15767	15472	3.54	cps
Boron	11-1	71595	73672	72424	72564	1.44	cps
Cadmium	111-1	6612	7515	6878	7001	6.63	cps
Cadmium	106-1	9670	10888	10071	10210	6.08	cps
Cadmium	108-1	2017	2075	2150	2081	3.21	cps
Calcium	43-1	3346789	3378904	3369411	3365035	0.49	cps
Calcium	44-1	54635774	54852828	54783507	54757370	0.20	cps
Chromium	52-2	543714	541647	552665	546008	1.07	cps
Cobalt	59-2	491765	493968	501775	495836	1.06	cps
Copper	63-2	786110	790973	799206	792096	0.84	cps
Dysprosium	156-1	321137	322687	319186	321003	0.55	cps
Dysprosium	156-2	172092	173948	176699	174246	1.33	cps
Erbium	164-1	264863	264334	264978	264725	0.13	cps
Erbium	164-2	144564	146049	147256	145956	0.92	cps
Gadolinium	160-1	296892	293190	296405	295496	0.68	cps
Gadolinium	160-2	180577	179214	182078	180623	0.79	cps
Holmium	165-1	12123159	12107809	12146283	12125750	0.16	cps
Holmium	165-2	6610281	6609281	6744192	6654585	1.17	cps
Indium	115-1	8532475	8595431	8617672	8581859	0.51	cps
Indium	115-2	1867735	1878870	1911874	1886160	1.22	cps
Iron	56-2	566416346	565220735	577532324	569723135	1.19	cps
Iron	57-2	13878282	13933651	14113969	13975301	0.88	cps
Lead	206-1	963698	964092	965561	964450	0.10	cps
Lead	207-1	777628	780203	781771	779867	0.27	cps
Lead	208-1	3703693	3700335	3713414	3705814	0.18	cps
Lithium	6-1	1876048	1886282	1900525	1887618	0.65	cps
Magnesium	24-2	16936854	17055736	17365127	17119239	1.29	cps
Manganese	55-2	8055453	8066123	8249715	8123764	1.34	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-02	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(125-127)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:09:31	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	620711	622067	626401	623060	0.48	cps
Molybdenum	95-1	10171	10087	9854	10037	1.64	cps
Molybdenum	96-1	118885	118951	119581	119139	0.32	cps
Molybdenum	97-1	6393	5851	6377	6207	4.96	cps
Molybdenum	98-1	15567	16026	16352	15982	2.47	cps
Neodymium	150-1	462504	461818	473082	465801	1.36	cps
Neodymium	150-2	205671	208076	210715	208154	1.21	cps
Nickel	60-2	290743	292456	298573	293924	1.40	cps
Phosphorus	31-2	17636	17694	17336	17555	1.10	cps
Potassium	39-2	6000149	6089163	6219967	6103093	1.81	cps
Rhodium	103-1	7727538	7663403	7712002	7700981	0.43	cps
Rhodium	103-2	3740860	3793143	3817465	3783823	1.03	cps
Scandium	45-1	5852567	5876908	5880795	5870090	0.26	cps
Scandium	45-2	264778	267909	271323	268004	1.22	cps
Selenium	77-2	517	603	573	564	7.80	cps
Selenium	78-2	443	387	387	406	7.91	cps
Selenium	82-1	375	454	374	401	11.42	cps
Silicon	28-1	16929810	17053203	17027912	17003642	0.38	cps
Silver	109-1	3384	3492	2942	3273	8.90	cps
Silver	107-1	4718	5284	4801	4934	6.20	cps
Sodium	23-2	720641	734332	743614	732862	1.58	cps
Strontium	86-1	1289941	1277711	1293610	1287088	0.65	cps
Strontium	88-1	11450667	11485666	11569835	11502056	0.53	cps
Sulfur	34-1	546356	552678	544056	547696	0.82	cps
Terbium	159-1	12243886	12334826	12304534	12294416	0.38	cps
Terbium	159-2	6447723	6533495	6628839	6536686	1.39	cps
Thallium	203-1	15993	16302	16978	16425	3.07	cps
Thallium	205-1	39251	41098	39284	39878	2.65	cps
Tin	118-1	5751	5701	6010	5821	2.84	cps
Titanium	47-1	1997874	1999123	2016488	2004495	0.52	cps
Uranium	238-1	265686	260986	269095	265256	1.54	cps
Vanadium	51-2	492108	494737	502727	496524	1.11	cps
Yttrium	89-1	12435892	12360499	12446577	12414323	0.38	cps
Yttrium	89-2	1905835	1925399	1956468	1929234	1.32	cps
Zinc	66-2	248574	248473	252559	249869	0.93	cps
Zirconium	90-1	1703960	1702364	1711720	1706015	0.29	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-02	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(125-127)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:09:31	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	381747	375039	380865	379217	0.96	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-03	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:13:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5546350	5575135	5561212	5560899	0.26	cps
Antimony	121-1	825	1042	1267	1045	21.15	cps
Arsenic	75-2	7041	7167	7098	7102	0.89	cps
Barium	135-1	1892545	1888335	1883901	1888260	0.23	cps
Barium	137-1	3306012	3298889	3295794	3300231	0.16	cps
Beryllium	9-1	7497	7335	7152	7328	2.35	cps
Bismuth	209-1	7369674	7377148	7419576	7388799	0.36	cps
Bismuth	209-2	4657353	4676733	4700258	4678114	0.46	cps
Boron	10-1	7427	7094	8044	7522	6.41	cps
Boron	11-1	35593	36269	35618	35827	1.07	cps
Cadmium	111-1	5576	6024	5931	5844	4.05	cps
Cadmium	106-1	6952	7694	7486	7377	5.19	cps
Cadmium	108-1	975	975	971	974	0.25	cps
Calcium	43-1	5003748	4965490	4963165	4977467	0.46	cps
Calcium	44-1	80957083	80710525	80162485	80610031	0.50	cps
Chromium	52-2	323393	324110	323869	323791	0.11	cps
Cobalt	59-2	293787	294288	293897	293991	0.09	cps
Copper	63-2	507136	515555	515959	512884	0.97	cps
Dysprosium	156-1	248558	243773	244132	245487	1.09	cps
Dysprosium	156-2	132359	133432	134005	133266	0.63	cps
Erbium	164-1	207564	208884	210144	208864	0.62	cps
Erbium	164-2	112138	113260	114020	113139	0.84	cps
Gadolinium	160-1	236926	236866	235739	236510	0.28	cps
Gadolinium	160-2	139498	141225	143488	141403	1.42	cps
Holmium	165-1	11845952	11962600	11987043	11931865	0.63	cps
Holmium	165-2	6568456	6546738	6607521	6574239	0.47	cps
Indium	115-1	8598814	8597430	8509295	8568513	0.60	cps
Indium	115-2	1869990	1873856	1877234	1873693	0.19	cps
Iron	56-2	306751329	308533162	307810762	307698418	0.29	cps
Iron	57-2	7537837	7628684	7615690	7594070	0.65	cps
Lead	206-1	563217	556764	560816	560266	0.58	cps
Lead	207-1	452565	454023	457155	454581	0.52	cps
Lead	208-1	2154468	2145637	2162174	2154093	0.38	cps
Lithium	6-1	1831403	1823296	1829252	1827984	0.23	cps
Magnesium	24-2	13706913	13725719	13832735	13755122	0.49	cps
Manganese	55-2	6294503	6341384	6324941	6320276	0.38	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-03	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:13:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	279978	280768	280088	280278	0.15	cps
Molybdenum	95-1	12139	12706	12773	12539	2.78	cps
Molybdenum	96-1	61885	63073	61173	62044	1.55	cps
Molybdenum	97-1	7427	7844	7511	7594	2.91	cps
Molybdenum	98-1	19890	20057	20657	20201	2.00	cps
Neodymium	150-1	339155	341020	340050	340075	0.27	cps
Neodymium	150-2	148868	149283	150988	149713	0.75	cps
Nickel	60-2	176218	176923	177256	176799	0.30	cps
Phosphorus	31-2	22184	21525	21091	21600	2.55	cps
Potassium	39-2	3563696	3585530	3590545	3579924	0.40	cps
Rhodium	103-1	7660288	7648969	7637188	7648815	0.15	cps
Rhodium	103-2	3750471	3742612	3771985	3755023	0.40	cps
Scandium	45-1	5589966	5550561	5527699	5556075	0.57	cps
Scandium	45-2	250343	252292	252276	251637	0.45	cps
Selenium	77-2	337	400	360	366	8.76	cps
Selenium	78-2	352	330	370	351	5.82	cps
Selenium	82-1	388	382	330	367	8.64	cps
Silicon	28-1	10845523	10851256	10902668	10866483	0.29	cps
Silver	109-1	2675	2567	2600	2614	2.12	cps
Silver	107-1	3101	3401	3342	3281	4.85	cps
Sodium	23-2	612061	602967	612838	609289	0.90	cps
Strontium	86-1	1395818	1396513	1398287	1396873	0.09	cps
Strontium	88-1	12422551	12529216	12564447	12505405	0.59	cps
Sulfur	34-1	801129	797794	789923	796282	0.72	cps
Terbium	159-1	12237193	12168023	12226193	12210470	0.30	cps
Terbium	159-2	6413701	6454516	6492135	6453450	0.61	cps
Thallium	203-1	11380	10563	10663	10869	4.10	cps
Thallium	205-1	27780	27429	26502	27237	2.42	cps
Tin	118-1	6260	6243	6360	6288	1.00	cps
Titanium	47-1	1495201	1504282	1486678	1495387	0.59	cps
Uranium	238-1	231421	235685	227820	231642	1.70	cps
Vanadium	51-2	312003	309712	313355	311690	0.59	cps
Yttrium	89-1	11609990	11571084	11582320	11587798	0.17	cps
Yttrium	89-2	1798346	1798692	1800731	1799257	0.07	cps
Zinc	66-2	149092	147445	149384	148641	0.70	cps
Zirconium	90-1	747919	748281	750736	748979	0.20	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-03	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:13:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	165607	165017	169147	166590	1.34	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-04	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(145-147)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:16:42	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12915594	12783552	12926554	12875233	0.62	cps
Antimony	121-1	1133	1025	1292	1150	11.66	cps
Arsenic	75-2	10185	10389	10335	10303	1.03	cps
Barium	135-1	4066211	4102996	4130934	4100047	0.79	cps
Barium	137-1	7171913	7185697	7276425	7211345	0.79	cps
Beryllium	9-1	16020	15547	15013	15527	3.24	cps
Bismuth	209-1	7231504	7283279	7358138	7290974	0.87	cps
Bismuth	209-2	4601676	4612627	4637229	4617178	0.39	cps
Boron	10-1	13181	13690	13356	13409	1.93	cps
Boron	11-1	62531	65074	67392	64999	3.74	cps
Cadmium	111-1	7983	8624	8264	8291	3.88	cps
Cadmium	106-1	10705	11638	10655	10999	5.04	cps
Cadmium	108-1	2342	2259	2146	2249	4.37	cps
Calcium	43-1	3680156	3704799	3753459	3712805	1.00	cps
Calcium	44-1	59809639	60033185	60949641	60264155	1.00	cps
Chromium	52-2	705029	704983	710957	706990	0.49	cps
Cobalt	59-2	565667	573049	577337	572018	1.03	cps
Copper	63-2	823037	828409	831766	827737	0.53	cps
Dysprosium	156-1	383021	385369	390283	386224	0.96	cps
Dysprosium	156-2	208912	208164	208489	208522	0.18	cps
Erbium	164-1	304215	306977	314712	308635	1.76	cps
Erbium	164-2	166941	169130	167758	167943	0.66	cps
Gadolinium	160-1	356479	356819	358828	357375	0.36	cps
Gadolinium	160-2	211365	212861	215661	213296	1.02	cps
Holmium	165-1	11892077	12002259	12185497	12026611	1.23	cps
Holmium	165-2	6649797	6671457	6660986	6660747	0.16	cps
Indium	115-1	8470539	8497427	8592885	8520283	0.75	cps
Indium	115-2	1847795	1874978	1876380	1866384	0.86	cps
Iron	56-2	647488081	645866526	648544281	647299629	0.21	cps
Iron	57-2	15959345	15947993	16152010	16019783	0.72	cps
Lead	206-1	1069596	1072705	1091520	1077940	1.10	cps
Lead	207-1	867533	866325	881283	871714	0.95	cps
Lead	208-1	4109267	4124035	4193030	4142111	1.08	cps
Lithium	6-1	1874708	1861479	1900909	1879032	1.07	cps
Magnesium	24-2	21412727	21484614	21544543	21480628	0.31	cps
Manganese	55-2	8779885	8754078	8819346	8784436	0.37	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-04	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(145-147)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:16:42	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	678109	687170	688046	684441	0.80	cps
Molybdenum	95-1	10830	10571	10171	10524	3.15	cps
Molybdenum	96-1	128971	131080	131635	130562	1.08	cps
Molybdenum	97-1	6510	6327	6460	6432	1.47	cps
Molybdenum	98-1	15692	15868	16126	15896	1.37	cps
Neodymium	150-1	571047	573053	576436	573512	0.47	cps
Neodymium	150-2	252454	253179	253426	253020	0.20	cps
Nickel	60-2	336703	339501	342025	339410	0.78	cps
Phosphorus	31-2	17094	17619	17444	17386	1.54	cps
Potassium	39-2	7740129	7772832	7881595	7798186	0.95	cps
Rhodium	103-1	7574981	7606771	7680136	7620629	0.71	cps
Rhodium	103-2	3728611	3744811	3770944	3748122	0.57	cps
Scandium	45-1	5861360	5894613	5967733	5907902	0.92	cps
Scandium	45-2	269635	272312	272913	271620	0.64	cps
Selenium	77-2	673	630	620	641	4.42	cps
Selenium	78-2	465	454	487	469	3.62	cps
Selenium	82-1	427	527	525	493	11.64	cps
Silicon	28-1	12961913	13159911	13143172	13088332	0.84	cps
Silver	109-1	3834	3826	3567	3742	4.05	cps
Silver	107-1	5068	4809	5310	5062	4.94	cps
Sodium	23-2	657634	656935	663864	659478	0.58	cps
Strontium	86-1	1144666	1148300	1157556	1150174	0.58	cps
Strontium	88-1	10332305	10327219	10391660	10350395	0.35	cps
Sulfur	34-1	486998	485393	489649	487347	0.44	cps
Terbium	159-1	12228622	12196348	12333901	12252957	0.59	cps
Terbium	159-2	6506910	6565581	6561523	6544671	0.50	cps
Thallium	203-1	19265	20141	20759	20055	3.74	cps
Thallium	205-1	48046	49259	49100	48802	1.35	cps
Tin	118-1	8461	7986	8228	8225	2.89	cps
Titanium	47-1	3282222	3297321	3344762	3308102	0.99	cps
Uranium	238-1	281637	284003	283197	282946	0.43	cps
Vanadium	51-2	625754	622388	631747	626630	0.76	cps
Yttrium	89-1	12690903	12672671	12841567	12735047	0.73	cps
Yttrium	89-2	1981134	1998074	2001784	1993664	0.55	cps
Zinc	66-2	300894	303656	302076	302209	0.46	cps
Zirconium	90-1	1850227	1858565	1885187	1864660	0.98	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-04	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(145-147)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:16:42	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	418032	413203	414432	415222	0.60	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-05	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(65-67)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:20:18	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5373786	5450531	5410084	5411467	0.71	cps
Antimony	121-1	525	708	675	636	15.35	cps
Arsenic	75-2	4540	4679	4499	4572	2.06	cps
Barium	135-1	3635276	3633308	3655599	3641394	0.34	cps
Barium	137-1	6394620	6398204	6424847	6405890	0.26	cps
Beryllium	9-1	9353	10131	9509	9664	4.26	cps
Bismuth	209-1	7453158	7429836	7497944	7460313	0.46	cps
Bismuth	209-2	4296566	4689812	4707423	4564600	5.09	cps
Boron	10-1	8594	9103	9003	8900	3.03	cps
Boron	11-1	42411	42761	43104	42758	0.81	cps
Cadmium	111-1	4906	4595	4770	4757	3.28	cps
Cadmium	106-1	6510	5893	6193	6199	4.98	cps
Cadmium	108-1	692	650	671	671	3.11	cps
Calcium	43-1	4109212	4067506	4084943	4087220	0.51	cps
Calcium	44-1	66745737	66414816	66311320	66490624	0.34	cps
Chromium	52-2	299774	305502	300802	302026	1.01	cps
Cobalt	59-2	252961	253055	250699	252238	0.53	cps
Copper	63-2	405313	407988	403137	405480	0.60	cps
Dysprosium	156-1	251400	250191	252485	251359	0.46	cps
Dysprosium	156-2	134477	135310	136707	135498	0.83	cps
Erbium	164-1	204706	202904	200444	202684	1.06	cps
Erbium	164-2	108826	109948	110434	109736	0.75	cps
Gadolinium	160-1	234933	230690	235306	233643	1.10	cps
Gadolinium	160-2	138646	139655	139582	139294	0.40	cps
Holmium	165-1	12009519	12056124	12032305	12032650	0.19	cps
Holmium	165-2	6099609	6629242	6657657	6462169	4.86	cps
Indium	115-1	8580768	8535961	8631744	8582824	0.56	cps
Indium	115-2	1721952	1880936	1886632	1829840	5.11	cps
Iron	56-2	226848400	227522833	226189822	226853685	0.29	cps
Iron	57-2	5579035	5627582	5551357	5585991	0.69	cps
Lead	206-1	475031	473200	471640	473290	0.36	cps
Lead	207-1	378195	381188	380833	380072	0.43	cps
Lead	208-1	1809736	1814693	1813848	1812759	0.15	cps
Lithium	6-1	1814326	1830197	1835435	1826653	0.60	cps
Magnesium	24-2	13122874	13181889	13147467	13150743	0.23	cps
Manganese	55-2	5824377	5873814	5842718	5846970	0.43	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-05	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(65-67)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:20:18	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	205915	206592	203622	205376	0.76	cps
Molybdenum	95-1	5510	5751	5910	5724	3.52	cps
Molybdenum	96-1	41930	42172	42172	42091	0.33	cps
Molybdenum	97-1	3451	3709	3667	3609	3.84	cps
Molybdenum	98-1	8970	9037	9128	9045	0.88	cps
Neodymium	150-1	376751	375630	374230	375537	0.34	cps
Neodymium	150-2	164486	165870	166112	165489	0.53	cps
Nickel	60-2	168505	169817	169183	169168	0.39	cps
Phosphorus	31-2	21149	21750	21416	21438	1.40	cps
Potassium	39-2	4885723	4952675	4883460	4907286	0.80	cps
Rhodium	103-1	7628964	7688604	7694600	7670722	0.47	cps
Rhodium	103-2	3447004	3797045	3780655	3674901	5.38	cps
Scandium	45-1	5587089	5577312	5568982	5577794	0.16	cps
Scandium	45-2	233332	253926	253419	246893	4.76	cps
Selenium	77-2	387	497	470	451	12.72	cps
Selenium	78-2	333	389	359	361	7.71	cps
Selenium	82-1	251	313	329	298	13.92	cps
Silicon	28-1	10040522	10031439	10082797	10051586	0.27	cps
Silver	109-1	1325	1650	1550	1508	11.04	cps
Silver	107-1	2309	1950	1950	2070	10.00	cps
Sodium	23-2	723953	722291	728199	724814	0.42	cps
Strontium	86-1	993572	1013597	1001747	1002972	1.00	cps
Strontium	88-1	8921617	9065380	9024245	9003747	0.82	cps
Sulfur	34-1	587555	586505	588393	587484	0.16	cps
Terbium	159-1	12238604	12258381	12347659	12281548	0.47	cps
Terbium	159-2	5976512	6565422	6506818	6349584	5.11	cps
Thallium	203-1	14225	14567	14008	14267	1.98	cps
Thallium	205-1	33526	34688	33686	33967	1.85	cps
Tin	118-1	4909	5076	4801	4929	2.81	cps
Titanium	47-1	1644585	1629004	1625843	1633144	0.61	cps
Uranium	238-1	266428	268337	267438	267401	0.36	cps
Vanadium	51-2	317783	316734	315653	316723	0.34	cps
Yttrium	89-1	11455386	11584694	11562434	11534171	0.60	cps
Yttrium	89-2	1676536	1799418	1798205	1758053	4.02	cps
Zinc	66-2	118489	119692	119285	119156	0.51	cps
Zirconium	90-1	555233	559795	554568	556532	0.51	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-05	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(65-67)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:20:18	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125346	123782	123990	124373	0.68	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-06	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(70-72)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:23:52	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5429157	5387380	5323587	5380041	0.99	cps
Antimony	121-1	475	567	700	581	19.49	cps
Arsenic	75-2	5862	5940	5812	5872	1.10	cps
Barium	135-1	2556929	2546394	2530454	2544592	0.52	cps
Barium	137-1	4459550	4515345	4463477	4479457	0.70	cps
Beryllium	9-1	8352	8408	8475	8412	0.73	cps
Bismuth	209-1	7309295	7350985	7337841	7332707	0.29	cps
Bismuth	209-2	4621687	4644446	4576296	4614143	0.75	cps
Boron	10-1	7719	8128	8728	8191	6.20	cps
Boron	11-1	37230	37690	37405	37442	0.62	cps
Cadmium	111-1	5120	4614	4882	4872	5.20	cps
Cadmium	106-1	6519	5876	6310	6235	5.25	cps
Cadmium	108-1	788	708	842	779	8.61	cps
Calcium	43-1	4391764	4384427	4349425	4375205	0.52	cps
Calcium	44-1	71317277	70925777	70840862	71027972	0.36	cps
Chromium	52-2	304969	303215	301210	303131	0.62	cps
Cobalt	59-2	263626	263428	260017	262357	0.77	cps
Copper	63-2	453115	450146	447296	450186	0.65	cps
Dysprosium	156-1	234533	236262	233411	234735	0.61	cps
Dysprosium	156-2	127323	126771	125745	126613	0.63	cps
Erbium	164-1	195948	195978	196993	196306	0.30	cps
Erbium	164-2	107780	106854	106517	107050	0.61	cps
Gadolinium	160-1	225354	221564	223125	223348	0.85	cps
Gadolinium	160-2	133405	132734	131657	132599	0.66	cps
Holmium	165-1	11860641	11917352	11914013	11897335	0.27	cps
Holmium	165-2	6598968	6588781	6522680	6570143	0.63	cps
Indium	115-1	8501427	8551707	8535285	8529473	0.30	cps
Indium	115-2	1828564	1877030	1855920	1853838	1.31	cps
Iron	56-2	261942228	261433806	258621700	260665911	0.69	cps
Iron	57-2	6466806	6458814	6378226	6434615	0.76	cps
Lead	206-1	503787	501919	499797	501834	0.40	cps
Lead	207-1	404178	405139	395566	401628	1.31	cps
Lead	208-1	1919294	1916969	1898660	1911641	0.59	cps
Lithium	6-1	1803693	1821627	1818258	1814526	0.53	cps
Magnesium	24-2	13762955	13650947	13553600	13655834	0.77	cps
Manganese	55-2	5896321	5826800	5772823	5831981	1.06	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-06	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(70-72)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:23:52	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	236765	235739	232664	235056	0.91	cps
Molybdenum	95-1	8861	7903	8520	8428	5.77	cps
Molybdenum	96-1	49428	49997	49511	49646	0.62	cps
Molybdenum	97-1	5335	5243	4976	5184	3.59	cps
Molybdenum	98-1	13749	13966	13090	13601	3.35	cps
Neodymium	150-1	336104	341002	334073	337060	1.06	cps
Neodymium	150-2	149299	146858	147293	147817	0.88	cps
Nickel	60-2	163086	163466	161987	162846	0.47	cps
Phosphorus	31-2	20415	21224	20256	20632	2.52	cps
Potassium	39-2	4480603	4474360	4430047	4461670	0.62	cps
Rhodium	103-1	7621757	7664426	7566251	7617478	0.65	cps
Rhodium	103-2	3736755	3760598	3707903	3735086	0.71	cps
Scandium	45-1	5474306	5496365	5513816	5494829	0.36	cps
Scandium	45-2	248269	253628	250259	250719	1.08	cps
Selenium	77-2	410	310	383	368	14.08	cps
Selenium	78-2	356	337	326	340	4.41	cps
Selenium	82-1	280	302	248	277	9.83	cps
Silicon	28-1	10049967	9788802	9767973	9868914	1.59	cps
Silver	109-1	1859	1575	1817	1750	8.74	cps
Silver	107-1	2484	2575	2742	2600	5.04	cps
Sodium	23-2	578191	577638	566463	574097	1.15	cps
Strontium	86-1	1207693	1208736	1211364	1209264	0.16	cps
Strontium	88-1	10840061	10837014	10883240	10853438	0.24	cps
Sulfur	34-1	674600	675742	662061	670801	1.13	cps
Terbium	159-1	12155116	12130347	12119257	12134907	0.15	cps
Terbium	159-2	6473036	6482538	6427864	6461146	0.45	cps
Thallium	203-1	13057	12815	13098	12990	1.18	cps
Thallium	205-1	31380	32549	31998	31975	1.83	cps
Tin	118-1	5593	5318	5660	5524	3.28	cps
Titanium	47-1	1654164	1632562	1639086	1641938	0.67	cps
Uranium	238-1	244379	245630	248715	246241	0.91	cps
Vanadium	51-2	311454	311136	307696	310095	0.67	cps
Yttrium	89-1	11408837	11409291	11444605	11420911	0.18	cps
Yttrium	89-2	1777787	1788783	1755988	1774186	0.94	cps
Zinc	66-2	131250	129858	128597	129902	1.02	cps
Zirconium	90-1	633834	629725	627128	630229	0.54	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-06	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(70-72)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:23:52	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	141745	141535	140516	141265	0.47	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:27:27	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3439931	3392605	3426115	3419550	0.71	cps
Antimony	121-1	4086880	4054041	4045109	4062010	0.54	cps
Arsenic	75-2	137948	135860	137642	137150	0.82	cps
Barium	135-1	5063808	5025932	5001867	5030536	0.62	cps
Barium	137-1	8793087	8741750	8748484	8761107	0.32	cps
Beryllium	9-1	717063	710607	709538	712403	0.57	cps
Bismuth	209-1	7674058	7660106	7560918	7631694	0.81	cps
Bismuth	209-2	4811945	4751363	4767258	4776855	0.66	cps
Boron	10-1	80707	81964	81016	81229	0.81	cps
Boron	11-1	376206	376532	376011	376250	0.07	cps
Cadmium	111-1	913632	909638	903077	908782	0.59	cps
Cadmium	106-1	103418	103811	100639	102623	1.68	cps
Cadmium	108-1	69231	69172	68376	68926	0.69	cps
Calcium	43-1	5420342	5414473	5376935	5403916	0.44	cps
Calcium	44-1	88217642	87997362	87406217	87873740	0.48	cps
Chromium	52-2	1144264	1136123	1144824	1141737	0.43	cps
Cobalt	59-2	1755522	1736136	1760072	1750577	0.73	cps
Copper	63-2	2420203	2397863	2421146	2413071	0.55	cps
Dysprosium	156-1	117	208	142	156	30.47	cps
Dysprosium	156-2	107	113	80	100	17.64	cps
Erbium	164-1	83	125	108	106	19.87	cps
Erbium	164-2	50	23	60	44	42.65	cps
Gadolinium	160-1	142	175	167	161	10.77	cps
Gadolinium	160-2	177	167	130	158	15.57	cps
Holmium	165-1	12716617	12591440	12537360	12615139	0.73	cps
Holmium	165-2	6931909	6841736	6866052	6879899	0.68	cps
Indium	115-1	9026014	8885401	8861747	8924387	1.00	cps
Indium	115-2	1950144	1933340	1947835	1943773	0.47	cps
Iron	56-2	229875105	228116405	230044177	229345229	0.47	cps
Iron	57-2	5692084	5618098	5691244	5667142	0.75	cps
Lead	206-1	3241218	3211591	3203902	3218904	0.61	cps
Lead	207-1	2868897	2844407	2831419	2848241	0.67	cps
Lead	208-1	13086796	13006822	12938981	13010866	0.57	cps
Lithium	6-1	1917929	1899618	1904282	1907276	0.50	cps
Magnesium	24-2	38321098	38069229	38318901	38236409	0.38	cps
Manganese	55-2	1281620	1277471	1285625	1281572	0.32	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:27:27	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7884518	7827916	7751367	7821267	0.85	cps
Molybdenum	95-1	9686995	9554311	9511311	9584206	0.96	cps
Molybdenum	96-1	10743794	10610626	10586554	10646991	0.80	cps
Molybdenum	97-1	6072002	5998580	5975826	6015470	0.84	cps
Molybdenum	98-1	15603076	15407289	15307069	15439145	0.98	cps
Neodymium	150-1	480	420	493	464	8.41	cps
Neodymium	150-2	47	57	53	52	9.75	cps
Nickel	60-2	466970	459723	463532	463408	0.78	cps
Phosphorus	31-2	38133	37114	38450	37899	1.84	cps
Potassium	39-2	20419284	20149069	20446194	20338182	0.81	cps
Rhodium	103-1	8086412	7954255	7950681	7997116	0.97	cps
Rhodium	103-2	3894930	3880398	3904566	3893298	0.31	cps
Scandium	45-1	5558209	5510855	5479621	5516228	0.72	cps
Scandium	45-2	249758	248065	250306	249376	0.47	cps
Selenium	77-2	2677	2767	2834	2759	2.85	cps
Selenium	78-2	9609	9351	9359	9440	1.55	cps
Selenium	82-1	54895	54096	54173	54388	0.81	cps
Silicon	28-1	3116355	3137758	3147555	3133889	0.51	cps
Silver	109-1	4309885	4266362	4223537	4266595	1.01	cps
Silver	107-1	4464994	4435869	4435246	4445370	0.38	cps
Sodium	23-2	71030004	70414716	71224972	70889897	0.60	cps
Strontium	86-1	1234132	1225638	1219504	1226425	0.60	cps
Strontium	88-1	11044301	11034184	10991937	11023474	0.25	cps
Sulfur	34-1	704536	696893	690871	697434	0.98	cps
Terbium	159-1	12980757	12788280	12813175	12860737	0.81	cps
Terbium	159-2	6808382	6732525	6745210	6762039	0.60	cps
Thallium	203-1	3950409	3953128	3934971	3946169	0.25	cps
Thallium	205-1	9612148	9624861	9630259	9622423	0.10	cps
Tin	118-1	3092106	3077818	3050620	3073515	0.69	cps
Titanium	47-1	2543166	2515800	2487141	2515369	1.11	cps
Uranium	238-1	13975250	13839922	13883570	13899581	0.50	cps
Vanadium	51-2	933104	925692	937297	932031	0.63	cps
Yttrium	89-1	9714403	9610389	9555280	9626691	0.84	cps
Yttrium	89-2	1494583	1477008	1481802	1484464	0.61	cps
Zinc	66-2	348841	350607	352105	350517	0.47	cps
Zirconium	90-1	6626236	6537419	6519680	6561111	0.87	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:27:27	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1447295	1437453	1419258	1434669	0.99	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : CCB61 Instrumnet Name : P7
 Client Sample ID : CCB61 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 14:42:25 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	133	142	131	9.75	cps
Antimony	121-1	567	492	892	650	32.71	cps
Arsenic	75-2	4	11	4	6	69.34	cps
Barium	135-1	200	200	142	181	18.65	cps
Barium	137-1	225	308	242	258	17.07	cps
Beryllium	9-1	233	200	172	202	15.16	cps
Bismuth	209-1	7827058	7857764	7813736	7832853	0.29	cps
Bismuth	209-2	4926025	4943023	5000632	4956560	0.79	cps
Boron	10-1	683	792	658	711	9.97	cps
Boron	11-1	3234	3351	2975	3187	6.02	cps
Cadmium	111-1	2416	2238	2396	2350	4.14	cps
Cadmium	106-1	3442	3184	3409	3345	4.20	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	283	292	250	275	8.02	cps
Calcium	44-1	8561	9070	8995	8875	3.09	cps
Chromium	52-2	127	170	160	152	14.90	cps
Cobalt	59-2	120	73	97	97	24.14	cps
Copper	63-2	947	977	970	964	1.63	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	58	50	33	47	26.97	cps
Erbium	164-2	20	23	13	19	26.96	cps
Gadolinium	160-1	92	42	100	78	40.56	cps
Gadolinium	160-2	117	150	167	144	17.62	cps
Holmium	165-1	12151474	12008479	12119489	12093147	0.62	cps
Holmium	165-2	6710427	6700728	6717361	6709505	0.12	cps
Indium	115-1	9094330	9029962	9044345	9056212	0.37	cps
Indium	115-2	1997101	1985266	2012682	1998350	0.69	cps
Iron	56-2	9309	9453	9926	9563	3.37	cps
Iron	57-2	478	567	567	537	9.56	cps
Lead	206-1	706	811	672	730	9.94	cps
Lead	207-1	594	467	589	550	13.13	cps
Lead	208-1	2761	2756	2678	2732	1.71	cps
Lithium	6-1	1889899	1886759	1898890	1891850	0.33	cps
Magnesium	24-2	1050	1000	825	958	12.33	cps
Manganese	55-2	133	107	123	121	11.12	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:42:25	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	475	450	350	425	15.56	cps
Molybdenum	95-1	242	292	250	261	10.26	cps
Molybdenum	96-1	350	458	300	369	21.91	cps
Molybdenum	97-1	217	175	275	222	22.60	cps
Molybdenum	98-1	433	583	375	464	23.17	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	113	130	123	7.15	cps
Phosphorus	31-2	383	342	367	364	5.76	cps
Potassium	39-2	37774	38526	37624	37975	1.27	cps
Rhodium	103-1	8352465	8374302	8385492	8370753	0.20	cps
Rhodium	103-2	4092106	4109539	4118846	4106831	0.33	cps
Scandium	45-1	5432726	5415680	5445098	5431168	0.27	cps
Scandium	45-2	245244	245257	247967	246156	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	80	57	54	64	22.06	cps
Selenium	82-1	-37	13	21	-1	-3780.85	cps
Silicon	28-1	401638	399062	404084	401595	0.63	cps
Silver	109-1	175	75	67	106	57.11	cps
Silver	107-1	150	150	133	144	6.66	cps
Sodium	23-2	17961	16610	17344	17305	3.91	cps
Strontium	86-1	783	733	658	725	8.68	cps
Strontium	88-1	225	383	267	292	28.14	cps
Sulfur	34-1	402021	406233	412258	406837	1.26	cps
Terbium	159-1	12330294	12368251	12354467	12351004	0.16	cps
Terbium	159-2	6584821	6550140	6579837	6571599	0.29	cps
Thallium	203-1	142	225	142	169	28.40	cps
Thallium	205-1	433	450	433	439	2.19	cps
Tin	118-1	1225	1175	1167	1189	2.65	cps
Titanium	47-1	142	133	142	139	3.46	cps
Uranium	238-1	200	175	233	203	14.43	cps
Vanadium	51-2	23	7	13	14	58.06	cps
Yttrium	89-1	9364988	9415869	9389849	9390235	0.27	cps
Yttrium	89-2	1467960	1474065	1481679	1474568	0.47	cps
Zinc	66-2	313	313	247	291	13.22	cps
Zirconium	90-1	592	692	750	678	11.81	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:42:25	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	158	183	158	15.79	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-07	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:45:58	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7146590	7159531	7115014	7140378	0.32	cps
Antimony	121-1	1233	1517	1408	1386	10.31	cps
Arsenic	75-2	9272	9342	9331	9315	0.41	cps
Barium	135-1	909278	901598	908556	906477	0.47	cps
Barium	137-1	1579078	1579739	1586967	1581928	0.28	cps
Beryllium	9-1	6446	6402	6479	6442	0.61	cps
Bismuth	209-1	7192458	7170525	7253691	7205558	0.60	cps
Bismuth	209-2	4611898	4640662	4631208	4627923	0.32	cps
Boron	10-1	3609	3526	3409	3514	2.86	cps
Boron	11-1	15525	15050	15392	15322	1.60	cps
Cadmium	111-1	4411	4203	4755	4456	6.26	cps
Cadmium	106-1	6243	5776	6368	6129	5.09	cps
Cadmium	108-1	913	838	825	858	5.51	cps
Calcium	43-1	512134	513248	517341	514241	0.53	cps
Calcium	44-1	8491694	8475319	8561463	8509492	0.54	cps
Chromium	52-2	399847	399601	391579	397009	1.18	cps
Cobalt	59-2	268985	271269	269690	269981	0.43	cps
Copper	63-2	419441	418605	417740	418595	0.20	cps
Dysprosium	156-1	180288	180109	179148	179848	0.34	cps
Dysprosium	156-2	96902	98422	97935	97753	0.79	cps
Erbium	164-1	154997	153960	152307	153755	0.88	cps
Erbium	164-2	84777	86038	84408	85074	1.00	cps
Gadolinium	160-1	164090	167835	165887	165937	1.13	cps
Gadolinium	160-2	100115	101032	101287	100811	0.61	cps
Holmium	165-1	11705427	11673750	11621111	11666763	0.37	cps
Holmium	165-2	6496034	6540281	6559033	6531783	0.50	cps
Indium	115-1	8441385	8472353	8502582	8472106	0.36	cps
Indium	115-2	1857957	1883763	1874608	1872109	0.70	cps
Iron	56-2	333137574	333952685	331999252	333029837	0.29	cps
Iron	57-2	8240849	8228779	8210017	8226549	0.19	cps
Lead	206-1	954765	956085	962878	957909	0.45	cps
Lead	207-1	757922	766556	767287	763922	0.68	cps
Lead	208-1	3624300	3649318	3665252	3646290	0.57	cps
Lithium	6-1	1836319	1823468	1832274	1830687	0.36	cps
Magnesium	24-2	5037211	5042554	5039589	5039785	0.05	cps
Manganese	55-2	4190492	4199332	4173606	4187810	0.31	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-07	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:45:58	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	264955	263515	267630	265366	0.79	cps
Molybdenum	95-1	19539	18796	18404	18913	3.05	cps
Molybdenum	96-1	66974	65861	66832	66556	0.91	cps
Molybdenum	97-1	11805	11839	11855	11833	0.22	cps
Molybdenum	98-1	31502	29840	30976	30773	2.76	cps
Neodymium	150-1	263254	261219	259798	261424	0.66	cps
Neodymium	150-2	116950	118453	117670	117691	0.64	cps
Nickel	60-2	151587	151987	149705	151093	0.81	cps
Phosphorus	31-2	32470	31869	31593	31977	1.40	cps
Potassium	39-2	1448667	1456548	1438506	1447907	0.62	cps
Rhodium	103-1	7741197	7690820	7713796	7715271	0.33	cps
Rhodium	103-2	3825695	3849105	3806401	3827067	0.56	cps
Scandium	45-1	5615971	5583071	5603111	5600718	0.30	cps
Scandium	45-2	254507	254322	254845	254558	0.10	cps
Selenium	77-2	347	287	310	314	9.62	cps
Selenium	78-2	328	289	283	300	8.07	cps
Selenium	82-1	309	389	349	349	11.59	cps
Silicon	28-1	9405033	9359575	9401313	9388641	0.27	cps
Silver	109-1	2184	1984	2092	2086	4.80	cps
Silver	107-1	2617	2725	2759	2700	2.74	cps
Sodium	23-2	2009399	2001027	2006532	2005653	0.21	cps
Strontium	86-1	453787	454153	455667	454536	0.22	cps
Strontium	88-1	4020254	4039288	4042707	4034083	0.30	cps
Sulfur	34-1	363004	350828	343492	352441	2.80	cps
Terbium	159-1	11863628	11909642	11933096	11902122	0.30	cps
Terbium	159-2	6364882	6418991	6400082	6394652	0.43	cps
Thallium	203-1	6118	6844	6410	6457	5.65	cps
Thallium	205-1	15593	15710	15067	15457	2.21	cps
Tin	118-1	17019	17336	16535	16964	2.38	cps
Titanium	47-1	1123355	1120856	1122803	1122338	0.12	cps
Uranium	238-1	146146	145476	147923	146515	0.86	cps
Vanadium	51-2	345135	347370	343588	345364	0.55	cps
Yttrium	89-1	10666024	10672458	10684549	10674344	0.09	cps
Yttrium	89-2	1672236	1682539	1679327	1678034	0.31	cps
Zinc	66-2	143740	145021	144631	144464	0.45	cps
Zirconium	90-1	692206	694206	695785	694066	0.26	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-07	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:45:58	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	156985	156260	154988	156078	0.65	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-08	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:49:32	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5009058	5009833	4982855	5000582	0.31	cps
Antimony	121-1	783	883	933	867	8.81	cps
Arsenic	75-2	4654	4690	4534	4626	1.76	cps
Barium	135-1	460125	463078	459473	460892	0.42	cps
Barium	137-1	793141	800291	800970	798134	0.54	cps
Beryllium	9-1	3706	4173	4201	4027	6.90	cps
Bismuth	209-1	7326548	7376655	7381690	7361631	0.41	cps
Bismuth	209-2	4687119	4717988	4684428	4696512	0.40	cps
Boron	10-1	2375	2400	2567	2448	4.26	cps
Boron	11-1	11605	11905	11797	11769	1.29	cps
Cadmium	111-1	4027	3814	3949	3930	2.73	cps
Cadmium	106-1	5059	4793	4993	4948	2.81	cps
Cadmium	108-1	533	546	471	517	7.78	cps
Calcium	43-1	279936	279443	279052	279477	0.16	cps
Calcium	44-1	4620256	4612525	4590655	4607812	0.33	cps
Chromium	52-2	239340	237485	237783	238203	0.42	cps
Cobalt	59-2	198300	198169	198186	198218	0.04	cps
Copper	63-2	272183	274621	272547	273117	0.48	cps
Dysprosium	156-1	160209	161835	160318	160787	0.57	cps
Dysprosium	156-2	87107	87979	87939	87675	0.56	cps
Erbium	164-1	133901	133438	134230	133856	0.30	cps
Erbium	164-2	73040	73824	72953	73273	0.65	cps
Gadolinium	160-1	149425	149263	151454	150048	0.81	cps
Gadolinium	160-2	89939	91238	89895	90357	0.84	cps
Holmium	165-1	11780140	11845388	11913733	11846420	0.56	cps
Holmium	165-2	6534141	6520930	6505359	6520143	0.22	cps
Indium	115-1	8537241	8614437	8603636	8585105	0.49	cps
Indium	115-2	1877749	1917764	1890967	1895493	1.08	cps
Iron	56-2	191316715	192344204	191039776	191566899	0.36	cps
Iron	57-2	4664625	4730483	4711065	4702058	0.72	cps
Lead	206-1	354888	359666	357050	357201	0.67	cps
Lead	207-1	286110	288578	283196	285961	0.94	cps
Lead	208-1	1356581	1362959	1359385	1359642	0.24	cps
Lithium	6-1	1823431	1838829	1845603	1835954	0.62	cps
Magnesium	24-2	3943181	3928178	3926419	3932593	0.23	cps
Manganese	55-2	3694665	3728685	3694487	3705946	0.53	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-08	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:49:32	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	149542	150982	147773	149432	1.08	cps
Molybdenum	95-1	3926	4026	3909	3954	1.60	cps
Molybdenum	96-1	30851	31077	32029	31319	2.00	cps
Molybdenum	97-1	2492	2759	2334	2528	8.50	cps
Molybdenum	98-1	5893	5793	6343	6010	4.88	cps
Neodymium	150-1	238931	239751	237961	238881	0.38	cps
Neodymium	150-2	106960	107064	105580	106534	0.78	cps
Nickel	60-2	119640	120954	119899	120164	0.58	cps
Phosphorus	31-2	20899	20899	20540	20779	1.00	cps
Potassium	39-2	972203	975710	983338	977084	0.58	cps
Rhodium	103-1	7796907	7777908	7849477	7808098	0.47	cps
Rhodium	103-2	3848339	3890866	3864720	3867975	0.55	cps
Scandium	45-1	5422441	5437730	5435671	5431948	0.15	cps
Scandium	45-2	247324	247530	245494	246783	0.45	cps
Selenium	77-2	330	300	257	296	12.48	cps
Selenium	78-2	276	267	219	254	12.15	cps
Selenium	82-1	161	155	246	187	27.12	cps
Silicon	28-1	8480046	8437832	8476656	8464845	0.28	cps
Silver	109-1	1650	1567	1700	1639	4.11	cps
Silver	107-1	1792	2025	1992	1936	6.52	cps
Sodium	23-2	1129846	1131359	1143197	1134801	0.64	cps
Strontium	86-1	178672	176336	176531	177180	0.73	cps
Strontium	88-1	1532991	1548730	1556302	1546008	0.77	cps
Sulfur	34-1	310792	309571	303720	308028	1.23	cps
Terbium	159-1	12037626	12076796	12117468	12077297	0.33	cps
Terbium	159-2	6381634	6475811	6467216	6441554	0.81	cps
Thallium	203-1	4067	4476	4543	4362	5.90	cps
Thallium	205-1	9929	10171	10229	10110	1.57	cps
Tin	118-1	8386	8853	8736	8659	2.81	cps
Titanium	47-1	1605694	1602349	1602580	1603541	0.12	cps
Uranium	238-1	109191	106917	107897	108002	1.06	cps
Vanadium	51-2	210526	212220	211355	211367	0.40	cps
Yttrium	89-1	10545111	10572000	10592893	10570001	0.23	cps
Yttrium	89-2	1641290	1664644	1651731	1652555	0.71	cps
Zinc	66-2	106247	105645	107237	106376	0.76	cps
Zirconium	90-1	409011	407866	407883	408253	0.16	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-08	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:49:32	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	90368	87944	90091	89468	1.48	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-01	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:53:07	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4953252	4831927	4803131	4862770	1.64	cps
Antimony	121-1	1150	1308	1133	1197	8.07	cps
Arsenic	75-2	4454	4340	4143	4312	3.65	cps
Barium	135-1	706223	711138	712089	709817	0.44	cps
Barium	137-1	1232173	1254359	1239898	1242143	0.91	cps
Beryllium	9-1	5251	5168	4856	5092	4.08	cps
Bismuth	209-1	7331664	7394683	7371547	7365965	0.43	cps
Bismuth	209-2	4743994	4666936	4710995	4707308	0.82	cps
Boron	10-1	3092	3426	3217	3245	5.19	cps
Boron	11-1	14875	14332	14991	14733	2.39	cps
Cadmium	111-1	4468	4374	4309	4384	1.82	cps
Cadmium	106-1	5343	5118	5143	5201	2.37	cps
Cadmium	108-1	550	583	654	596	8.93	cps
Calcium	43-1	720564	730791	718856	723404	0.89	cps
Calcium	44-1	11814065	12100738	11879938	11931580	1.26	cps
Chromium	52-2	281699	274517	272691	276302	1.72	cps
Cobalt	59-2	212147	207082	209337	209522	1.21	cps
Copper	63-2	407766	402770	403118	404551	0.69	cps
Dysprosium	156-1	166894	168784	167715	167798	0.56	cps
Dysprosium	156-2	92498	90311	89982	90930	1.50	cps
Erbium	164-1	132167	134232	130940	132446	1.26	cps
Erbium	164-2	74904	73593	72343	73613	1.74	cps
Gadolinium	160-1	146511	147597	148682	147597	0.74	cps
Gadolinium	160-2	91513	88342	89268	89708	1.82	cps
Holmium	165-1	11740832	11848242	11868721	11819265	0.58	cps
Holmium	165-2	6706322	6544870	6580609	6610600	1.28	cps
Indium	115-1	8553023	8625341	8640556	8606307	0.54	cps
Indium	115-2	1927535	1886654	1894702	1902964	1.14	cps
Iron	56-2	183190254	179439493	179213843	180614530	1.24	cps
Iron	57-2	4526287	4406947	4413000	4448745	1.51	cps
Lead	206-1	453883	455263	452865	454003	0.27	cps
Lead	207-1	367429	367824	361332	365528	1.00	cps
Lead	208-1	1740884	1745328	1726145	1737452	0.58	cps
Lithium	6-1	1793615	1826841	1818387	1812948	0.95	cps
Magnesium	24-2	4408450	4312835	4310288	4343858	1.29	cps
Manganese	55-2	4611118	4530591	4508215	4549975	1.19	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-01	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:53:07	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	155210	155917	156347	155825	0.37	cps
Molybdenum	95-1	6093	5785	6018	5965	2.70	cps
Molybdenum	96-1	33899	33432	32997	33443	1.35	cps
Molybdenum	97-1	3734	3692	3734	3720	0.65	cps
Molybdenum	98-1	9746	9137	9996	9626	4.59	cps
Neodymium	150-1	257189	257794	254623	256535	0.66	cps
Neodymium	150-2	117814	114490	115474	115926	1.47	cps
Nickel	60-2	152366	148638	149977	150327	1.26	cps
Phosphorus	31-2	11405	10921	10813	11046	2.85	cps
Potassium	39-2	1252973	1218002	1219134	1230036	1.62	cps
Rhodium	103-1	7826495	7815967	7865107	7835856	0.33	cps
Rhodium	103-2	3922717	3815930	3833487	3857378	1.48	cps
Scandium	45-1	5426872	5546537	5480138	5484516	1.09	cps
Scandium	45-2	253520	248483	248221	250075	1.19	cps
Selenium	77-2	300	287	313	300	4.44	cps
Selenium	78-2	269	263	246	259	4.46	cps
Selenium	82-1	230	177	211	206	13.00	cps
Silicon	28-1	30925077	31238998	31097265	31087113	0.51	cps
Silver	109-1	1734	1759	1709	1734	1.44	cps
Silver	107-1	2384	2109	2025	2172	8.63	cps
Sodium	23-2	1453575	1416059	1419141	1429592	1.46	cps
Strontium	86-1	446848	459760	454548	453719	1.43	cps
Strontium	88-1	4025103	4045781	4034846	4035243	0.26	cps
Sulfur	34-1	315562	312899	317153	315204	0.68	cps
Terbium	159-1	11945059	12117481	12137986	12066842	0.88	cps
Terbium	159-2	6534807	6436085	6471701	6480865	0.77	cps
Thallium	203-1	4859	4643	4901	4801	2.89	cps
Thallium	205-1	11147	11922	11672	11581	3.42	cps
Tin	118-1	8311	8678	8578	8522	2.23	cps
Titanium	47-1	1768207	1789022	1774582	1777270	0.60	cps
Uranium	238-1	125630	126845	125976	126150	0.50	cps
Vanadium	51-2	255017	247281	247935	250077	1.72	cps
Yttrium	89-1	10683569	10776955	10756037	10738854	0.46	cps
Yttrium	89-2	1718544	1676673	1675724	1690314	1.45	cps
Zinc	66-2	90844	89291	89586	89907	0.92	cps
Zirconium	90-1	411555	416790	416731	415025	0.72	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-01	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:53:07	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	91543	93496	92247	92429	1.07	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:56:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5427962	5451903	5470196	5450020	0.39	cps
Antimony	121-1	633	758	675	689	9.24	cps
Arsenic	75-2	6083	6033	6331	6149	2.60	cps
Barium	135-1	400905	397143	399337	399128	0.47	cps
Barium	137-1	700512	690022	695398	695311	0.75	cps
Beryllium	9-1	4968	4929	4795	4897	1.85	cps
Bismuth	209-1	7328037	7019391	7312839	7220089	2.41	cps
Bismuth	209-2	4639633	4653967	4666075	4653225	0.28	cps
Boron	10-1	3059	3034	2817	2970	4.48	cps
Boron	11-1	13256	13673	13490	13473	1.55	cps
Cadmium	111-1	3642	3625	3881	3716	3.86	cps
Cadmium	106-1	4659	4784	5018	4820	3.77	cps
Cadmium	108-1	558	629	521	569	9.66	cps
Calcium	43-1	136551	135778	135120	135817	0.53	cps
Calcium	44-1	2227066	2206897	2219799	2217921	0.46	cps
Chromium	52-2	241679	243709	244098	243162	0.53	cps
Cobalt	59-2	230633	230749	233924	231769	0.81	cps
Copper	63-2	207199	206517	210021	207912	0.89	cps
Dysprosium	156-1	100886	99862	102801	101183	1.47	cps
Dysprosium	156-2	52246	52373	52891	52503	0.65	cps
Erbium	164-1	77998	77779	77403	77727	0.39	cps
Erbium	164-2	42369	42760	43195	42775	0.97	cps
Gadolinium	160-1	85148	84822	84737	84903	0.26	cps
Gadolinium	160-2	51051	50871	51061	50994	0.21	cps
Holmium	165-1	11686495	11267897	11672730	11542374	2.06	cps
Holmium	165-2	6486598	6521570	6497256	6501808	0.28	cps
Indium	115-1	8531964	8143661	8512532	8396052	2.61	cps
Indium	115-2	1861599	1863321	1885018	1869979	0.70	cps
Iron	56-2	202811577	201753343	202845021	202469980	0.31	cps
Iron	57-2	4971402	4985439	5015162	4990667	0.45	cps
Lead	206-1	438854	437412	441361	439209	0.45	cps
Lead	207-1	349067	350102	349977	349715	0.16	cps
Lead	208-1	1664885	1669183	1667782	1667283	0.13	cps
Lithium	6-1	1808701	1715390	1782444	1768845	2.72	cps
Magnesium	24-2	3082728	3095378	3101748	3093285	0.31	cps
Manganese	55-2	3569241	3556159	3570415	3565272	0.22	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:56:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	186952	184797	184239	185329	0.77	cps
Molybdenum	95-1	8394	8228	8036	8219	2.18	cps
Molybdenum	96-1	42030	40801	40257	41029	2.21	cps
Molybdenum	97-1	4859	4984	5526	5123	6.92	cps
Molybdenum	98-1	12823	12856	13323	13001	2.15	cps
Neodymium	150-1	150553	150210	149373	150045	0.40	cps
Neodymium	150-2	67816	66674	68100	67530	1.12	cps
Nickel	60-2	114318	115148	115063	114843	0.40	cps
Phosphorus	31-2	14032	13932	13523	13829	1.95	cps
Potassium	39-2	982781	976382	982447	980536	0.37	cps
Rhodium	103-1	7774103	7436404	7781555	7664021	2.57	cps
Rhodium	103-2	3776540	3797085	3845390	3806338	0.93	cps
Scandium	45-1	5426726	5197883	5394623	5339744	2.32	cps
Scandium	45-2	242747	246818	247747	245771	1.08	cps
Selenium	77-2	187	187	200	191	4.03	cps
Selenium	78-2	204	187	194	195	4.28	cps
Selenium	82-1	232	103	173	169	37.88	cps
Silicon	28-1	10845318	10792292	10895613	10844408	0.48	cps
Silver	109-1	867	917	783	856	7.87	cps
Silver	107-1	1158	1342	1142	1214	9.14	cps
Sodium	23-2	1005044	998481	1010670	1004732	0.61	cps
Strontium	86-1	261601	257260	261888	260250	1.00	cps
Strontium	88-1	2301966	2287154	2281790	2290304	0.46	cps
Sulfur	34-1	281998	280450	285562	282670	0.93	cps
Terbium	159-1	11976000	11431424	11978755	11795393	2.67	cps
Terbium	159-2	6370894	6366563	6383120	6373526	0.13	cps
Thallium	203-1	5160	4926	4926	5004	2.69	cps
Thallium	205-1	12290	12406	11989	12228	1.76	cps
Tin	118-1	6543	6443	6218	6402	2.60	cps
Titanium	47-1	1365364	1361292	1363092	1363249	0.15	cps
Uranium	238-1	113613	113303	114496	113804	0.54	cps
Vanadium	51-2	238516	239149	237643	238436	0.32	cps
Yttrium	89-1	9836968	9401237	9785879	9674695	2.46	cps
Yttrium	89-2	1516573	1520925	1529417	1522305	0.43	cps
Zinc	66-2	69357	69223	71209	69930	1.59	cps
Zirconium	90-1	497000	500763	494464	497409	0.64	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 14:56:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	110567	109919	110104	110197	0.30	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DUP	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:00:18	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5572078	5578864	5536466	5562469	0.41	cps
Antimony	121-1	717	758	567	681	14.81	cps
Arsenic	75-2	6394	6170	6261	6275	1.80	cps
Barium	135-1	396733	403844	400866	400481	0.89	cps
Barium	137-1	691866	703099	706460	700475	1.09	cps
Beryllium	9-1	4856	5029	5095	4994	2.47	cps
Bismuth	209-1	7337904	7405965	7417204	7387024	0.58	cps
Bismuth	209-2	4704644	4700937	4744677	4716753	0.51	cps
Boron	10-1	2792	3117	2792	2900	6.47	cps
Boron	11-1	13240	13807	12906	13317	3.42	cps
Cadmium	111-1	3652	3959	3701	3770	4.38	cps
Cadmium	106-1	4726	5210	4784	4907	5.38	cps
Cadmium	108-1	492	667	575	578	15.15	cps
Calcium	43-1	135440	138014	137049	136834	0.95	cps
Calcium	44-1	2217111	2232545	2207657	2219104	0.57	cps
Chromium	52-2	245537	246557	247877	246657	0.48	cps
Cobalt	59-2	236448	235896	236648	236330	0.16	cps
Copper	63-2	210335	210498	213781	211538	0.92	cps
Dysprosium	156-1	102985	103464	102414	102954	0.51	cps
Dysprosium	156-2	53862	54056	54384	54101	0.49	cps
Erbium	164-1	78275	79030	79264	78856	0.66	cps
Erbium	164-2	43529	44097	44987	44205	1.66	cps
Gadolinium	160-1	85173	86187	87471	86277	1.34	cps
Gadolinium	160-2	52417	52677	52189	52428	0.47	cps
Holmium	165-1	11775671	11807129	11854097	11812299	0.33	cps
Holmium	165-2	6601059	6561349	6582628	6581678	0.30	cps
Indium	115-1	8556059	8610830	8559604	8575498	0.36	cps
Indium	115-2	1896416	1895057	1919700	1903724	0.73	cps
Iron	56-2	207828294	207126232	207157366	207370631	0.19	cps
Iron	57-2	5070493	5088679	5087113	5082095	0.20	cps
Lead	206-1	449380	447378	451701	449486	0.48	cps
Lead	207-1	356864	354310	354764	355313	0.38	cps
Lead	208-1	1697938	1700316	1707070	1701775	0.28	cps
Lithium	6-1	1807903	1799698	1799261	1802287	0.27	cps
Magnesium	24-2	3122920	3150090	3145145	3139385	0.46	cps
Manganese	55-2	3605746	3592751	3614555	3604351	0.30	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DUP	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:00:18	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	185429	183236	186155	184940	0.82	cps
Molybdenum	95-1	8561	8269	8128	8319	2.66	cps
Molybdenum	96-1	40692	40458	39999	40383	0.87	cps
Molybdenum	97-1	5034	4926	5076	5012	1.55	cps
Molybdenum	98-1	13257	13140	13031	13143	0.86	cps
Neodymium	150-1	152804	154483	155499	154262	0.88	cps
Neodymium	150-2	68459	69507	70643	69536	1.57	cps
Nickel	60-2	116720	115540	116531	116264	0.54	cps
Phosphorus	31-2	13890	13665	13565	13707	1.22	cps
Potassium	39-2	999592	1002268	1009711	1003857	0.52	cps
Rhodium	103-1	7737092	7795460	7823048	7785200	0.56	cps
Rhodium	103-2	3869193	3858858	3887141	3871731	0.37	cps
Scandium	45-1	5417529	5432007	5419120	5422885	0.15	cps
Scandium	45-2	247353	246650	248867	247623	0.46	cps
Selenium	77-2	193	230	183	202	12.15	cps
Selenium	78-2	180	219	189	196	10.38	cps
Selenium	82-1	113	201	184	166	27.99	cps
Silicon	28-1	13245474	13294585	13394537	13311532	0.57	cps
Silver	109-1	792	800	917	836	8.36	cps
Silver	107-1	1117	892	1117	1042	12.47	cps
Sodium	23-2	1012978	1020334	1028761	1020691	0.77	cps
Strontium	86-1	259723	257832	258877	258811	0.37	cps
Strontium	88-1	2278599	2295975	2296248	2290274	0.44	cps
Sulfur	34-1	280013	288960	290780	286584	2.01	cps
Terbium	159-1	11994789	12048560	12087427	12043592	0.39	cps
Terbium	159-2	6461717	6456776	6509255	6475916	0.45	cps
Thallium	203-1	4918	5126	5176	5073	2.70	cps
Thallium	205-1	11772	12123	12815	12237	4.34	cps
Tin	118-1	6727	6627	6727	6694	0.86	cps
Titanium	47-1	1393298	1397367	1389395	1393353	0.29	cps
Uranium	238-1	113385	114496	116009	114630	1.15	cps
Vanadium	51-2	243106	243381	243405	243298	0.07	cps
Yttrium	89-1	9745194	9853271	9876084	9824850	0.71	cps
Yttrium	89-2	1551573	1544102	1553580	1549752	0.32	cps
Zinc	66-2	72609	72331	73142	72694	0.57	cps
Zirconium	90-1	493160	499037	496801	496333	0.60	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DUP	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:00:18	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	109752	111136	111053	110647	0.70	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02LX5	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-22 15:03:54	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1080769	1068421	1086256	1078482	0.85	cps
Antimony	121-1	242	350	283	292	18.74	cps
Arsenic	75-2	1241	1202	1232	1225	1.66	cps
Barium	135-1	80560	77734	80567	79620	2.05	cps
Barium	137-1	137953	140269	136348	138190	1.43	cps
Beryllium	9-1	1033	1006	1083	1041	3.79	cps
Bismuth	209-1	7888315	7842577	7805577	7845490	0.53	cps
Bismuth	209-2	4896865	4925902	4963103	4928623	0.67	cps
Boron	10-1	1083	800	783	889	18.97	cps
Boron	11-1	3767	3784	3959	3837	2.77	cps
Cadmium	111-1	2723	2607	2433	2588	5.64	cps
Cadmium	106-1	3709	3667	3384	3587	4.93	cps
Cadmium	108-1	104	133	146	128	16.73	cps
Calcium	43-1	27276	27276	26917	27156	0.76	cps
Calcium	44-1	451152	452626	447298	450359	0.61	cps
Chromium	52-2	49256	48684	48634	48858	0.71	cps
Cobalt	59-2	47584	47092	46761	47146	0.88	cps
Copper	63-2	42796	42993	44053	43281	1.56	cps
Dysprosium	156-1	20508	20082	20015	20202	1.32	cps
Dysprosium	156-2	9847	10774	10885	10502	5.43	cps
Erbium	164-1	15284	15384	15585	15418	0.99	cps
Erbium	164-2	8653	8396	8670	8573	1.79	cps
Gadolinium	160-1	16928	17287	17512	17242	1.71	cps
Gadolinium	160-2	10291	10231	10204	10242	0.43	cps
Holmium	165-1	12259261	12202029	12254689	12238660	0.26	cps
Holmium	165-2	6775699	6748726	6826961	6783795	0.59	cps
Indium	115-1	9073188	9019421	9009385	9033998	0.38	cps
Indium	115-2	1965016	1982293	1977832	1975047	0.45	cps
Iron	56-2	40921336	40857445	41357127	41045303	0.66	cps
Iron	57-2	978776	983774	994574	985708	0.82	cps
Lead	206-1	88454	89231	89264	88983	0.52	cps
Lead	207-1	70414	70783	70889	70695	0.35	cps
Lead	208-1	336953	338374	335947	337091	0.36	cps
Lithium	6-1	1873070	1871626	1862095	1868930	0.32	cps
Magnesium	24-2	614998	608573	611452	611674	0.53	cps
Manganese	55-2	702452	705831	714125	707469	0.85	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02LX5	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-22 15:03:54	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	36665	37291	36556	36838	1.08	cps
Molybdenum	95-1	1942	1659	1759	1786	8.05	cps
Molybdenum	96-1	8578	8645	8503	8575	0.83	cps
Molybdenum	97-1	1067	1217	1142	1142	6.57	cps
Molybdenum	98-1	2925	2917	2742	2862	3.62	cps
Neodymium	150-1	29552	29953	29940	29815	0.76	cps
Neodymium	150-2	13200	13313	13357	13290	0.61	cps
Nickel	60-2	23519	23155	23262	23312	0.80	cps
Phosphorus	31-2	3075	3167	3075	3106	1.70	cps
Potassium	39-2	222047	222798	227975	224273	1.44	cps
Rhodium	103-1	8356896	8281105	8370644	8336215	0.58	cps
Rhodium	103-2	4029610	4055530	4076206	4053782	0.58	cps
Scandium	45-1	5445696	5422125	5400887	5422903	0.41	cps
Scandium	45-2	246103	245654	246818	246192	0.24	cps
Selenium	77-2	47	37	17	33	45.82	cps
Selenium	78-2	109	72	113	98	22.95	cps
Selenium	82-1	42	22	108	57	79.11	cps
Silicon	28-1	3139510	3157721	3157450	3151560	0.33	cps
Silver	109-1	233	183	217	211	12.06	cps
Silver	107-1	250	575	433	419	38.85	cps
Sodium	23-2	210095	210742	211521	210786	0.34	cps
Strontium	86-1	51569	51594	51326	51496	0.29	cps
Strontium	88-1	455908	447870	452413	452064	0.89	cps
Sulfur	34-1	286157	285038	276698	282631	1.83	cps
Terbium	159-1	12595258	12394646	12463960	12484622	0.82	cps
Terbium	159-2	6638296	6666193	6697233	6667240	0.44	cps
Thallium	203-1	1150	958	967	1025	10.57	cps
Thallium	205-1	2617	2442	2700	2586	5.10	cps
Tin	118-1	2175	2292	2167	2211	3.16	cps
Titanium	47-1	271457	272177	267907	270514	0.85	cps
Uranium	238-1	22979	22612	23430	23007	1.78	cps
Vanadium	51-2	47570	46864	47396	47277	0.78	cps
Yttrium	89-1	9582719	9537646	9565334	9561899	0.24	cps
Yttrium	89-2	1486931	1491991	1493591	1490838	0.23	cps
Zinc	66-2	14811	14504	14691	14669	1.05	cps
Zirconium	90-1	98948	99016	98596	98853	0.23	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02LX5	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-22 15:03:54	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	21475	21701	21692	21623	0.59	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MS	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:07:28	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6182574	6185681	6158534	6175596	0.24	cps
Antimony	121-1	1068272	1084697	1069402	1074124	0.85	cps
Arsenic	75-2	123831	124781	124839	124484	0.45	cps
Barium	135-1	4910784	4913729	4896928	4907147	0.18	cps
Barium	137-1	8585327	8638113	8553935	8592458	0.50	cps
Beryllium	9-1	623476	630589	620916	624994	0.80	cps
Bismuth	209-1	7124873	7179506	7138417	7147599	0.40	cps
Bismuth	209-2	4566885	4569668	4578758	4571770	0.14	cps
Boron	10-1	71545	73186	72943	72558	1.22	cps
Boron	11-1	335334	342752	341884	339990	1.19	cps
Cadmium	111-1	805532	817615	806494	809880	0.83	cps
Cadmium	106-1	90756	95143	91512	92471	2.54	cps
Cadmium	108-1	60993	62311	60935	61413	1.27	cps
Calcium	43-1	1110714	1125995	1107174	1114628	0.90	cps
Calcium	44-1	18242069	18534013	18226636	18334239	0.94	cps
Chromium	52-2	1220989	1232674	1225037	1226233	0.48	cps
Cobalt	59-2	1783549	1795232	1784192	1787658	0.37	cps
Copper	63-2	2441590	2473843	2464674	2460035	0.68	cps
Dysprosium	156-1	100609	100978	101601	101063	0.50	cps
Dysprosium	156-2	53484	53414	53621	53506	0.20	cps
Erbium	164-1	76951	77823	76657	77143	0.79	cps
Erbium	164-2	42345	42386	41292	42008	1.48	cps
Gadolinium	160-1	84175	85030	84871	84692	0.54	cps
Gadolinium	160-2	51192	51239	50904	51112	0.35	cps
Holmium	165-1	11593811	11613504	11636036	11614450	0.18	cps
Holmium	165-2	6440303	6439297	6450565	6443389	0.10	cps
Indium	115-1	8213295	8272552	8282434	8256094	0.45	cps
Indium	115-2	1813792	1832144	1837370	1827769	0.68	cps
Iron	56-2	231359866	231359322	230469566	231062918	0.22	cps
Iron	57-2	5683552	5703877	5707469	5698299	0.23	cps
Lead	206-1	3284363	3306777	3303291	3298144	0.37	cps
Lead	207-1	2782020	2806030	2787817	2791956	0.45	cps
Lead	208-1	13071310	13196682	13083190	13117061	0.53	cps
Lithium	6-1	1764839	1762630	1758438	1761969	0.18	cps
Magnesium	24-2	10416484	10417863	10313280	10382542	0.58	cps
Manganese	55-2	4230831	4255757	4259535	4248708	0.37	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MS	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:07:28	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6910701	7018749	6945668	6958373	0.79	cps
Molybdenum	95-1	8203406	8282359	8224543	8236769	0.50	cps
Molybdenum	96-1	9172492	9225660	9226611	9208254	0.34	cps
Molybdenum	97-1	5102150	5094144	5098201	5098165	0.08	cps
Molybdenum	98-1	13265358	13230233	13184477	13226689	0.31	cps
Neodymium	150-1	159000	159465	158852	159106	0.20	cps
Neodymium	150-2	70572	70988	71243	70934	0.48	cps
Nickel	60-2	518455	524139	519663	520753	0.58	cps
Phosphorus	31-2	13407	13648	12656	13237	3.91	cps
Potassium	39-2	4879200	4901115	4858146	4879487	0.44	cps
Rhodium	103-1	7467973	7493867	7526807	7496216	0.39	cps
Rhodium	103-2	3684633	3700284	3715201	3700039	0.41	cps
Scandium	45-1	5305584	5333254	5260218	5299685	0.70	cps
Scandium	45-2	246680	246259	247608	246849	0.28	cps
Selenium	77-2	2597	2490	2704	2597	4.11	cps
Selenium	78-2	8258	8312	8367	8312	0.66	cps
Selenium	82-1	46343	47244	46603	46730	0.99	cps
Silicon	28-1	15450441	15482437	15335570	15422816	0.50	cps
Silver	109-1	3293236	3345736	3299664	3312879	0.86	cps
Silver	107-1	3434274	3474662	3465232	3458056	0.61	cps
Sodium	23-2	14109636	14071890	14020640	14067389	0.32	cps
Strontium	86-1	1318357	1331862	1327885	1326035	0.52	cps
Strontium	88-1	11894256	11956916	11802333	11884502	0.65	cps
Sulfur	34-1	307291	307881	312113	309095	0.85	cps
Terbium	159-1	11733581	11819394	11872832	11808602	0.59	cps
Terbium	159-2	6308996	6333986	6344770	6329251	0.29	cps
Thallium	203-1	3527829	3572977	3546020	3548942	0.64	cps
Thallium	205-1	8634070	8707447	8666695	8669404	0.42	cps
Tin	118-1	1857058	1850432	1839073	1848854	0.49	cps
Titanium	47-1	4021299	4062719	3993492	4025837	0.87	cps
Uranium	238-1	12426661	12404929	12392147	12407912	0.14	cps
Vanadium	51-2	1071554	1077271	1077344	1075389	0.31	cps
Yttrium	89-1	9546739	9541911	9565621	9551424	0.13	cps
Yttrium	89-2	1488240	1492332	1499819	1493464	0.39	cps
Zinc	66-2	389640	392858	393728	392075	0.55	cps
Zirconium	90-1	6233501	6304936	6213885	6250774	0.77	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MS	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:07:28	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1359148	1376083	1351011	1362081	0.94	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSD	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:11:04	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6806481	6781104	6804202	6797262	0.21	cps
Antimony	121-1	1057013	1063574	1068775	1063120	0.55	cps
Arsenic	75-2	124238	123890	124312	124147	0.18	cps
Barium	135-1	4883081	4886184	4963315	4910860	0.93	cps
Barium	137-1	8537575	8573338	8659254	8590056	0.73	cps
Beryllium	9-1	617254	625606	630668	624509	1.08	cps
Bismuth	209-1	7027066	7079627	7112907	7073200	0.61	cps
Bismuth	209-2	4445855	4469152	4507026	4474011	0.69	cps
Boron	10-1	71846	74795	76560	74400	3.20	cps
Boron	11-1	338492	348505	352855	346617	2.12	cps
Cadmium	111-1	814148	814891	816486	815175	0.15	cps
Cadmium	106-1	92820	93709	93206	93245	0.48	cps
Cadmium	108-1	60826	60947	62320	61365	1.35	cps
Calcium	43-1	1099157	1116332	1128489	1114659	1.32	cps
Calcium	44-1	18300339	18355124	18512225	18389229	0.60	cps
Chromium	52-2	1259500	1266555	1264301	1263452	0.29	cps
Cobalt	59-2	1789985	1807933	1801321	1799747	0.50	cps
Copper	63-2	2451198	2465054	2455331	2457195	0.29	cps
Dysprosium	156-1	116407	118854	117971	117744	1.05	cps
Dysprosium	156-2	61145	61634	62100	61626	0.77	cps
Erbium	164-1	86080	87824	87279	87061	1.03	cps
Erbium	164-2	47101	47850	47392	47448	0.80	cps
Gadolinium	160-1	99846	98361	98260	98823	0.90	cps
Gadolinium	160-2	59680	59157	60446	59761	1.08	cps
Holmium	165-1	11472312	11442902	11532081	11482432	0.40	cps
Holmium	165-2	6329607	6392860	6400389	6374285	0.61	cps
Indium	115-1	8086696	8145540	8186144	8139460	0.61	cps
Indium	115-2	1796216	1803716	1790475	1796802	0.37	cps
Iron	56-2	251038583	250073489	250292428	250468167	0.20	cps
Iron	57-2	6166846	6174521	6179377	6173582	0.10	cps
Lead	206-1	3357035	3378177	3419052	3384755	0.93	cps
Lead	207-1	2836597	2854484	2888771	2859951	0.93	cps
Lead	208-1	13342130	13422322	13600399	13454950	0.98	cps
Lithium	6-1	1723041	1736221	1752907	1737390	0.86	cps
Magnesium	24-2	10862019	10805841	10815445	10827768	0.28	cps
Manganese	55-2	3965630	3987605	3976311	3976516	0.28	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSD	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:11:04	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6922951	6963268	7037124	6974448	0.83	cps
Molybdenum	95-1	8145858	8210308	8220266	8192144	0.49	cps
Molybdenum	96-1	9087391	9094265	9211159	9130938	0.76	cps
Molybdenum	97-1	4972030	5012903	5088183	5024372	1.17	cps
Molybdenum	98-1	12953811	13054080	13212383	13073425	1.00	cps
Neodymium	150-1	183046	185605	186641	185097	1.00	cps
Neodymium	150-2	82209	82750	83417	82792	0.73	cps
Nickel	60-2	526690	529916	531352	529320	0.45	cps
Phosphorus	31-2	13356	13382	13507	13415	0.60	cps
Potassium	39-2	4923329	4974350	4953562	4950414	0.52	cps
Rhodium	103-1	7307762	7329555	7348927	7328748	0.28	cps
Rhodium	103-2	3622306	3654359	3626416	3634360	0.48	cps
Scandium	45-1	5223841	5243461	5241096	5236133	0.20	cps
Scandium	45-2	243159	242921	241632	242571	0.34	cps
Selenium	77-2	2677	2594	2657	2643	1.65	cps
Selenium	78-2	8364	8199	8167	8243	1.28	cps
Selenium	82-1	46157	46852	47201	46737	1.14	cps
Silicon	28-1	21081217	21258895	21260142	21200085	0.49	cps
Silver	109-1	3374432	3368057	3400058	3380849	0.50	cps
Silver	107-1	3479025	3495980	3520791	3498598	0.60	cps
Sodium	23-2	14288300	14246344	14263656	14266100	0.15	cps
Strontium	86-1	1342705	1333470	1353343	1343173	0.74	cps
Strontium	88-1	11974092	11966930	12172393	12037805	0.97	cps
Sulfur	34-1	304639	309233	308934	307602	0.84	cps
Terbium	159-1	11594091	11601616	11663678	11619795	0.33	cps
Terbium	159-2	6215486	6242587	6269317	6242464	0.43	cps
Thallium	203-1	3570353	3566269	3590820	3575814	0.37	cps
Thallium	205-1	8745609	8773475	8806290	8775125	0.35	cps
Tin	118-1	1781096	1766392	1809381	1785623	1.22	cps
Titanium	47-1	4363177	4375308	4385978	4374821	0.26	cps
Uranium	238-1	12510473	12567614	12773952	12617347	1.10	cps
Vanadium	51-2	1106964	1114516	1110677	1110719	0.34	cps
Yttrium	89-1	9409891	9458773	9564853	9477839	0.84	cps
Yttrium	89-2	1488191	1494122	1492100	1491471	0.20	cps
Zinc	66-2	395664	395546	397517	396242	0.28	cps
Zirconium	90-1	6288697	6341758	6347863	6326106	0.51	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSD	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:11:04	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1372660	1379538	1386843	1379680	0.51	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02A	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:14:40	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6446200	6482780	6589442	6506140	1.14	cps
Antimony	121-1	1077299	1095970	1090553	1087940	0.88	cps
Arsenic	75-2	122800	122600	127032	124144	2.02	cps
Barium	135-1	4946243	4983309	4972798	4967450	0.38	cps
Barium	137-1	8653122	8729618	8748650	8710463	0.58	cps
Beryllium	9-1	625604	629677	629803	628361	0.38	cps
Bismuth	209-1	6963136	7010386	7054540	7009354	0.65	cps
Bismuth	209-2	4354137	4429006	4512154	4431765	1.78	cps
Boron	10-1	75698	76962	76585	76415	0.85	cps
Boron	11-1	351388	350219	352549	351385	0.33	cps
Cadmium	111-1	820078	825699	819377	821718	0.42	cps
Cadmium	106-1	93558	92937	92828	93108	0.42	cps
Cadmium	108-1	61236	61814	61847	61632	0.56	cps
Calcium	43-1	1122161	1125700	1123599	1123820	0.16	cps
Calcium	44-1	18590420	18497028	18619723	18569057	0.35	cps
Chromium	52-2	1231766	1242977	1262259	1245667	1.24	cps
Cobalt	59-2	1777666	1800589	1828284	1802180	1.41	cps
Copper	63-2	2432289	2458588	2499779	2463552	1.38	cps
Dysprosium	156-1	111140	107957	109601	109566	1.45	cps
Dysprosium	156-2	56840	58209	58123	57724	1.33	cps
Erbium	164-1	82265	81611	80201	81359	1.30	cps
Erbium	164-2	43834	45519	45636	44996	2.24	cps
Gadolinium	160-1	92017	90953	92152	91707	0.72	cps
Gadolinium	160-2	55237	55425	56519	55727	1.24	cps
Holmium	165-1	11343379	11357133	11356213	11352242	0.07	cps
Holmium	165-2	6199575	6293245	6386312	6293044	1.48	cps
Indium	115-1	8068530	8112169	8041307	8074002	0.44	cps
Indium	115-2	1752874	1762440	1810500	1775271	1.74	cps
Iron	56-2	238923422	239738028	244034417	240898622	1.14	cps
Iron	57-2	5839257	5974737	6019875	5944623	1.58	cps
Lead	206-1	3365791	3390275	3375581	3377215	0.36	cps
Lead	207-1	2852388	2866448	2883793	2867543	0.55	cps
Lead	208-1	13367975	13488083	13472795	13442951	0.49	cps
Lithium	6-1	1737220	1738673	1731298	1735730	0.23	cps
Magnesium	24-2	10591941	10721583	10810333	10707952	1.03	cps
Manganese	55-2	4097710	4115541	4200921	4138057	1.33	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02A	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:14:40	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7008881	7058923	7060698	7042834	0.42	cps
Molybdenum	95-1	8263587	8333013	8319278	8305293	0.44	cps
Molybdenum	96-1	9212214	9303391	9252034	9255879	0.49	cps
Molybdenum	97-1	5042293	5101104	5094999	5079465	0.64	cps
Molybdenum	98-1	13234903	13348695	13265883	13283160	0.44	cps
Neodymium	150-1	170413	171088	173425	171642	0.92	cps
Neodymium	150-2	76343	75643	79554	77180	2.70	cps
Nickel	60-2	520995	525613	535463	527357	1.40	cps
Phosphorus	31-2	12706	13990	13807	13501	5.15	cps
Potassium	39-2	4883096	4953153	5018740	4951663	1.37	cps
Rhodium	103-1	7297407	7285390	7282209	7288335	0.11	cps
Rhodium	103-2	3528820	3572712	3667631	3589721	1.98	cps
Scandium	45-1	5211849	5149455	5190406	5183903	0.61	cps
Scandium	45-2	236612	240954	243107	240224	1.38	cps
Selenium	77-2	2377	2607	2757	2580	7.42	cps
Selenium	78-2	8013	8269	8623	8302	3.69	cps
Selenium	82-1	46352	46659	47131	46714	0.84	cps
Silicon	28-1	19410088	19309593	19464990	19394890	0.41	cps
Silver	109-1	3357975	3377765	3393588	3376443	0.53	cps
Silver	107-1	3518649	3517852	3515867	3517456	0.04	cps
Sodium	23-2	14106730	14282849	14479416	14289665	1.30	cps
Strontium	86-1	1344303	1349141	1353197	1348881	0.33	cps
Strontium	88-1	12051593	12128680	12105668	12095314	0.33	cps
Sulfur	34-1	309299	308117	309258	308891	0.22	cps
Terbium	159-1	11570021	11605747	11521899	11565889	0.36	cps
Terbium	159-2	6090745	6144469	6267286	6167500	1.47	cps
Thallium	203-1	3574044	3589286	3583947	3582426	0.22	cps
Thallium	205-1	8764668	8797750	8761743	8774721	0.23	cps
Tin	118-1	1825520	1830216	1839795	1831844	0.40	cps
Titanium	47-1	4237580	4234153	4246780	4239504	0.15	cps
Uranium	238-1	12644166	12801814	12766087	12737356	0.65	cps
Vanadium	51-2	1079078	1097399	1110753	1095743	1.45	cps
Yttrium	89-1	9440902	9381420	9340058	9387460	0.54	cps
Yttrium	89-2	1445013	1454411	1500528	1466651	2.03	cps
Zinc	66-2	388249	390846	399660	392918	1.52	cps
Zirconium	90-1	6344477	6342674	6370587	6352579	0.25	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02A	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:14:40	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1386608	1382634	1384605	1384616	0.14	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-01DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(105-107)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:18:14	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2471169	2492015	2502621	2488602	0.64	cps
Antimony	121-1	550	533	417	500	14.53	cps
Arsenic	75-2	3149	3269	3241	3220	1.96	cps
Barium	135-1	1169948	1171856	1175854	1172553	0.26	cps
Barium	137-1	2047075	2035410	2047392	2043292	0.33	cps
Beryllium	9-1	3639	3934	4073	3882	5.70	cps
Bismuth	209-1	7541515	7548896	7567931	7552780	0.18	cps
Bismuth	209-2	4703352	4710745	4695040	4703046	0.17	cps
Boron	10-1	6285	5743	5901	5976	4.66	cps
Boron	11-1	27025	26991	26683	26900	0.70	cps
Cadmium	111-1	3459	3676	3351	3495	4.74	cps
Cadmium	106-1	4501	4768	4409	4559	4.08	cps
Cadmium	108-1	388	433	492	438	11.93	cps
Calcium	43-1	2375078	2388403	2371032	2378171	0.38	cps
Calcium	44-1	39207785	39337982	39150425	39232064	0.24	cps
Chromium	52-2	136246	135560	135325	135710	0.35	cps
Cobalt	59-2	131439	130319	131661	131140	0.55	cps
Copper	63-2	243256	242235	240710	242067	0.53	cps
Dysprosium	156-1	115324	113382	114248	114318	0.85	cps
Dysprosium	156-2	61564	61828	62096	61829	0.43	cps
Erbium	164-1	98730	96684	98705	98040	1.20	cps
Erbium	164-2	52357	53588	53300	53082	1.21	cps
Gadolinium	160-1	111056	110863	112064	111328	0.58	cps
Gadolinium	160-2	66658	66226	66132	66338	0.42	cps
Holmium	165-1	11953650	11994729	11973340	11973907	0.17	cps
Holmium	165-2	6561379	6618428	6577285	6585697	0.45	cps
Indium	115-1	8591751	8586410	8653291	8610484	0.43	cps
Indium	115-2	1874445	1888722	1886634	1883267	0.41	cps
Iron	56-2	133477453	133738422	134937403	134051093	0.58	cps
Iron	57-2	3232222	3264426	3287955	3261534	0.86	cps
Lead	206-1	252746	251218	253342	252435	0.43	cps
Lead	207-1	202212	202299	201881	202130	0.11	cps
Lead	208-1	963901	957854	958043	959933	0.36	cps
Lithium	6-1	1828855	1832315	1825671	1828947	0.18	cps
Magnesium	24-2	7016193	6999410	7013042	7009548	0.13	cps
Manganese	55-2	2879375	2879647	2895429	2884817	0.32	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-01DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(105-107)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:18:14	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	110937	111247	110928	111037	0.16	cps
Molybdenum	95-1	5726	5526	5385	5546	3.10	cps
Molybdenum	96-1	25248	25098	25374	25240	0.55	cps
Molybdenum	97-1	3909	3150	3526	3528	10.75	cps
Molybdenum	98-1	9212	9187	9237	9212	0.27	cps
Neodymium	150-1	159553	157862	158535	158650	0.54	cps
Neodymium	150-2	70214	71048	69628	70297	1.02	cps
Nickel	60-2	82386	82594	82990	82657	0.37	cps
Phosphorus	31-2	12072	11130	11313	11505	4.34	cps
Potassium	39-2	1779423	1786452	1797198	1787691	0.50	cps
Rhodium	103-1	7773238	7769961	7768220	7770473	0.03	cps
Rhodium	103-2	3787995	3796146	3803093	3795745	0.20	cps
Scandium	45-1	5317572	5313385	5301595	5310851	0.16	cps
Scandium	45-2	241439	241402	243957	242266	0.60	cps
Selenium	77-2	173	173	207	184	10.43	cps
Selenium	78-2	167	174	241	194	21.05	cps
Selenium	82-1	131	151	164	149	11.32	cps
Silicon	28-1	7096842	7143194	7225320	7155119	0.91	cps
Silver	109-1	1167	1108	1017	1097	6.89	cps
Silver	107-1	1608	1650	1492	1583	5.18	cps
Sodium	23-2	287998	294727	290358	291027	1.17	cps
Strontium	86-1	691950	692435	694507	692964	0.20	cps
Strontium	88-1	6288640	6280111	6257685	6275478	0.25	cps
Sulfur	34-1	546599	548707	550238	548515	0.33	cps
Terbium	159-1	12221051	12131161	12256900	12203037	0.53	cps
Terbium	159-2	6431488	6537213	6494192	6487631	0.82	cps
Thallium	203-1	7035	6527	5985	6516	8.06	cps
Thallium	205-1	15485	15635	16202	15774	2.40	cps
Tin	118-1	3917	4026	3709	3884	4.14	cps
Titanium	47-1	763725	767219	763712	764885	0.26	cps
Uranium	238-1	105411	102676	103531	103873	1.35	cps
Vanadium	51-2	144004	144954	144510	144489	0.33	cps
Yttrium	89-1	10217340	10207295	10191005	10205213	0.13	cps
Yttrium	89-2	1583477	1599108	1592534	1591706	0.49	cps
Zinc	66-2	70359	70968	71759	71028	0.99	cps
Zirconium	90-1	292930	293413	290357	292233	0.56	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-01DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(105-107)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:18:14	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	65376	66849	64520	65582	1.80	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:27:55	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3379544	3339969	3390622	3370045	0.79	cps
Antimony	121-1	3912927	3901355	3901890	3905391	0.17	cps
Arsenic	75-2	133199	135906	136588	135231	1.33	cps
Barium	135-1	4850973	4838213	4821556	4836914	0.30	cps
Barium	137-1	8472153	8466071	8466262	8468162	0.04	cps
Beryllium	9-1	680631	686055	686142	684276	0.46	cps
Bismuth	209-1	7136018	7202985	7217927	7185643	0.61	cps
Bismuth	209-2	4521326	4530792	4538717	4530278	0.19	cps
Boron	10-1	77097	78890	79501	78496	1.59	cps
Boron	11-1	356492	360132	368438	361687	1.69	cps
Cadmium	111-1	874490	880238	885001	879910	0.60	cps
Cadmium	106-1	98793	98910	99581	99095	0.43	cps
Cadmium	108-1	65923	65467	66593	65995	0.86	cps
Calcium	43-1	5183621	5147081	5150701	5160468	0.39	cps
Calcium	44-1	83513366	83283856	83849873	83549032	0.34	cps
Chromium	52-2	1123257	1125015	1117803	1122025	0.34	cps
Cobalt	59-2	1711204	1708795	1714171	1711390	0.16	cps
Copper	63-2	2355296	2354738	2365528	2358521	0.26	cps
Dysprosium	156-1	83	183	175	147	37.69	cps
Dysprosium	156-2	70	100	80	83	18.33	cps
Erbium	164-1	75	92	25	64	54.31	cps
Erbium	164-2	30	7	27	21	59.77	cps
Gadolinium	160-1	117	108	117	114	4.22	cps
Gadolinium	160-2	200	193	117	170	27.24	cps
Holmium	165-1	11910360	11899050	11973515	11927642	0.34	cps
Holmium	165-2	6636127	6571032	6638446	6615202	0.58	cps
Indium	115-1	8381073	8380641	8431456	8397723	0.35	cps
Indium	115-2	1852870	1869167	1854298	1858778	0.49	cps
Iron	56-2	224623288	224873772	226280961	225259340	0.40	cps
Iron	57-2	5572313	5544214	5576623	5564383	0.32	cps
Lead	206-1	3089845	3089294	3102123	3093754	0.23	cps
Lead	207-1	2714095	2720824	2739230	2724716	0.48	cps
Lead	208-1	12465755	12530603	12518003	12504787	0.27	cps
Lithium	6-1	1759989	1768905	1767890	1765595	0.28	cps
Magnesium	24-2	37682954	37422001	37737062	37614006	0.45	cps
Manganese	55-2	1258535	1258778	1258099	1258471	0.03	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:27:55	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7557291	7513922	7616099	7562437	0.68	cps
Molybdenum	95-1	9243337	9189304	9254768	9229136	0.38	cps
Molybdenum	96-1	10207371	10211905	10248599	10222625	0.22	cps
Molybdenum	97-1	5635412	5634570	5811061	5693681	1.79	cps
Molybdenum	98-1	14682231	14730983	14854189	14755801	0.60	cps
Neodymium	150-1	373	327	453	384	16.66	cps
Neodymium	150-2	50	73	80	68	23.24	cps
Nickel	60-2	451580	450960	454369	452303	0.40	cps
Phosphorus	31-2	36579	37882	37364	37275	1.76	cps
Potassium	39-2	19964854	20067560	20040126	20024180	0.27	cps
Rhodium	103-1	7505378	7496242	7580293	7527304	0.61	cps
Rhodium	103-2	3689591	3692877	3711042	3697837	0.31	cps
Scandium	45-1	5143631	5135341	5149186	5142719	0.14	cps
Scandium	45-2	236551	239085	240893	238843	0.91	cps
Selenium	77-2	2690	2637	2670	2666	1.01	cps
Selenium	78-2	9049	9196	9335	9193	1.55	cps
Selenium	82-1	52241	52831	52286	52453	0.63	cps
Silicon	28-1	2947615	3006936	3055602	3003385	1.80	cps
Silver	109-1	4066628	4104562	4118462	4096551	0.65	cps
Silver	107-1	4254075	4282981	4274165	4270407	0.35	cps
Sodium	23-2	69435004	69144852	69210522	69263459	0.22	cps
Strontium	86-1	1177224	1169694	1185320	1177413	0.66	cps
Strontium	88-1	10584777	10526324	10635323	10582141	0.52	cps
Sulfur	34-1	680894	676679	680829	679467	0.36	cps
Terbium	159-1	12098614	12087118	12135494	12107076	0.21	cps
Terbium	159-2	6470993	6425162	6504762	6466972	0.62	cps
Thallium	203-1	3788261	3777367	3824196	3796608	0.65	cps
Thallium	205-1	9295084	9248055	9341234	9294791	0.50	cps
Tin	118-1	2938632	2934930	2935152	2936238	0.07	cps
Titanium	47-1	2399108	2383378	2400358	2394281	0.40	cps
Uranium	238-1	13455700	13417724	13532173	13468533	0.43	cps
Vanadium	51-2	912851	924156	919809	918939	0.62	cps
Yttrium	89-1	9029417	8968274	9025189	9007627	0.38	cps
Yttrium	89-2	1417229	1415547	1424003	1418927	0.32	cps
Zinc	66-2	344553	346221	345103	345292	0.25	cps
Zirconium	90-1	6308061	6295944	6336811	6313605	0.33	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:27:55	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1371900	1368191	1385688	1375260	0.67	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : CCB62 Instrumnet Name : P7
 Client Sample ID : CCB62 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 15:36:54 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	67	150	114	37.55	cps
Antimony	121-1	1108	958	1175	1081	10.27	cps
Arsenic	75-2	11	11	4	9	49.52	cps
Barium	135-1	117	75	100	97	21.57	cps
Barium	137-1	142	100	108	117	18.89	cps
Beryllium	9-1	239	239	361	280	25.23	cps
Bismuth	209-1	7800392	7735434	7723226	7753017	0.54	cps
Bismuth	209-2	4871928	4899796	4932316	4901347	0.62	cps
Boron	10-1	1200	1083	1033	1106	7.74	cps
Boron	11-1	5468	4784	5018	5090	6.83	cps
Cadmium	111-1	2142	2486	2347	2325	7.44	cps
Cadmium	106-1	3025	3551	3342	3306	8.00	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	208	183	233	208	12.00	cps
Calcium	44-1	7385	6719	7219	7108	4.88	cps
Chromium	52-2	147	143	147	146	1.32	cps
Cobalt	59-2	80	107	73	87	20.36	cps
Copper	63-2	987	857	913	919	7.09	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	50	50	44	21.66	cps
Erbium	164-2	27	20	30	26	19.92	cps
Gadolinium	160-1	100	83	100	94	10.18	cps
Gadolinium	160-2	163	120	127	137	17.08	cps
Holmium	165-1	11999421	11950425	11940344	11963397	0.26	cps
Holmium	165-2	6691490	6684175	6724797	6700154	0.32	cps
Indium	115-1	9040421	8908454	8947332	8965402	0.76	cps
Indium	115-2	1975914	1989964	1997912	1987930	0.56	cps
Iron	56-2	8542	8436	8458	8479	0.66	cps
Iron	57-2	433	389	467	430	9.08	cps
Lead	206-1	783	650	733	722	9.33	cps
Lead	207-1	661	672	706	680	3.40	cps
Lead	208-1	3261	2956	3167	3128	5.00	cps
Lithium	6-1	1886271	1889180	1870015	1881822	0.55	cps
Magnesium	24-2	875	725	708	769	11.93	cps
Manganese	55-2	153	147	120	140	12.60	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:36:54	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	508	467	497	5.39	cps
Molybdenum	95-1	375	342	367	361	4.80	cps
Molybdenum	96-1	458	458	417	444	5.41	cps
Molybdenum	97-1	292	300	225	272	15.10	cps
Molybdenum	98-1	500	392	542	478	16.21	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	97	77	97	90	12.83	cps
Phosphorus	31-2	292	183	258	244	22.70	cps
Potassium	39-2	37582	36931	36997	37170	0.96	cps
Rhodium	103-1	8277458	8210796	8199401	8229218	0.51	cps
Rhodium	103-2	4068295	4076307	4113457	4086020	0.59	cps
Scandium	45-1	5316923	5285434	5293244	5298534	0.31	cps
Scandium	45-2	244037	243745	245386	244389	0.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	69	102	75	31.71	cps
Selenium	82-1	21	41	42	35	33.13	cps
Silicon	28-1	384049	384047	386074	384723	0.30	cps
Silver	109-1	208	167	125	167	25.00	cps
Silver	107-1	167	225	208	200	15.02	cps
Sodium	23-2	18587	17995	18646	18409	1.96	cps
Strontium	86-1	708	575	767	683	14.38	cps
Strontium	88-1	225	225	150	200	21.65	cps
Sulfur	34-1	389940	382492	391518	387983	1.24	cps
Terbium	159-1	12330377	12134862	12161202	12208814	0.87	cps
Terbium	159-2	6580601	6670424	6651516	6634181	0.71	cps
Thallium	203-1	333	350	325	336	3.79	cps
Thallium	205-1	850	792	742	795	6.83	cps
Tin	118-1	1033	883	858	925	10.23	cps
Titanium	47-1	117	92	167	125	30.55	cps
Uranium	238-1	100	125	125	117	12.38	cps
Vanadium	51-2	3	10	20	11	75.52	cps
Yttrium	89-1	9274795	9192987	9176887	9214890	0.57	cps
Yttrium	89-2	1453352	1465750	1465638	1461580	0.49	cps
Zinc	66-2	217	263	240	240	9.72	cps
Zirconium	90-1	717	708	717	714	0.67	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 15:36:54	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	142	217	186	21.16	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-02DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(125-127)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:40:27	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5692736	5685855	5703251	5693947	0.15	cps
Antimony	121-1	1192	983	1242	1139	12.03	cps
Arsenic	75-2	7239	7357	7044	7214	2.19	cps
Barium	135-1	1961005	1953260	1976228	1963498	0.60	cps
Barium	137-1	3404585	3398436	3430996	3411339	0.51	cps
Beryllium	9-1	7869	7619	7296	7595	3.78	cps
Bismuth	209-1	7239530	7243803	7273880	7252404	0.26	cps
Bismuth	209-2	4635829	4647165	4627219	4636738	0.22	cps
Boron	10-1	7752	7677	7827	7752	0.97	cps
Boron	11-1	37857	38049	39252	38386	1.97	cps
Cadmium	111-1	4458	4299	4489	4416	2.31	cps
Cadmium	106-1	6368	6260	6502	6377	1.90	cps
Cadmium	108-1	1029	1017	1071	1039	2.73	cps
Calcium	43-1	1650286	1635813	1661557	1649219	0.78	cps
Calcium	44-1	27282413	27314927	27531022	27376121	0.49	cps
Chromium	52-2	272729	273278	270759	272255	0.49	cps
Cobalt	59-2	248577	250830	247366	248925	0.71	cps
Copper	63-2	398616	399842	398801	399087	0.17	cps
Dysprosium	156-1	156129	153912	155868	155303	0.78	cps
Dysprosium	156-2	85316	85436	85587	85447	0.16	cps
Erbium	164-1	127659	126868	128583	127703	0.67	cps
Erbium	164-2	71780	71576	71070	71476	0.51	cps
Gadolinium	160-1	144539	142746	144572	143952	0.73	cps
Gadolinium	160-2	87184	88375	87450	87670	0.71	cps
Holmium	165-1	11775078	11705550	11891946	11790858	0.80	cps
Holmium	165-2	6575195	6612417	6591652	6593088	0.28	cps
Indium	115-1	8539464	8522935	8630612	8564337	0.68	cps
Indium	115-2	1906280	1907402	1914696	1909460	0.24	cps
Iron	56-2	285763773	285426984	286644506	285945088	0.22	cps
Iron	57-2	7058787	7057308	7027112	7047736	0.25	cps
Lead	206-1	475021	469835	474825	473227	0.62	cps
Lead	207-1	380465	374939	377350	377584	0.73	cps
Lead	208-1	1794713	1785837	1801522	1794024	0.44	cps
Lithium	6-1	1857822	1860613	1866714	1861716	0.24	cps
Magnesium	24-2	8690967	8681727	8742840	8705178	0.38	cps
Manganese	55-2	4033322	4025835	4027039	4028732	0.10	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-02DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(125-127)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:40:27	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	297354	303340	302349	301014	1.07	cps
Molybdenum	95-1	4809	4734	5151	4898	4.54	cps
Molybdenum	96-1	57057	57701	58077	57612	0.90	cps
Molybdenum	97-1	2875	3192	3050	3039	5.22	cps
Molybdenum	98-1	7769	7844	8028	7880	1.69	cps
Neodymium	150-1	225095	223883	227069	225349	0.71	cps
Neodymium	150-2	101479	103027	102289	102265	0.76	cps
Nickel	60-2	147190	148304	146974	147489	0.48	cps
Phosphorus	31-2	9428	8970	8920	9106	3.08	cps
Potassium	39-2	3090191	3099559	3073144	3087632	0.43	cps
Rhodium	103-1	7653822	7750565	7804810	7736399	0.99	cps
Rhodium	103-2	3842603	3857283	3849107	3849664	0.19	cps
Scandium	45-1	5520575	5542516	5581352	5548148	0.55	cps
Scandium	45-2	256832	256808	257836	257158	0.23	cps
Selenium	77-2	267	260	263	263	1.26	cps
Selenium	78-2	256	231	272	253	8.09	cps
Selenium	82-1	264	212	196	224	15.87	cps
Silicon	28-1	12199099	12238177	12357916	12265064	0.67	cps
Silver	109-1	1834	1767	1717	1772	3.30	cps
Silver	107-1	2517	2550	2575	2548	1.15	cps
Sodium	23-2	377773	380495	382334	380200	0.60	cps
Strontium	86-1	633101	635105	634337	634181	0.16	cps
Strontium	88-1	5627627	5629874	5636737	5631412	0.08	cps
Sulfur	34-1	466677	462051	467238	465322	0.61	cps
Terbium	159-1	12072337	12024481	12112886	12069902	0.37	cps
Terbium	159-2	6504633	6533923	6541858	6526805	0.30	cps
Thallium	203-1	8211	7911	7878	8000	2.30	cps
Thallium	205-1	19665	19482	18898	19348	2.07	cps
Tin	118-1	3376	3384	3651	3470	4.51	cps
Titanium	47-1	1027940	1034166	1029992	1030699	0.31	cps
Uranium	238-1	126199	126887	126499	126528	0.27	cps
Vanadium	51-2	245968	246989	248703	247220	0.56	cps
Yttrium	89-1	10597066	10575744	10721257	10631356	0.74	cps
Yttrium	89-2	1687672	1692093	1689521	1689762	0.13	cps
Zinc	66-2	127252	126118	126394	126588	0.47	cps
Zirconium	90-1	812986	810382	825730	816366	1.01	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-02DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(125-127)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:40:27	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183316	182820	183326	183154	0.16	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-03DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(130-132)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:44:02	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2831187	2831721	2894177	2852362	1.27	cps
Antimony	121-1	775	592	650	672	13.93	cps
Arsenic	75-2	3515	3806	3819	3713	4.63	cps
Barium	135-1	954173	950044	947382	950533	0.36	cps
Barium	137-1	1660951	1657219	1660548	1659572	0.12	cps
Beryllium	9-1	4156	4267	3867	4097	5.04	cps
Bismuth	209-1	7572413	7571730	7576876	7573673	0.04	cps
Bismuth	209-2	4553817	4666322	4766671	4662270	2.28	cps
Boron	10-1	4492	4417	4134	4348	4.35	cps
Boron	11-1	20406	20339	20840	20529	1.32	cps
Cadmium	111-1	3980	4316	4207	4168	4.11	cps
Cadmium	106-1	5168	5493	5493	5385	3.49	cps
Cadmium	108-1	500	471	471	481	3.50	cps
Calcium	43-1	2509183	2501417	2495029	2501876	0.28	cps
Calcium	44-1	41288853	41202774	41274760	41255462	0.11	cps
Chromium	52-2	166016	167442	166606	166688	0.43	cps
Cobalt	59-2	150755	152523	150900	151393	0.65	cps
Copper	63-2	268323	268874	268011	268403	0.16	cps
Dysprosium	156-1	122006	123502	124721	123410	1.10	cps
Dysprosium	156-2	66855	67625	69012	67831	1.61	cps
Erbium	164-1	102827	103834	103466	103376	0.49	cps
Erbium	164-2	56493	57758	57805	57352	1.30	cps
Gadolinium	160-1	120299	119502	118072	119291	0.95	cps
Gadolinium	160-2	70413	72145	72172	71577	1.41	cps
Holmium	165-1	12146954	12212646	12315066	12224889	0.69	cps
Holmium	165-2	6431772	6577053	6787462	6598763	2.71	cps
Indium	115-1	8927818	8886331	8949693	8921281	0.36	cps
Indium	115-2	1863997	1909191	1968196	1913795	2.73	cps
Iron	56-2	159870715	160447048	159072515	159796759	0.43	cps
Iron	57-2	3857762	3911413	3877724	3882299	0.70	cps
Lead	206-1	282427	277778	282407	280871	0.95	cps
Lead	207-1	226040	224326	227506	225957	0.70	cps
Lead	208-1	1073375	1062891	1078838	1071702	0.76	cps
Lithium	6-1	1872105	1876354	1879723	1876061	0.20	cps
Magnesium	24-2	7146316	7164679	7217995	7176330	0.52	cps
Manganese	55-2	3232577	3261853	3230065	3241498	0.55	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-03DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(130-132)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:44:02	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	141738	140088	140830	140886	0.59	cps
Molybdenum	95-1	6093	6694	6427	6405	4.70	cps
Molybdenum	96-1	30943	31561	31778	31427	1.38	cps
Molybdenum	97-1	4242	4101	3701	4015	7.00	cps
Molybdenum	98-1	10246	10287	10321	10285	0.37	cps
Neodymium	150-1	169072	174159	170488	171240	1.53	cps
Neodymium	150-2	74265	76262	76896	75808	1.81	cps
Nickel	60-2	91443	91567	92053	91688	0.35	cps
Phosphorus	31-2	11597	11947	11563	11702	1.82	cps
Potassium	39-2	1860264	1868475	1880912	1869884	0.56	cps
Rhodium	103-1	8074512	8005624	8063907	8048014	0.46	cps
Rhodium	103-2	3750708	3861350	3973625	3861895	2.89	cps
Scandium	45-1	5586712	5580537	5594968	5587406	0.13	cps
Scandium	45-2	242743	248291	253184	248073	2.11	cps
Selenium	77-2	210	193	217	207	5.81	cps
Selenium	78-2	185	207	206	199	6.18	cps
Selenium	82-1	207	79	140	142	44.93	cps
Silicon	28-1	8849372	8849973	8787028	8828791	0.41	cps
Silver	109-1	1383	1192	1275	1283	7.49	cps
Silver	107-1	1633	1725	1659	1672	2.83	cps
Sodium	23-2	325804	325856	325146	325602	0.12	cps
Strontium	86-1	709785	708605	709445	709278	0.09	cps
Strontium	88-1	6389923	6370086	6413387	6391132	0.34	cps
Sulfur	34-1	598288	601061	593767	597705	0.62	cps
Terbium	159-1	12442031	12414406	12529829	12462088	0.48	cps
Terbium	159-2	6381878	6464814	6721496	6522730	2.71	cps
Thallium	203-1	5768	5835	5460	5688	3.52	cps
Thallium	205-1	13349	12890	13999	13413	4.16	cps
Tin	118-1	3692	3784	3809	3762	1.63	cps
Titanium	47-1	800986	793545	794945	796492	0.50	cps
Uranium	238-1	112261	113151	112908	112773	0.41	cps
Vanadium	51-2	159161	161574	159946	160227	0.77	cps
Yttrium	89-1	10691731	10652792	10778782	10707768	0.60	cps
Yttrium	89-2	1596390	1630877	1675835	1634367	2.44	cps
Zinc	66-2	77176	78707	78878	78254	1.20	cps
Zirconium	90-1	377304	376472	375194	376323	0.28	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-03DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(130-132)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:44:02	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	84767	83132	84977	84292	1.20	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : J2933-04DLX2 Instrumnet Name : P7
 Client Sample ID : EPE-F-7A(145-147)DL Dilution Factor : 2
 Date & Time Acquired :: 2018-05-22 15:47:37 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6549550	6600486	6671880	6607305	0.93	cps
Antimony	121-1	567	633	725	642	12.39	cps
Arsenic	75-2	5127	5112	5321	5187	2.25	cps
Barium	135-1	1995701	1993656	2022797	2004051	0.81	cps
Barium	137-1	3516521	3479297	3527484	3507768	0.72	cps
Beryllium	9-1	8208	7569	7980	7919	4.09	cps
Bismuth	209-1	7368068	7293597	7403791	7355152	0.76	cps
Bismuth	209-2	4677196	4744973	4786113	4736094	1.16	cps
Boron	10-1	7169	7177	7327	7224	1.23	cps
Boron	11-1	33705	33488	32920	33371	1.21	cps
Cadmium	111-1	5114	5235	4917	5088	3.16	cps
Cadmium	106-1	6877	6960	6543	6794	3.25	cps
Cadmium	108-1	1167	1125	1079	1124	3.89	cps
Calcium	43-1	1831550	1827112	1828851	1829171	0.12	cps
Calcium	44-1	30392785	30163335	30519255	30358458	0.59	cps
Chromium	52-2	356545	361966	365049	361187	1.19	cps
Cobalt	59-2	292681	294517	296676	294625	0.68	cps
Copper	63-2	425550	427759	435389	429566	1.20	cps
Dysprosium	156-1	189316	188132	187625	188357	0.46	cps
Dysprosium	156-2	103026	104903	104440	104123	0.94	cps
Erbium	164-1	149081	152197	153403	151560	1.47	cps
Erbium	164-2	84539	85854	84388	84927	0.95	cps
Gadolinium	160-1	173231	174230	175452	174304	0.64	cps
Gadolinium	160-2	105159	107053	107477	106563	1.16	cps
Holmium	165-1	11982834	11875402	12110672	11989636	0.98	cps
Holmium	165-2	6769047	6849645	6842830	6820507	0.66	cps
Indium	115-1	8676553	8614271	8746584	8679136	0.76	cps
Indium	115-2	1927883	1949654	1961069	1946202	0.87	cps
Iron	56-2	331589841	332911652	338550719	334350737	1.11	cps
Iron	57-2	8183584	8188498	8316338	8229473	0.91	cps
Lead	206-1	525228	526484	532538	528084	0.74	cps
Lead	207-1	424571	420786	429887	425081	1.08	cps
Lead	208-1	2011665	2004383	2034604	2016884	0.78	cps
Lithium	6-1	1868410	1855280	1870447	1864712	0.44	cps
Magnesium	24-2	10962228	11046158	11074684	11027690	0.53	cps
Manganese	55-2	4416190	4468027	4490766	4458328	0.86	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-04DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(145-147)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:47:37	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	330626	331567	332615	331603	0.30	cps
Molybdenum	95-1	5276	5151	5443	5290	2.77	cps
Molybdenum	96-1	64094	64228	63894	64072	0.26	cps
Molybdenum	97-1	3092	3326	3451	3289	5.53	cps
Molybdenum	98-1	8203	7944	8028	8058	1.64	cps
Neodymium	150-1	282534	282069	284290	282965	0.41	cps
Neodymium	150-2	125955	130476	130920	129117	2.13	cps
Nickel	60-2	174680	175252	177456	175796	0.83	cps
Phosphorus	31-2	9045	9520	9270	9278	2.56	cps
Potassium	39-2	3951042	4028722	4043774	4007846	1.24	cps
Rhodium	103-1	7844219	7760289	7890612	7831707	0.84	cps
Rhodium	103-2	3878164	3921265	3952587	3917339	0.95	cps
Scandium	45-1	5676133	5614240	5648832	5646402	0.55	cps
Scandium	45-2	259842	263792	263630	262422	0.85	cps
Selenium	77-2	333	283	320	312	8.29	cps
Selenium	78-2	333	233	300	289	17.62	cps
Selenium	82-1	267	246	246	253	4.90	cps
Silicon	28-1	10613809	10886100	10529988	10676633	1.74	cps
Silver	109-1	1934	1884	1759	1859	4.85	cps
Silver	107-1	2634	2692	2950	2759	6.11	cps
Sodium	23-2	341629	350455	346622	346235	1.28	cps
Strontium	86-1	570940	567861	574173	570991	0.55	cps
Strontium	88-1	5083735	5031758	5124393	5079962	0.91	cps
Sulfur	34-1	422373	410050	416201	416208	1.48	cps
Terbium	159-1	12294756	12186424	12292666	12257948	0.51	cps
Terbium	159-2	6625779	6691346	6732322	6683149	0.80	cps
Thallium	203-1	9854	9737	9712	9768	0.78	cps
Thallium	205-1	24064	23597	24131	23931	1.22	cps
Tin	118-1	4759	4293	4801	4618	6.11	cps
Titanium	47-1	1697363	1679229	1724622	1700405	1.34	cps
Uranium	238-1	135564	133989	133132	134228	0.92	cps
Vanadium	51-2	318892	317808	322915	319871	0.84	cps
Yttrium	89-1	11102594	10910832	11081192	11031539	0.95	cps
Yttrium	89-2	1742839	1760410	1780145	1761131	1.06	cps
Zinc	66-2	154723	156209	158502	156478	1.22	cps
Zirconium	90-1	905483	893025	910764	903090	1.01	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-04DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-7A(145-147)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:47:37	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	199549	199894	204508	201317	1.38	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-05DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(65-67)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:51:12	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2755226	2808856	2760315	2774799	1.07	cps
Antimony	121-1	383	500	475	453	13.57	cps
Arsenic	75-2	2524	2297	2437	2419	4.75	cps
Barium	135-1	1818194	1816749	1805799	1813580	0.37	cps
Barium	137-1	3205511	3194928	3176923	3192454	0.45	cps
Beryllium	9-1	5418	4957	5007	5127	4.94	cps
Bismuth	209-1	7605134	7557007	7544141	7568761	0.42	cps
Bismuth	209-2	4772278	4761245	4802416	4778646	0.45	cps
Boron	10-1	4834	4701	4809	4782	1.48	cps
Boron	11-1	22300	22376	23143	22606	2.06	cps
Cadmium	111-1	3471	3345	3414	3410	1.85	cps
Cadmium	106-1	4743	4493	4693	4643	2.85	cps
Cadmium	108-1	379	363	417	386	7.19	cps
Calcium	43-1	2081036	2050056	2056565	2062552	0.79	cps
Calcium	44-1	34280360	34020898	34169507	34156922	0.38	cps
Chromium	52-2	155712	155735	156939	156129	0.45	cps
Cobalt	59-2	132232	130057	131495	131262	0.84	cps
Copper	63-2	209957	210320	212754	211010	0.72	cps
Dysprosium	156-1	123914	124738	128052	125568	1.74	cps
Dysprosium	156-2	68781	68221	68788	68597	0.47	cps
Erbium	164-1	101636	99343	100888	100622	1.16	cps
Erbium	164-2	55489	54823	56436	55583	1.46	cps
Gadolinium	160-1	117022	115349	114703	115691	1.03	cps
Gadolinium	160-2	71304	70433	71455	71064	0.78	cps
Holmium	165-1	12238886	12274377	12136361	12216541	0.59	cps
Holmium	165-2	6820011	6804388	6790290	6804896	0.22	cps
Indium	115-1	8911786	8860217	8819869	8863957	0.52	cps
Indium	115-2	1972985	1959931	1979776	1970897	0.51	cps
Iron	56-2	118565936	118990661	118416175	118657591	0.25	cps
Iron	57-2	2865017	2866608	2878830	2870152	0.26	cps
Lead	206-1	236602	236507	233843	235650	0.66	cps
Lead	207-1	188532	187354	188000	187962	0.31	cps
Lead	208-1	900067	898125	899803	899332	0.12	cps
Lithium	6-1	1845904	1846030	1837354	1843096	0.27	cps
Magnesium	24-2	6811570	6836249	6756240	6801353	0.60	cps
Manganese	55-2	3013895	3025417	3024205	3021172	0.21	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-05DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(65-67)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:51:12	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	101652	102625	102776	102351	0.60	cps
Molybdenum	95-1	3150	2884	3209	3081	5.63	cps
Molybdenum	96-1	21434	20974	21626	21345	1.57	cps
Molybdenum	97-1	2050	1725	1825	1867	8.92	cps
Molybdenum	98-1	4451	4768	4684	4634	3.54	cps
Neodymium	150-1	189119	189234	191215	189856	0.62	cps
Neodymium	150-2	85147	84638	83796	84527	0.81	cps
Nickel	60-2	89494	88344	88036	88625	0.87	cps
Phosphorus	31-2	10821	11096	10679	10865	1.95	cps
Potassium	39-2	2565828	2588179	2543335	2565781	0.87	cps
Rhodium	103-1	8048680	8053650	7973616	8025315	0.56	cps
Rhodium	103-2	3940990	3973752	3957479	3957407	0.41	cps
Scandium	45-1	5584836	5587450	5525441	5565909	0.63	cps
Scandium	45-2	254572	252657	254510	253913	0.43	cps
Selenium	77-2	223	210	183	206	9.91	cps
Selenium	78-2	219	198	196	204	6.03	cps
Selenium	82-1	233	77	177	162	48.58	cps
Silicon	28-1	8052604	7946238	8005753	8001531	0.67	cps
Silver	109-1	775	708	883	789	11.20	cps
Silver	107-1	1058	900	1033	997	8.54	cps
Sodium	23-2	385495	386969	385142	385869	0.25	cps
Strontium	86-1	510859	505659	504943	507154	0.64	cps
Strontium	88-1	4570620	4489941	4481517	4514026	1.09	cps
Sulfur	34-1	481254	482371	484709	482778	0.37	cps
Terbium	159-1	12468221	12425617	12339886	12411241	0.53	cps
Terbium	159-2	6712788	6706885	6731438	6717037	0.19	cps
Thallium	203-1	7227	7436	7161	7275	1.97	cps
Thallium	205-1	17487	17053	17612	17384	1.69	cps
Tin	118-1	3234	3209	2992	3145	4.23	cps
Titanium	47-1	862930	857104	862821	860951	0.39	cps
Uranium	238-1	132440	131508	133435	132461	0.73	cps
Vanadium	51-2	163508	164023	164957	164163	0.45	cps
Yttrium	89-1	10627992	10579572	10493184	10566916	0.65	cps
Yttrium	89-2	1665728	1674304	1674589	1671541	0.30	cps
Zinc	66-2	62259	62493	62021	62258	0.38	cps
Zirconium	90-1	278992	278634	278069	278565	0.17	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-05DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(65-67)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:51:12	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	62437	63023	61717	62392	1.05	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-06DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(70-72)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:54:46	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2733035	2793318	2809490	2778614	1.45	cps
Antimony	121-1	417	333	458	403	15.80	cps
Arsenic	75-2	2952	2943	3106	3000	3.05	cps
Barium	135-1	1297011	1296396	1273125	1288844	1.06	cps
Barium	137-1	2267670	2258571	2223463	2249901	1.04	cps
Beryllium	9-1	4517	4379	4417	4438	1.62	cps
Bismuth	209-1	7526726	7229648	7473530	7409968	2.14	cps
Bismuth	209-2	4681934	4781298	4745775	4736336	1.06	cps
Boron	10-1	4534	4643	4826	4668	3.16	cps
Boron	11-1	20957	20673	21541	21057	2.10	cps
Cadmium	111-1	3560	3337	3730	3542	5.57	cps
Cadmium	106-1	4793	4526	4851	4723	3.67	cps
Cadmium	108-1	475	438	379	431	11.22	cps
Calcium	43-1	2229950	2238057	2194373	2220793	1.05	cps
Calcium	44-1	36850426	37073458	36295559	36739814	1.09	cps
Chromium	52-2	156426	158990	159900	158439	1.14	cps
Cobalt	59-2	137113	138718	138113	137981	0.59	cps
Copper	63-2	235219	238965	237626	237270	0.80	cps
Dysprosium	156-1	119332	117525	116844	117900	1.09	cps
Dysprosium	156-2	64869	66342	65723	65645	1.13	cps
Erbium	164-1	100141	100897	97732	99590	1.66	cps
Erbium	164-2	54645	54435	55656	54912	1.19	cps
Gadolinium	160-1	112410	113600	110049	112020	1.61	cps
Gadolinium	160-2	67589	69009	68805	68468	1.12	cps
Holmium	165-1	12140069	11747854	11920646	11936190	1.65	cps
Holmium	165-2	6730412	6757632	6739482	6742509	0.21	cps
Indium	115-1	8821027	8445785	8684272	8650361	2.20	cps
Indium	115-2	1935390	1954619	1959363	1949791	0.65	cps
Iron	56-2	136315942	138090295	138231225	137545821	0.78	cps
Iron	57-2	3300554	3331565	3358683	3330268	0.87	cps
Lead	206-1	253956	255759	249373	253029	1.30	cps
Lead	207-1	201433	202957	196476	200289	1.69	cps
Lead	208-1	965281	969176	943003	959153	1.47	cps
Lithium	6-1	1820287	1761166	1808032	1796495	1.74	cps
Magnesium	24-2	7050382	7141053	7150988	7114141	0.78	cps
Manganese	55-2	2996729	3052976	3059906	3036537	1.14	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-06DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(70-72)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:54:46	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	119009	119186	116127	118107	1.45	cps
Molybdenum	95-1	4418	4434	4484	4445	0.78	cps
Molybdenum	96-1	24748	25482	25273	25168	1.50	cps
Molybdenum	97-1	2634	2850	2775	2753	4.00	cps
Molybdenum	98-1	7035	6794	6844	6891	1.85	cps
Neodymium	150-1	170070	173262	168126	170486	1.52	cps
Neodymium	150-2	76028	76698	76611	76446	0.48	cps
Nickel	60-2	86131	85937	86295	86121	0.21	cps
Phosphorus	31-2	10771	11438	11680	11296	4.17	cps
Potassium	39-2	2333327	2350279	2388040	2357215	1.19	cps
Rhodium	103-1	7923532	7685526	7903745	7837601	1.69	cps
Rhodium	103-2	3910672	3916798	3922078	3916516	0.15	cps
Scandium	45-1	5502179	5310479	5426663	5413107	1.78	cps
Scandium	45-2	249387	251814	254524	251908	1.02	cps
Selenium	77-2	137	183	200	173	18.94	cps
Selenium	78-2	187	220	204	204	8.18	cps
Selenium	82-1	150	184	203	179	15.08	cps
Silicon	28-1	9134109	9225022	9054352	9137828	0.93	cps
Silver	109-1	908	1108	867	961	13.44	cps
Silver	107-1	1192	1417	1183	1264	10.47	cps
Sodium	23-2	304940	307328	311492	307920	1.08	cps
Strontium	86-1	623786	629489	611890	621722	1.44	cps
Strontium	88-1	5541605	5527888	5455024	5508173	0.84	cps
Sulfur	34-1	525528	527063	518976	523856	0.82	cps
Terbium	159-1	12323789	11812136	12158400	12098108	2.16	cps
Terbium	159-2	6582459	6617584	6633735	6611259	0.40	cps
Thallium	203-1	6794	6669	6619	6694	1.35	cps
Thallium	205-1	15844	16461	15760	16021	2.39	cps
Tin	118-1	3617	3576	3359	3517	3.94	cps
Titanium	47-1	889731	889088	886129	888316	0.22	cps
Uranium	238-1	123225	123513	121005	122581	1.12	cps
Vanadium	51-2	162139	163177	163878	163065	0.54	cps
Yttrium	89-1	10492897	10175995	10372440	10347111	1.55	cps
Yttrium	89-2	1654120	1661219	1666919	1660753	0.39	cps
Zinc	66-2	68322	69411	69290	69008	0.86	cps
Zirconium	90-1	318189	321503	312230	317307	1.48	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-06DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-F-5A(70-72)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:54:46	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	71438	71035	69628	70700	1.34	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-07DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:58:22	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3735134	3713640	3697210	3715328	0.51	cps
Antimony	121-1	625	808	558	664	19.50	cps
Arsenic	75-2	5134	5060	5056	5084	0.86	cps
Barium	135-1	476554	476284	474536	475791	0.23	cps
Barium	137-1	825612	828586	826172	826790	0.19	cps
Beryllium	9-1	3573	3195	3651	3473	7.02	cps
Bismuth	209-1	7431818	7504516	7550686	7495673	0.80	cps
Bismuth	209-2	4794991	4760161	4777815	4777656	0.36	cps
Boron	10-1	1959	2134	2509	2200	12.77	cps
Boron	11-1	9837	10029	10062	9976	1.22	cps
Cadmium	111-1	3484	3606	3107	3399	7.66	cps
Cadmium	106-1	4801	4809	4418	4676	4.79	cps
Cadmium	108-1	438	313	479	410	21.17	cps
Calcium	43-1	269405	271738	270446	270529	0.43	cps
Calcium	44-1	4438691	4490159	4461444	4463431	0.58	cps
Chromium	52-2	210827	208526	209270	209541	0.56	cps
Cobalt	59-2	144062	141911	141023	142332	1.10	cps
Copper	63-2	222709	221249	222035	221998	0.33	cps
Dysprosium	156-1	94349	97016	96152	95839	1.42	cps
Dysprosium	156-2	52068	51627	51750	51815	0.44	cps
Erbium	164-1	80856	79850	80237	80314	0.63	cps
Erbium	164-2	45084	43676	45255	44672	1.94	cps
Gadolinium	160-1	86347	88444	87966	87586	1.25	cps
Gadolinium	160-2	53046	51814	53109	52656	1.39	cps
Holmium	165-1	11851774	12044206	11931782	11942587	0.81	cps
Holmium	165-2	6763094	6691308	6722560	6725654	0.54	cps
Indium	115-1	8705765	8848887	8779063	8777905	0.82	cps
Indium	115-2	1965804	1946652	1957654	1956703	0.49	cps
Iron	56-2	178572982	175552537	175913237	176679585	0.93	cps
Iron	57-2	4337126	4290195	4299820	4309047	0.58	cps
Lead	206-1	497629	504898	498783	500437	0.78	cps
Lead	207-1	391257	401702	395801	396253	1.32	cps
Lead	208-1	1884624	1902935	1891705	1893088	0.49	cps
Lithium	6-1	1809127	1813997	1814796	1812640	0.17	cps
Magnesium	24-2	2619379	2595356	2591551	2602095	0.58	cps
Manganese	55-2	2206434	2185227	2191105	2194256	0.50	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-07DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:58:22	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	134310	135791	136546	135549	0.84	cps
Molybdenum	95-1	10029	10871	10396	10432	4.05	cps
Molybdenum	96-1	34342	33850	34593	34262	1.10	cps
Molybdenum	97-1	6502	6227	6268	6332	2.34	cps
Molybdenum	98-1	15985	16611	16276	16291	1.92	cps
Neodymium	150-1	134942	140119	139351	138137	2.02	cps
Neodymium	150-2	62424	62069	61701	62064	0.58	cps
Nickel	60-2	80027	79451	80107	79861	0.45	cps
Phosphorus	31-2	17937	16668	16877	17161	3.96	cps
Potassium	39-2	785144	773213	777268	778542	0.78	cps
Rhodium	103-1	8051029	8107814	8085230	8081358	0.35	cps
Rhodium	103-2	4008594	3973545	3993413	3991851	0.44	cps
Scandium	45-1	5492898	5540178	5472894	5501990	0.63	cps
Scandium	45-2	255245	252856	254352	254151	0.48	cps
Selenium	77-2	210	157	173	180	15.16	cps
Selenium	78-2	156	178	169	167	6.67	cps
Selenium	82-1	96	143	268	169	52.59	cps
Silicon	28-1	10734141	10816615	10737867	10762875	0.43	cps
Silver	109-1	1225	1183	1200	1203	1.74	cps
Silver	107-1	1508	1684	1550	1581	5.78	cps
Sodium	23-2	1055978	1049354	1042992	1049441	0.62	cps
Strontium	86-1	240059	242829	238492	240460	0.91	cps
Strontium	88-1	2096035	2104458	2115501	2105331	0.46	cps
Sulfur	34-1	351672	342891	333134	342566	2.71	cps
Terbium	159-1	12212114	12282349	12342599	12279021	0.53	cps
Terbium	159-2	6621721	6584307	6636034	6614021	0.40	cps
Thallium	203-1	3484	3359	3125	3323	5.48	cps
Thallium	205-1	8353	7452	7994	7933	5.72	cps
Tin	118-1	9237	8995	9370	9201	2.07	cps
Titanium	47-1	644171	651066	643545	646261	0.65	cps
Uranium	238-1	74448	75823	76242	75504	1.24	cps
Vanadium	51-2	182466	180479	181163	181369	0.56	cps
Yttrium	89-1	10039500	10227351	10193127	10153326	0.99	cps
Yttrium	89-2	1613362	1591492	1612194	1605683	0.77	cps
Zinc	66-2	77648	76697	77273	77206	0.62	cps
Zirconium	90-1	349178	357505	354671	353785	1.20	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-07DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 15:58:22	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	78499	80267	78598	79121	1.26	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-08DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:01:57	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2551507	2541162	2543223	2545297	0.22	cps
Antimony	121-1	400	433	383	406	6.28	cps
Arsenic	75-2	2397	2480	2447	2441	1.72	cps
Barium	135-1	236198	238655	235354	236736	0.72	cps
Barium	137-1	409853	415410	407525	410930	0.99	cps
Beryllium	9-1	2239	2117	2289	2215	4.00	cps
Bismuth	209-1	7475284	7541071	7537826	7518060	0.49	cps
Bismuth	209-2	4698585	4704151	4725480	4709405	0.30	cps
Boron	10-1	1625	1433	1500	1520	6.40	cps
Boron	11-1	6827	7135	6935	6966	2.25	cps
Cadmium	111-1	3011	3173	3058	3081	2.69	cps
Cadmium	106-1	3851	4117	4026	3998	3.39	cps
Cadmium	108-1	317	246	300	288	12.88	cps
Calcium	43-1	142439	141411	140925	141592	0.55	cps
Calcium	44-1	2352802	2347126	2337919	2345949	0.32	cps
Chromium	52-2	123105	124174	122762	123347	0.60	cps
Cobalt	59-2	102270	100911	102703	101961	0.92	cps
Copper	63-2	142274	141597	142381	142084	0.30	cps
Dysprosium	156-1	82323	83907	81634	82621	1.41	cps
Dysprosium	156-2	44455	44525	44716	44566	0.30	cps
Erbium	164-1	69218	68355	68991	68855	0.65	cps
Erbium	164-2	36643	37458	37003	37035	1.10	cps
Gadolinium	160-1	76506	77570	76120	76732	0.98	cps
Gadolinium	160-2	46810	45947	46238	46331	0.95	cps
Holmium	165-1	12054539	12051234	11968841	12024871	0.40	cps
Holmium	165-2	6652094	6613959	6607133	6624395	0.37	cps
Indium	115-1	8746240	8834379	8899420	8826679	0.87	cps
Indium	115-2	1937843	1929947	1938923	1935571	0.25	cps
Iron	56-2	99730122	99523072	99818680	99690624	0.15	cps
Iron	57-2	2393348	2399139	2402256	2398248	0.19	cps
Lead	206-1	184377	181302	182305	182661	0.86	cps
Lead	207-1	144207	145493	143080	144260	0.84	cps
Lead	208-1	692195	691739	686779	690238	0.44	cps
Lithium	6-1	1827281	1824404	1825894	1825860	0.08	cps
Magnesium	24-2	1998342	2008494	1997029	2001288	0.31	cps
Manganese	55-2	1897240	1897916	1892430	1895862	0.16	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-08DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:01:57	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	77720	76840	76279	76946	0.94	cps
Molybdenum	95-1	2067	2042	2242	2117	5.15	cps
Molybdenum	96-1	15985	15342	16193	15840	2.80	cps
Molybdenum	97-1	1417	1225	1267	1303	7.74	cps
Molybdenum	98-1	3217	3184	3192	3198	0.54	cps
Neodymium	150-1	120583	122459	123320	122121	1.15	cps
Neodymium	150-2	54521	54166	54306	54331	0.33	cps
Nickel	60-2	62017	62262	61937	62072	0.27	cps
Phosphorus	31-2	10813	11213	10779	10935	2.21	cps
Potassium	39-2	522604	528424	522057	524361	0.67	cps
Rhodium	103-1	8107548	8113152	8123997	8114899	0.10	cps
Rhodium	103-2	3939568	3958246	3939895	3945903	0.27	cps
Scandium	45-1	5416335	5416496	5386605	5406479	0.32	cps
Scandium	45-2	244700	246903	246092	245898	0.45	cps
Selenium	77-2	163	157	103	141	23.30	cps
Selenium	78-2	165	165	176	169	3.81	cps
Selenium	82-1	124	126	176	142	20.63	cps
Silicon	28-1	7229089	7182583	7197663	7203112	0.33	cps
Silver	109-1	867	950	892	903	4.74	cps
Silver	107-1	1017	992	1083	1031	4.60	cps
Sodium	23-2	587041	587551	581878	585490	0.54	cps
Strontium	86-1	89235	91172	92077	90828	1.60	cps
Strontium	88-1	797292	796833	797911	797345	0.07	cps
Sulfur	34-1	298161	300892	294653	297902	1.05	cps
Terbium	159-1	12279680	12274034	12272183	12275299	0.03	cps
Terbium	159-2	6468284	6494601	6528475	6497120	0.46	cps
Thallium	203-1	2159	2184	2200	2181	0.96	cps
Thallium	205-1	5076	5418	5476	5324	4.06	cps
Tin	118-1	4676	4876	4893	4815	2.50	cps
Titanium	47-1	839322	845666	841199	842062	0.39	cps
Uranium	238-1	54374	55461	54850	54895	0.99	cps
Vanadium	51-2	107931	110201	109868	109334	1.12	cps
Yttrium	89-1	10094500	10052049	10021971	10056173	0.36	cps
Yttrium	89-2	1552608	1568297	1569634	1563513	0.61	cps
Zinc	66-2	55438	55696	55295	55476	0.37	cps
Zirconium	90-1	206204	209053	205462	206906	0.92	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2933-08DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-119-1(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:01:57	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	46284	45130	47054	46156	2.10	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-01DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:05:31	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2411552	2428381	2432809	2424247	0.46	cps
Antimony	121-1	675	567	642	628	8.84	cps
Arsenic	75-2	2182	2124	2172	2159	1.43	cps
Barium	135-1	359438	357793	360215	359149	0.34	cps
Barium	137-1	631474	628354	627854	629227	0.31	cps
Beryllium	9-1	2584	2489	2556	2543	1.91	cps
Bismuth	209-1	7515250	7503291	7434422	7484321	0.58	cps
Bismuth	209-2	4611410	4648295	4698042	4652582	0.93	cps
Boron	10-1	2000	1775	2042	1939	7.40	cps
Boron	11-1	8528	8378	8478	8461	0.90	cps
Cadmium	111-1	3308	3374	3015	3232	5.92	cps
Cadmium	106-1	4151	4351	3751	4084	7.48	cps
Cadmium	108-1	342	388	283	338	15.47	cps
Calcium	43-1	366524	360165	360826	362505	0.96	cps
Calcium	44-1	6108816	6055589	6056637	6073680	0.50	cps
Chromium	52-2	137649	138516	138806	138324	0.44	cps
Cobalt	59-2	104394	105737	105942	105358	0.80	cps
Copper	63-2	202122	203653	205921	203899	0.94	cps
Dysprosium	156-1	84585	84754	84836	84725	0.15	cps
Dysprosium	156-2	44820	45592	45000	45137	0.90	cps
Erbium	164-1	65969	66554	67250	66591	0.96	cps
Erbium	164-2	36432	36539	35650	36207	1.34	cps
Gadolinium	160-1	75475	74285	75408	75056	0.89	cps
Gadolinium	160-2	44974	44696	44415	44695	0.62	cps
Holmium	165-1	12018225	11893666	11947192	11953028	0.52	cps
Holmium	165-2	6517163	6505369	6559350	6527294	0.43	cps
Indium	115-1	8780743	8772492	8709698	8754311	0.44	cps
Indium	115-2	1898667	1919254	1930144	1916021	0.83	cps
Iron	56-2	91225558	91664366	92124494	91671472	0.49	cps
Iron	57-2	2186423	2198075	2217432	2200644	0.71	cps
Lead	206-1	230532	229704	227302	229179	0.73	cps
Lead	207-1	182092	182617	182200	182303	0.15	cps
Lead	208-1	872998	869580	869638	870739	0.22	cps
Lithium	6-1	1826200	1812628	1810391	1816406	0.47	cps
Magnesium	24-2	2155165	2175961	2169097	2166741	0.49	cps
Manganese	55-2	2249250	2257241	2283248	2263246	0.79	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-01DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:05:31	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	79548	76841	78893	78427	1.80	cps
Molybdenum	95-1	2875	3092	2875	2948	4.25	cps
Molybdenum	96-1	17111	16318	17036	16822	2.60	cps
Molybdenum	97-1	1725	1834	1909	1822	5.06	cps
Molybdenum	98-1	5068	4768	4668	4834	4.31	cps
Neodymium	150-1	130776	130021	129342	130046	0.55	cps
Neodymium	150-2	57683	57780	57647	57703	0.12	cps
Nickel	60-2	74847	75493	75600	75313	0.54	cps
Phosphorus	31-2	5360	5618	5851	5610	4.39	cps
Potassium	39-2	633172	635608	631710	633496	0.31	cps
Rhodium	103-1	8029415	8009029	7995637	8011360	0.21	cps
Rhodium	103-2	3856943	3886276	3928892	3890704	0.93	cps
Scandium	45-1	5426695	5402085	5348103	5392294	0.75	cps
Scandium	45-2	241221	243963	245220	243468	0.84	cps
Selenium	77-2	140	130	160	143	10.66	cps
Selenium	78-2	141	200	157	166	18.40	cps
Selenium	82-1	59	99	79	79	25.20	cps
Silicon	28-1	17592343	17106831	17364628	17354600	1.40	cps
Silver	109-1	1083	1083	1100	1089	0.88	cps
Silver	107-1	1208	1058	1192	1153	7.13	cps
Sodium	23-2	717595	723228	723263	721362	0.45	cps
Strontium	86-1	230682	229330	229064	229692	0.38	cps
Strontium	88-1	2025032	2013600	2009978	2016204	0.39	cps
Sulfur	34-1	303389	302363	297389	301047	1.07	cps
Terbium	159-1	12229523	12133127	12104891	12155847	0.54	cps
Terbium	159-2	6327511	6458627	6483146	6423095	1.30	cps
Thallium	203-1	2700	2384	2217	2434	10.09	cps
Thallium	205-1	5760	6002	6027	5929	2.49	cps
Tin	118-1	5185	4868	4701	4918	4.99	cps
Titanium	47-1	910595	910303	898551	906483	0.76	cps
Uranium	238-1	63406	63382	63148	63312	0.23	cps
Vanadium	51-2	126002	126184	125535	125907	0.27	cps
Yttrium	89-1	10121357	10016980	10042550	10060296	0.54	cps
Yttrium	89-2	1540354	1563787	1565545	1556562	0.90	cps
Zinc	66-2	45537	45414	45752	45568	0.37	cps
Zirconium	90-1	210759	207903	211766	210143	0.95	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-01DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:05:31	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	47187	47103	47070	47120	0.13	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:09:05	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2827060	2803039	2810539	2813546	0.44	cps
Antimony	121-1	483	367	500	450	16.14	cps
Arsenic	75-2	3147	3089	3247	3161	2.52	cps
Barium	135-1	202209	202674	202784	202556	0.15	cps
Barium	137-1	354099	350905	354558	353188	0.56	cps
Beryllium	9-1	2689	2611	2511	2604	3.42	cps
Bismuth	209-1	7526602	7532431	7555567	7538200	0.20	cps
Bismuth	209-2	4716398	4701691	4707089	4708393	0.16	cps
Boron	10-1	1767	1792	1800	1786	0.97	cps
Boron	11-1	8361	8194	7869	8141	3.07	cps
Cadmium	111-1	3001	3024	2962	2996	1.05	cps
Cadmium	106-1	4067	3917	3951	3979	1.98	cps
Cadmium	108-1	333	258	279	290	13.34	cps
Calcium	43-1	70778	69908	71130	70605	0.89	cps
Calcium	44-1	1149051	1141286	1139219	1143185	0.45	cps
Chromium	52-2	126413	127546	127189	127049	0.46	cps
Cobalt	59-2	120530	120856	122312	121232	0.78	cps
Copper	63-2	108418	108243	111011	109224	1.42	cps
Dysprosium	156-1	51606	51054	51639	51433	0.64	cps
Dysprosium	156-2	26653	27317	27414	27128	1.53	cps
Erbium	164-1	40469	40628	40344	40480	0.35	cps
Erbium	164-2	21861	21971	22021	21951	0.37	cps
Gadolinium	160-1	44264	43863	43295	43807	1.11	cps
Gadolinium	160-2	26235	26345	26823	26468	1.18	cps
Holmium	165-1	11990067	11992447	11984621	11989045	0.03	cps
Holmium	165-2	6531713	6632262	6615969	6593315	0.82	cps
Indium	115-1	8829359	8784411	8767538	8793769	0.36	cps
Indium	115-2	1918628	1933481	1918086	1923398	0.45	cps
Iron	56-2	106113438	105811072	106696730	106207080	0.42	cps
Iron	57-2	2552687	2554112	2568689	2558496	0.35	cps
Lead	206-1	222683	224649	221842	223058	0.65	cps
Lead	207-1	175879	176104	176030	176004	0.07	cps
Lead	208-1	848393	841880	840972	843748	0.48	cps
Lithium	6-1	1820168	1821391	1835537	1825699	0.47	cps
Magnesium	24-2	1594064	1588038	1595524	1592542	0.25	cps
Manganese	55-2	1830682	1828458	1841290	1833477	0.37	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:09:05	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	92692	92054	93287	92678	0.67	cps
Molybdenum	95-1	4476	4351	4776	4534	4.82	cps
Molybdenum	96-1	21250	21333	20081	20888	3.35	cps
Molybdenum	97-1	2642	2792	2484	2639	5.84	cps
Molybdenum	98-1	6502	6527	6835	6621	2.81	cps
Neodymium	150-1	77638	76786	76144	76856	0.98	cps
Neodymium	150-2	34042	34055	35001	34366	1.60	cps
Nickel	60-2	59052	59002	61224	59759	2.12	cps
Phosphorus	31-2	7777	7185	7235	7399	4.44	cps
Potassium	39-2	527174	529534	531021	529243	0.37	cps
Rhodium	103-1	8118589	8039857	8158482	8105643	0.74	cps
Rhodium	103-2	3939204	3954780	3950488	3948157	0.20	cps
Scandium	45-1	5436852	5386982	5392175	5405336	0.51	cps
Scandium	45-2	245514	245903	248234	246551	0.60	cps
Selenium	77-2	113	83	140	112	25.26	cps
Selenium	78-2	102	157	109	123	24.56	cps
Selenium	82-1	104	75	195	125	50.07	cps
Silicon	28-1	11139724	11001236	10934922	11025294	0.95	cps
Silver	109-1	417	700	425	514	31.37	cps
Silver	107-1	708	742	867	772	10.81	cps
Sodium	23-2	528778	522103	526164	525682	0.64	cps
Strontium	86-1	132121	134844	130371	132445	1.70	cps
Strontium	88-1	1165309	1166455	1161716	1164493	0.21	cps
Sulfur	34-1	280707	279281	275427	278472	0.98	cps
Terbium	159-1	12239969	12162379	12191580	12197976	0.32	cps
Terbium	159-2	6533627	6517446	6543290	6531454	0.20	cps
Thallium	203-1	2750	2709	2675	2712	1.39	cps
Thallium	205-1	5927	6052	5735	5904	2.70	cps
Tin	118-1	3559	3951	3892	3801	5.56	cps
Titanium	47-1	754915	751154	751657	752575	0.27	cps
Uranium	238-1	57580	57144	56633	57119	0.83	cps
Vanadium	51-2	123212	123623	126631	124489	1.50	cps
Yttrium	89-1	9678532	9638898	9655696	9657709	0.21	cps
Yttrium	89-2	1485023	1505092	1499075	1496397	0.69	cps
Zinc	66-2	37191	36776	37572	37180	1.07	cps
Zirconium	90-1	251495	247460	246174	248377	1.12	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:09:05	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	56521	55567	54923	55670	1.44	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : J2950-02DUPDLX2 Instrumnet Name : P7
 Client Sample ID : EPE-MX-3(5-10)DUPDL Dilution Factor : 2
 Date & Time Acquired :: 2018-05-22 16:12:38 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2843896	2810594	2811001	2821831	0.68	cps
Antimony	121-1	558	542	517	539	3.89	cps
Arsenic	75-2	3160	3089	3036	3095	2.01	cps
Barium	135-1	205659	203882	205945	205162	0.54	cps
Barium	137-1	356421	356980	355449	356283	0.22	cps
Beryllium	9-1	2678	2411	2506	2532	5.34	cps
Bismuth	209-1	7485268	7512830	7525112	7507737	0.27	cps
Bismuth	209-2	4709662	4693012	4624485	4675719	0.97	cps
Boron	10-1	1617	1625	1775	1672	5.33	cps
Boron	11-1	8244	8203	7802	8083	3.02	cps
Cadmium	111-1	3131	3157	2728	3005	8.00	cps
Cadmium	106-1	4101	4259	3784	4048	5.98	cps
Cadmium	108-1	283	308	292	294	4.32	cps
Calcium	43-1	71255	72211	70896	71454	0.95	cps
Calcium	44-1	1156882	1154033	1154990	1155302	0.13	cps
Chromium	52-2	127455	126618	124396	126156	1.25	cps
Cobalt	59-2	123134	118846	119220	120400	1.97	cps
Copper	63-2	108995	107666	106934	107865	0.97	cps
Dysprosium	156-1	51665	52392	52928	52328	1.21	cps
Dysprosium	156-2	27524	27595	28366	27828	1.68	cps
Erbium	164-1	39642	40018	41179	40280	1.99	cps
Erbium	164-2	21978	22332	21968	22092	0.94	cps
Gadolinium	160-1	43954	44649	44925	44509	1.12	cps
Gadolinium	160-2	27411	26773	26319	26834	2.04	cps
Holmium	165-1	12035881	11896970	11955055	11962635	0.58	cps
Holmium	165-2	6623765	6467261	6492598	6527875	1.29	cps
Indium	115-1	8782401	8787954	8726379	8765578	0.39	cps
Indium	115-2	1927492	1903546	1890210	1907083	0.99	cps
Iron	56-2	108071608	105736916	105401677	106403401	1.37	cps
Iron	57-2	2580631	2548338	2535541	2554837	0.91	cps
Lead	206-1	226009	226728	227100	226612	0.24	cps
Lead	207-1	177776	179340	177522	178212	0.55	cps
Lead	208-1	852523	859216	853716	855152	0.42	cps
Lithium	6-1	1832477	1814283	1817228	1821330	0.54	cps
Magnesium	24-2	1617738	1597965	1578569	1598090	1.23	cps
Manganese	55-2	1852677	1815203	1808442	1825441	1.31	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:12:38	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	91559	91778	92919	92085	0.79	cps
Molybdenum	95-1	4609	4201	4359	4390	4.69	cps
Molybdenum	96-1	20415	20974	20065	20485	2.24	cps
Molybdenum	97-1	2767	2934	2517	2739	7.66	cps
Molybdenum	98-1	7210	7169	7060	7147	1.08	cps
Neodymium	150-1	79804	80381	79113	79766	0.80	cps
Neodymium	150-2	35486	35028	34928	35147	0.85	cps
Nickel	60-2	60896	58962	59560	59806	1.66	cps
Phosphorus	31-2	7294	6994	7110	7133	2.12	cps
Potassium	39-2	533417	525196	521086	526566	1.19	cps
Rhodium	103-1	7993439	8023770	8029887	8015699	0.24	cps
Rhodium	103-2	3917206	3864978	3848389	3876858	0.93	cps
Scandium	45-1	5387296	5376168	5357496	5373653	0.28	cps
Scandium	45-2	245412	243733	240771	243305	0.97	cps
Selenium	77-2	107	90	97	98	8.58	cps
Selenium	78-2	163	113	115	130	21.77	cps
Selenium	82-1	153	120	113	128	16.48	cps
Silicon	28-1	18018017	18148558	17916082	18027552	0.65	cps
Silver	109-1	342	567	442	450	25.05	cps
Silver	107-1	742	708	758	736	3.46	cps
Sodium	23-2	524423	517228	517013	519555	0.81	cps
Strontium	86-1	134685	132649	135172	134169	1.00	cps
Strontium	88-1	1170198	1165045	1159945	1165062	0.44	cps
Sulfur	34-1	265169	265409	260345	263641	1.08	cps
Terbium	159-1	12143672	12209386	12176867	12176642	0.27	cps
Terbium	159-2	6545444	6384471	6412518	6447478	1.33	cps
Thallium	203-1	2367	2584	2559	2503	4.74	cps
Thallium	205-1	6277	5827	6644	6249	6.55	cps
Tin	118-1	3801	3851	3534	3728	4.57	cps
Titanium	47-1	834743	836371	834165	835093	0.14	cps
Uranium	238-1	57546	57764	59421	58244	1.76	cps
Vanadium	51-2	126234	123741	123011	124329	1.36	cps
Yttrium	89-1	9594827	9580398	9545662	9573629	0.26	cps
Yttrium	89-2	1494483	1472724	1470783	1479330	0.89	cps
Zinc	66-2	36847	36583	36586	36672	0.41	cps
Zirconium	90-1	240439	244367	245571	243459	1.10	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:12:38	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	55475	54354	54764	54864	1.03	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:25:26	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3296940	3297798	3305770	3300169	0.15	cps
Antimony	121-1	3841521	3829429	3822709	3831219	0.25	cps
Arsenic	75-2	132155	129808	131383	131115	0.91	cps
Barium	135-1	4726510	4731856	4702789	4720385	0.33	cps
Barium	137-1	8342328	8335178	8320531	8332679	0.13	cps
Beryllium	9-1	673008	677819	675359	675395	0.36	cps
Bismuth	209-1	7152084	7161564	7161166	7158271	0.07	cps
Bismuth	209-2	4508373	4151847	4492023	4384081	4.59	cps
Boron	10-1	74509	73797	74952	74419	0.78	cps
Boron	11-1	345855	349369	352940	349388	1.01	cps
Cadmium	111-1	858022	858719	855896	857546	0.17	cps
Cadmium	106-1	99153	95579	95990	96908	2.02	cps
Cadmium	108-1	64153	64919	64751	64608	0.62	cps
Calcium	43-1	5096975	5105237	5057511	5086574	0.50	cps
Calcium	44-1	82377808	82393598	82226756	82332721	0.11	cps
Chromium	52-2	1096861	1088790	1096178	1093943	0.41	cps
Cobalt	59-2	1675237	1665067	1665038	1668447	0.35	cps
Copper	63-2	2304184	2291541	2291927	2295884	0.31	cps
Dysprosium	156-1	125	67	67	86	39.11	cps
Dysprosium	156-2	60	93	87	80	22.05	cps
Erbium	164-1	58	75	92	75	22.22	cps
Erbium	164-2	20	27	33	27	24.99	cps
Gadolinium	160-1	108	100	117	108	7.69	cps
Gadolinium	160-2	137	147	160	148	7.92	cps
Holmium	165-1	11978689	11900906	11912033	11930542	0.35	cps
Holmium	165-2	6647802	6130535	6574954	6451097	4.34	cps
Indium	115-1	8411519	8457319	8394153	8420997	0.39	cps
Indium	115-2	1852710	1712826	1839404	1801647	4.29	cps
Iron	56-2	220715622	221375605	219682772	220591333	0.39	cps
Iron	57-2	5475223	5374741	5416295	5422086	0.93	cps
Lead	206-1	3007645	3027865	3020712	3018741	0.34	cps
Lead	207-1	2656487	2662227	2671500	2663404	0.28	cps
Lead	208-1	12129915	12191424	12183304	12168214	0.27	cps
Lithium	6-1	1771644	1772687	1771747	1772026	0.03	cps
Magnesium	24-2	36887719	37043859	36882439	36938006	0.25	cps
Manganese	55-2	1231041	1232641	1233700	1232461	0.11	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:25:26	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7407380	7453774	7393956	7418370	0.42	cps
Molybdenum	95-1	9092366	9110652	9028148	9077055	0.48	cps
Molybdenum	96-1	10097694	10093842	10020082	10070539	0.43	cps
Molybdenum	97-1	5690805	5583007	5550003	5607938	1.31	cps
Molybdenum	98-1	14559557	14632351	14407668	14533192	0.79	cps
Neodymium	150-1	380	360	373	371	2.74	cps
Neodymium	150-2	53	57	77	62	20.29	cps
Nickel	60-2	441069	440289	439334	440230	0.20	cps
Phosphorus	31-2	37782	36387	37231	37133	1.89	cps
Potassium	39-2	19589879	19693031	19538052	19606987	0.40	cps
Rhodium	103-1	7554786	7598542	7495120	7549482	0.69	cps
Rhodium	103-2	3688777	3411787	3672598	3591054	4.33	cps
Scandium	45-1	5198088	5148534	5143883	5163502	0.58	cps
Scandium	45-2	239194	219889	236013	231699	4.47	cps
Selenium	77-2	2550	2677	2684	2637	2.85	cps
Selenium	78-2	9066	9108	9186	9120	0.67	cps
Selenium	82-1	52011	52122	51179	51771	1.00	cps
Silicon	28-1	2847055	2910497	2909318	2888957	1.26	cps
Silver	109-1	4015704	4014172	4018332	4016069	0.05	cps
Silver	107-1	4161893	4207421	4167064	4178793	0.60	cps
Sodium	23-2	68608243	68603437	67978756	68396812	0.53	cps
Strontium	86-1	1158157	1153460	1153949	1155188	0.22	cps
Strontium	88-1	10424916	10432918	10377894	10411909	0.29	cps
Sulfur	34-1	682073	681931	684040	682681	0.17	cps
Terbium	159-1	12293667	12250663	12126836	12223722	0.71	cps
Terbium	159-2	6489026	5988179	6414058	6297088	4.29	cps
Thallium	203-1	3703673	3706127	3676971	3695590	0.44	cps
Thallium	205-1	9119763	9144000	9044964	9102909	0.57	cps
Tin	118-1	2884575	2890068	2893821	2889488	0.16	cps
Titanium	47-1	2380763	2364229	2349453	2364815	0.66	cps
Uranium	238-1	13022337	13182089	13159669	13121365	0.66	cps
Vanadium	51-2	893600	894007	893871	893826	0.02	cps
Yttrium	89-1	9065211	9058237	9029612	9051020	0.21	cps
Yttrium	89-2	1422612	1312156	1402309	1379026	4.26	cps
Zinc	66-2	334728	337264	331879	334624	0.81	cps
Zirconium	90-1	6191280	6255382	6242992	6229885	0.55	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:25:26	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1341654	1342083	1356637	1346791	0.63	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : CCB63 Instrumnet Name : P7
 Client Sample ID : CCB63 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-22 16:30:33 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	92	158	114	33.80	cps
Antimony	121-1	1859	2067	2709	2211	20.04	cps
Arsenic	75-2	7	9	7	8	13.31	cps
Barium	135-1	125	158	100	128	22.90	cps
Barium	137-1	192	167	158	172	10.07	cps
Beryllium	9-1	289	311	244	281	12.06	cps
Bismuth	209-1	7607262	7594236	7729679	7643725	0.98	cps
Bismuth	209-2	4873984	4852294	4882399	4869559	0.32	cps
Boron	10-1	1042	1108	1325	1158	12.79	cps
Boron	11-1	5785	5843	5084	5571	7.58	cps
Cadmium	111-1	2126	2120	2375	2207	6.58	cps
Cadmium	106-1	3000	3034	3359	3131	6.32	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Calcium	43-1	142	167	183	164	12.80	cps
Calcium	44-1	7177	7677	7511	7455	3.42	cps
Chromium	52-2	197	127	113	146	30.75	cps
Cobalt	59-2	90	60	77	76	19.89	cps
Copper	63-2	967	930	857	918	6.10	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	27	17	10	18	47.19	cps
Gadolinium	160-1	67	67	42	58	24.74	cps
Gadolinium	160-2	127	123	160	137	14.83	cps
Holmium	165-1	11834931	11858798	11979201	11890976	0.65	cps
Holmium	165-2	6753928	6703686	6712014	6723209	0.40	cps
Indium	115-1	8817798	8840288	8970346	8876144	0.93	cps
Indium	115-2	1962544	1989107	1990652	1980767	0.80	cps
Iron	56-2	13212	12556	12378	12715	3.45	cps
Iron	57-2	539	544	528	537	1.58	cps
Lead	206-1	783	822	800	802	2.43	cps
Lead	207-1	617	694	689	667	6.51	cps
Lead	208-1	3034	3167	3323	3174	4.56	cps
Lithium	6-1	1800051	1817866	1838657	1818858	1.06	cps
Magnesium	24-2	1033	833	825	897	13.15	cps
Manganese	55-2	150	163	123	146	13.99	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:30:33	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	783	633	775	731	11.54	cps
Molybdenum	95-1	583	767	767	706	15.00	cps
Molybdenum	96-1	842	892	792	842	5.94	cps
Molybdenum	97-1	525	417	358	433	19.52	cps
Molybdenum	98-1	1242	1225	1108	1192	6.10	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	70	80	117	89	27.64	cps
Phosphorus	31-2	250	175	233	219	17.95	cps
Potassium	39-2	36471	36738	38468	37225	2.91	cps
Rhodium	103-1	8112848	8161676	8264066	8179530	0.94	cps
Rhodium	103-2	4056371	4081912	4101345	4079876	0.55	cps
Scandium	45-1	5168999	5221007	5284555	5224854	1.11	cps
Scandium	45-2	242168	241418	244284	242623	0.61	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	57	69	69	65	9.90	cps
Selenium	82-1	42	-12	72	34	123.70	cps
Silicon	28-1	373861	370765	371651	372092	0.43	cps
Silver	109-1	117	175	225	172	31.48	cps
Silver	107-1	233	250	208	231	9.10	cps
Sodium	23-2	18153	19121	19589	18954	3.86	cps
Strontium	86-1	683	742	833	753	10.05	cps
Strontium	88-1	225	275	325	275	18.18	cps
Sulfur	34-1	373764	366135	370287	370062	1.03	cps
Terbium	159-1	12012162	12044024	12171582	12075923	0.70	cps
Terbium	159-2	6590611	6613907	6599514	6601344	0.18	cps
Thallium	203-1	750	467	517	578	26.17	cps
Thallium	205-1	1684	1458	1442	1528	8.83	cps
Tin	118-1	1050	1058	1108	1072	2.94	cps
Titanium	47-1	208	83	150	147	42.48	cps
Uranium	238-1	292	258	217	256	14.70	cps
Vanadium	51-2	17	13	3	11	62.48	cps
Yttrium	89-1	9058597	9127379	9292917	9159631	1.31	cps
Yttrium	89-2	1450214	1460473	1457071	1455919	0.36	cps
Zinc	66-2	490	453	437	460	5.93	cps
Zirconium	90-1	733	817	908	820	10.68	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:30:33	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	217	133	161	29.86	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02LDLX10	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-05-22 16:36:04	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	560236	558240	556515	558330	0.33	cps
Antimony	121-1	717	883	825	808	10.46	cps
Arsenic	75-2	624	598	669	630	5.65	cps
Barium	135-1	39432	40585	39700	39906	1.51	cps
Barium	137-1	69852	70069	68620	69513	1.12	cps
Beryllium	9-1	700	750	656	702	6.73	cps
Bismuth	209-1	7612761	7705899	7650267	7656309	0.61	cps
Bismuth	209-2	4885266	4841320	4807244	4844610	0.81	cps
Boron	10-1	900	967	958	942	3.86	cps
Boron	11-1	4401	4693	4834	4643	4.76	cps
Cadmium	111-1	2492	2225	2217	2311	6.77	cps
Cadmium	106-1	3517	3209	3100	3276	6.60	cps
Cadmium	108-1	58	108	88	85	29.65	cps
Calcium	43-1	14491	14282	14316	14363	0.78	cps
Calcium	44-1	231967	227523	230409	229966	0.98	cps
Chromium	52-2	26280	25502	25268	25684	2.06	cps
Cobalt	59-2	24971	24928	24020	24640	2.18	cps
Copper	63-2	23282	22915	22725	22974	1.23	cps
Dysprosium	156-1	9896	10588	10196	10226	3.39	cps
Dysprosium	156-2	5458	5738	5311	5502	3.94	cps
Erbium	164-1	7769	7461	7652	7627	2.04	cps
Erbium	164-2	4234	4267	4177	4226	1.08	cps
Gadolinium	160-1	8411	8520	8420	8450	0.71	cps
Gadolinium	160-2	5324	5311	5258	5298	0.67	cps
Holmium	165-1	12017105	12147041	12023228	12062458	0.61	cps
Holmium	165-2	6838064	6789450	6717955	6781823	0.89	cps
Indium	115-1	8892246	9003806	8890891	8928981	0.73	cps
Indium	115-2	2014864	1984545	1983330	1994246	0.90	cps
Iron	56-2	21688350	21409221	21329878	21475817	0.88	cps
Iron	57-2	515465	511256	505908	510876	0.94	cps
Lead	206-1	43867	45060	44999	44642	1.50	cps
Lead	207-1	35392	35454	34206	35017	2.01	cps
Lead	208-1	167406	168326	166928	167553	0.42	cps
Lithium	6-1	1869072	1863324	1850876	1861091	0.50	cps
Magnesium	24-2	326352	320929	320810	322697	0.98	cps
Manganese	55-2	372183	366164	367237	368528	0.87	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02LDLX10	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-05-22 16:36:04	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18171	18221	18513	18301	1.01	cps
Molybdenum	95-1	1025	1017	1125	1056	5.71	cps
Molybdenum	96-1	4276	4101	4509	4295	4.77	cps
Molybdenum	97-1	708	592	608	636	9.92	cps
Molybdenum	98-1	1617	1517	1750	1628	7.19	cps
Neodymium	150-1	14548	14615	15029	14731	1.77	cps
Neodymium	150-2	6885	7002	6999	6962	0.95	cps
Nickel	60-2	12342	12512	12395	12417	0.70	cps
Phosphorus	31-2	1542	1583	1884	1670	11.17	cps
Potassium	39-2	135632	136009	134396	135346	0.62	cps
Rhodium	103-1	8236564	8318206	8249879	8268216	0.53	cps
Rhodium	103-2	4128005	4101788	4079067	4102954	0.60	cps
Scandium	45-1	5382921	5407414	5374712	5388349	0.32	cps
Scandium	45-2	252519	250382	247489	250130	1.01	cps
Selenium	77-2	30	37	10	26	54.31	cps
Selenium	78-2	89	100	94	94	5.88	cps
Selenium	82-1	45	41	-41	15	318.79	cps
Silicon	28-1	3022933	2997894	2975451	2998759	0.79	cps
Silver	109-1	183	250	150	194	26.19	cps
Silver	107-1	242	225	317	261	18.70	cps
Sodium	23-2	118902	118969	117357	118409	0.77	cps
Strontium	86-1	26567	26250	26342	26386	0.62	cps
Strontium	88-1	227068	228578	226216	227287	0.53	cps
Sulfur	34-1	363824	362121	360595	362180	0.45	cps
Terbium	159-1	12262249	12353874	12196999	12271041	0.64	cps
Terbium	159-2	6732926	6612569	6626499	6657331	0.99	cps
Thallium	203-1	742	783	817	781	4.81	cps
Thallium	205-1	1817	1650	1692	1720	5.05	cps
Tin	118-1	1625	1850	1692	1722	6.71	cps
Titanium	47-1	146453	150215	146924	147864	1.39	cps
Uranium	238-1	11097	11272	11481	11283	1.70	cps
Vanadium	51-2	24791	25092	24357	24747	1.49	cps
Yttrium	89-1	9383643	9438304	9375168	9399038	0.36	cps
Yttrium	89-2	1498359	1480174	1483441	1487325	0.65	cps
Zinc	66-2	7672	7652	7555	7627	0.82	cps
Zirconium	90-1	49813	48876	49703	49464	1.04	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02LDLX10	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-05-22 16:36:04	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10771	11030	11363	11055	2.69	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:39:37	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3194831	3231546	3225567	3217315	0.61	cps
Antimony	121-1	622727	627715	625361	625268	0.40	cps
Arsenic	75-2	63560	64832	65667	64687	1.64	cps
Barium	135-1	2485452	2504825	2465723	2485333	0.79	cps
Barium	137-1	4355837	4413393	4339945	4369725	0.88	cps
Beryllium	9-1	328230	329803	326653	328229	0.48	cps
Bismuth	209-1	7342319	7408686	7306402	7352469	0.71	cps
Bismuth	209-2	4640373	4650663	4696900	4662645	0.65	cps
Boron	10-1	38291	39569	38726	38862	1.67	cps
Boron	11-1	179073	178035	181004	179371	0.84	cps
Cadmium	111-1	425643	421584	424749	423992	0.50	cps
Cadmium	106-1	50098	49646	49312	49685	0.79	cps
Cadmium	108-1	31598	32341	32479	32139	1.47	cps
Calcium	43-1	582009	580981	580829	581273	0.11	cps
Calcium	44-1	9600470	9609165	9576234	9595290	0.18	cps
Chromium	52-2	642557	641173	646196	643309	0.40	cps
Cobalt	59-2	932468	930038	937952	933486	0.43	cps
Copper	63-2	1289821	1289653	1302725	1294066	0.58	cps
Dysprosium	156-1	53346	52100	53129	52859	1.26	cps
Dysprosium	156-2	27127	28012	28520	27886	2.53	cps
Erbium	164-1	37895	39809	39065	38923	2.48	cps
Erbium	164-2	21280	21781	21330	21464	1.28	cps
Gadolinium	160-1	45042	44849	43871	44587	1.41	cps
Gadolinium	160-2	26659	26706	26866	26744	0.41	cps
Holmium	165-1	11833974	11872488	11807094	11837852	0.28	cps
Holmium	165-2	6576711	6640903	6604980	6607531	0.49	cps
Indium	115-1	8699222	8618743	8606734	8641566	0.58	cps
Indium	115-2	1899907	1900576	1920375	1906953	0.61	cps
Iron	56-2	121519700	122014961	121961678	121832113	0.22	cps
Iron	57-2	2927032	2952070	2943695	2940932	0.43	cps
Lead	206-1	1662585	1669382	1658694	1663554	0.33	cps
Lead	207-1	1390718	1408441	1397408	1398856	0.64	cps
Lead	208-1	6534524	6555379	6513762	6534555	0.32	cps
Lithium	6-1	1836140	1824267	1816406	1825604	0.54	cps
Magnesium	24-2	5404907	5432412	5466060	5434460	0.56	cps
Manganese	55-2	2195436	2208020	2209786	2204414	0.35	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:39:37	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3523057	3546619	3561902	3543859	0.55	cps
Molybdenum	95-1	4224792	4211367	4255042	4230401	0.53	cps
Molybdenum	96-1	4729406	4722421	4738928	4730252	0.18	cps
Molybdenum	97-1	2612399	2600656	2599420	2604158	0.28	cps
Molybdenum	98-1	6894288	6856817	6827312	6859472	0.49	cps
Neodymium	150-1	82110	83512	82164	82595	0.96	cps
Neodymium	150-2	36769	36966	36655	36797	0.43	cps
Nickel	60-2	271454	272437	275512	273134	0.78	cps
Phosphorus	31-2	6827	6952	6977	6919	1.16	cps
Potassium	39-2	2539309	2540513	2563808	2547876	0.54	cps
Rhodium	103-1	7895130	7850540	7851636	7865769	0.32	cps
Rhodium	103-2	3865062	3876888	3885414	3875788	0.26	cps
Scandium	45-1	5418754	5385212	5381354	5395107	0.38	cps
Scandium	45-2	245846	245959	251045	247617	1.20	cps
Selenium	77-2	1357	1383	1353	1365	1.20	cps
Selenium	78-2	4267	4347	4325	4313	0.95	cps
Selenium	82-1	24504	24351	24143	24333	0.74	cps
Silicon	28-1	18295302	18336449	18276338	18302697	0.17	cps
Silver	109-1	1755394	1754545	1757871	1755937	0.10	cps
Silver	107-1	1829527	1840888	1834051	1834822	0.31	cps
Sodium	23-2	7254741	7291693	7311928	7286120	0.40	cps
Strontium	86-1	691957	684258	671722	682646	1.50	cps
Strontium	88-1	6191744	6208240	6151563	6183849	0.47	cps
Sulfur	34-1	349088	344250	344014	345784	0.83	cps
Terbium	159-1	12119581	12095193	12078107	12097627	0.17	cps
Terbium	159-2	6427640	6471280	6543019	6480646	0.90	cps
Thallium	203-1	1771814	1766337	1754702	1764284	0.50	cps
Thallium	205-1	4341380	4344837	4318399	4334872	0.33	cps
Tin	118-1	907261	916351	910573	911395	0.50	cps
Titanium	47-1	2184838	2185569	2157307	2175905	0.74	cps
Uranium	238-1	6206644	6313239	6182764	6234216	1.11	cps
Vanadium	51-2	559582	561020	559608	560070	0.15	cps
Yttrium	89-1	9519577	9589526	9360024	9489709	1.24	cps
Yttrium	89-2	1487293	1489282	1503669	1493415	0.60	cps
Zinc	66-2	206998	206495	206294	206596	0.18	cps
Zirconium	90-1	3147399	3181468	3108845	3145904	1.15	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:39:37	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	697408	697297	693994	696233	0.28	cps

LB Number : LB95545 Operator : Jaswal
 Lab Sample ID : J2950-02MSDDLX2 Instrumnet Name : P7
 Client Sample ID : EPE-MX-3(5-10)MSDDL Dilution Factor : 2
 Date & Time Acquired :: 2018-05-22 16:43:10 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3468919	3515243	3554721	3512961	1.22	cps
Antimony	121-1	608106	606604	613211	609307	0.57	cps
Arsenic	75-2	65787	64968	66120	65625	0.90	cps
Barium	135-1	2550896	2575056	2585973	2570642	0.70	cps
Barium	137-1	4498117	4501078	4556045	4518413	0.72	cps
Beryllium	9-1	333325	335861	335605	334931	0.42	cps
Bismuth	209-1	7362401	7445391	7529203	7445665	1.12	cps
Bismuth	209-2	4596474	4598963	4695615	4630350	1.22	cps
Boron	10-1	39946	40731	40497	40391	1.00	cps
Boron	11-1	182633	186200	191655	186829	2.43	cps
Cadmium	111-1	435283	435249	435891	435474	0.08	cps
Cadmium	106-1	50675	49956	51980	50870	2.02	cps
Cadmium	108-1	32667	33135	32579	32794	0.91	cps
Calcium	43-1	597685	610457	607670	605271	1.11	cps
Calcium	44-1	9941558	10002630	10060785	10001658	0.60	cps
Chromium	52-2	665033	664030	668424	665829	0.35	cps
Cobalt	59-2	946053	952415	961115	953194	0.79	cps
Copper	63-2	1304002	1304888	1322494	1310461	0.80	cps
Dysprosium	156-1	62418	62735	62928	62694	0.41	cps
Dysprosium	156-2	32114	32712	32462	32430	0.93	cps
Erbium	164-1	46171	45652	46848	46224	1.30	cps
Erbium	164-2	24549	25063	25057	24889	1.19	cps
Gadolinium	160-1	51355	53095	53781	52744	2.37	cps
Gadolinium	160-2	30878	31032	31677	31196	1.36	cps
Holmium	165-1	11950639	12036278	12149809	12045575	0.83	cps
Holmium	165-2	6511839	6554469	6607370	6557893	0.73	cps
Indium	115-1	8690432	8713470	8791751	8731885	0.61	cps
Indium	115-2	1890700	1900820	1915012	1902177	0.64	cps
Iron	56-2	132098036	132779495	133477347	132784959	0.52	cps
Iron	57-2	3191221	3229123	3251574	3223973	0.95	cps
Lead	206-1	1744838	1749391	1762342	1752190	0.52	cps
Lead	207-1	1460397	1469664	1484930	1471664	0.84	cps
Lead	208-1	6837888	6861433	6933433	6877585	0.72	cps
Lithium	6-1	1830769	1848952	1848852	1842858	0.57	cps
Magnesium	24-2	5643138	5658547	5698599	5666761	0.51	cps
Manganese	55-2	2089854	2089559	2098549	2092654	0.24	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSDDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:43:10	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3642914	3670471	3671375	3661587	0.44	cps
Molybdenum	95-1	4274881	4311733	4358459	4315024	0.97	cps
Molybdenum	96-1	4780956	4815271	4877773	4824666	1.02	cps
Molybdenum	97-1	2645685	2655156	2705169	2668670	1.20	cps
Molybdenum	98-1	6965393	7001793	7082431	7016539	0.85	cps
Neodymium	150-1	99074	99289	98832	99065	0.23	cps
Neodymium	150-2	43669	43468	42743	43294	1.13	cps
Nickel	60-2	280371	281190	282700	281420	0.42	cps
Phosphorus	31-2	7185	7652	7102	7313	4.06	cps
Potassium	39-2	2582715	2610388	2628464	2607189	0.88	cps
Rhodium	103-1	7882380	7966734	8033428	7960847	0.95	cps
Rhodium	103-2	3824281	3849443	3896282	3856669	0.95	cps
Scandium	45-1	5439366	5491873	5541197	5490812	0.93	cps
Scandium	45-2	245572	245884	248327	246594	0.61	cps
Selenium	77-2	1540	1353	1423	1439	6.55	cps
Selenium	78-2	4408	4443	4688	4513	3.38	cps
Selenium	82-1	25255	25146	25382	25261	0.47	cps
Silicon	28-1	17749701	18098080	18053579	17967120	1.06	cps
Silver	109-1	1812015	1812355	1821235	1815202	0.29	cps
Silver	107-1	1869578	1896290	1889629	1885165	0.74	cps
Sodium	23-2	7433290	7475992	7487540	7465607	0.38	cps
Strontium	86-1	711761	723962	720588	718770	0.88	cps
Strontium	88-1	6463459	6504211	6515905	6494525	0.42	cps
Sulfur	34-1	321339	321144	322583	321689	0.24	cps
Terbium	159-1	12075520	12280219	12390352	12248697	1.30	cps
Terbium	159-2	6454787	6414409	6542701	6470633	1.01	cps
Thallium	203-1	1826472	1829709	1852197	1836126	0.76	cps
Thallium	205-1	4434811	4487500	4511798	4478036	0.88	cps
Tin	118-1	912068	918347	918757	916391	0.41	cps
Titanium	47-1	2401718	2428966	2447849	2426178	0.96	cps
Uranium	238-1	6416851	6439354	6513726	6456644	0.79	cps
Vanadium	51-2	577375	578016	586730	580707	0.90	cps
Yttrium	89-1	9714517	9725493	9740318	9726776	0.13	cps
Yttrium	89-2	1479899	1496343	1513447	1496563	1.12	cps
Zinc	66-2	209997	210906	211293	210732	0.32	cps
Zirconium	90-1	3315027	3310835	3335048	3320303	0.39	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02MSDDLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:43:10	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	735968	737333	737983	737095	0.14	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02ADLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:46:44	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3425616	3388655	3376995	3397089	0.75	cps
Antimony	121-1	624288	619186	623100	622191	0.43	cps
Arsenic	75-2	66380	65485	66025	65963	0.68	cps
Barium	135-1	2575700	2561165	2587610	2574825	0.51	cps
Barium	137-1	4536644	4489181	4544677	4523500	0.66	cps
Beryllium	9-1	334534	327120	330728	330794	1.12	cps
Bismuth	209-1	7479813	7423521	7480279	7461205	0.44	cps
Bismuth	209-2	4687346	4697824	4649753	4678308	0.54	cps
Boron	10-1	39737	40104	41575	40472	2.40	cps
Boron	11-1	186174	185362	189690	187076	1.23	cps
Cadmium	111-1	441051	436469	438563	438694	0.52	cps
Cadmium	106-1	50499	50616	49989	50368	0.66	cps
Cadmium	108-1	32717	31581	32191	32163	1.77	cps
Calcium	43-1	601496	600104	599813	600471	0.15	cps
Calcium	44-1	9960797	9913630	9979543	9951323	0.34	cps
Chromium	52-2	660429	654825	654518	656591	0.51	cps
Cobalt	59-2	957529	944227	945505	949087	0.77	cps
Copper	63-2	1319153	1315807	1309253	1314738	0.38	cps
Dysprosium	156-1	59254	57655	57589	58166	1.62	cps
Dysprosium	156-2	30183	30086	30344	30204	0.43	cps
Erbium	164-1	44022	42409	43897	43443	2.07	cps
Erbium	164-2	23841	23591	22879	23437	2.13	cps
Gadolinium	160-1	49197	47810	49306	48771	1.71	cps
Gadolinium	160-2	29462	28907	28757	29042	1.28	cps
Holmium	165-1	12082757	12032479	12105474	12073570	0.31	cps
Holmium	165-2	6702091	6681308	6626949	6670116	0.58	cps
Indium	115-1	8809773	8756227	8807606	8791202	0.34	cps
Indium	115-2	1927811	1918818	1927322	1924650	0.26	cps
Iron	56-2	129063231	128895453	127378242	128445642	0.72	cps
Iron	57-2	3101893	3107507	3080147	3096516	0.47	cps
Lead	206-1	1746690	1739358	1743714	1743254	0.21	cps
Lead	207-1	1467163	1468555	1467484	1467734	0.05	cps
Lead	208-1	6854768	6820922	6831228	6835639	0.25	cps
Lithium	6-1	1829023	1830126	1830538	1829896	0.04	cps
Magnesium	24-2	5658839	5578398	5575653	5604297	0.84	cps
Manganese	55-2	2163197	2157654	2161654	2160835	0.13	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02ADLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:46:44	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3680147	3621559	3680713	3660806	0.93	cps
Molybdenum	95-1	4354497	4317089	4358591	4343392	0.53	cps
Molybdenum	96-1	4842959	4826031	4894099	4854363	0.73	cps
Molybdenum	97-1	2690193	2660001	2689131	2679775	0.64	cps
Molybdenum	98-1	7045515	7044683	7121983	7070727	0.63	cps
Neodymium	150-1	92348	92065	93013	92476	0.53	cps
Neodymium	150-2	40443	40091	39614	40049	1.04	cps
Nickel	60-2	281653	278654	278741	279683	0.61	cps
Phosphorus	31-2	7285	6919	7044	7083	2.63	cps
Potassium	39-2	2623552	2582222	2584956	2596910	0.89	cps
Rhodium	103-1	8018410	7994397	8056620	8023142	0.39	cps
Rhodium	103-2	3915892	3878519	3878706	3891039	0.55	cps
Scandium	45-1	5498420	5485289	5508353	5497354	0.21	cps
Scandium	45-2	248944	247477	248726	248382	0.32	cps
Selenium	77-2	1340	1443	1347	1377	4.20	cps
Selenium	78-2	4458	4419	4410	4429	0.58	cps
Selenium	82-1	25109	25013	25489	25203	1.00	cps
Silicon	28-1	17473239	17445386	17482177	17466934	0.11	cps
Silver	109-1	1816642	1798389	1821712	1812248	0.68	cps
Silver	107-1	1877632	1883050	1880590	1880424	0.14	cps
Sodium	23-2	7472681	7392976	7395594	7420417	0.61	cps
Strontium	86-1	722735	709682	717859	716759	0.92	cps
Strontium	88-1	6515496	6380523	6462856	6452958	1.05	cps
Sulfur	34-1	310415	308426	307377	308739	0.50	cps
Terbium	159-1	12347654	12285569	12362206	12331810	0.33	cps
Terbium	159-2	6596043	6579732	6518547	6564774	0.62	cps
Thallium	203-1	1839765	1823594	1835041	1832800	0.45	cps
Thallium	205-1	4522264	4446573	4479284	4482707	0.85	cps
Tin	118-1	939953	926284	941884	936040	0.91	cps
Titanium	47-1	2323303	2311619	2330118	2321680	0.40	cps
Uranium	238-1	6473889	6355220	6520363	6449824	1.32	cps
Vanadium	51-2	579020	577028	574908	576985	0.36	cps
Yttrium	89-1	9761806	9673340	9768073	9734406	0.54	cps
Yttrium	89-2	1518763	1518089	1505642	1514164	0.49	cps
Zinc	66-2	213378	209428	209358	210721	1.09	cps
Zirconium	90-1	3319341	3289877	3329675	3312964	0.62	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	J2950-02ADLX2	Instrumnet Name :	P7
Client Sample ID :	EPE-MX-3(5-10)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-22 16:46:44	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	731023	724715	732716	729485	0.58	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:57:36	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3368111	3343869	3399667	3370549	0.83	cps
Antimony	121-1	3820717	3854196	3875919	3850277	0.72	cps
Arsenic	75-2	132712	133472	134451	133545	0.65	cps
Barium	135-1	4710048	4770902	4749908	4743619	0.65	cps
Barium	137-1	8308706	8395025	8405505	8369746	0.63	cps
Beryllium	9-1	667193	672425	675665	671761	0.64	cps
Bismuth	209-1	7019728	7077002	7071764	7056165	0.45	cps
Bismuth	209-2	4435380	4408807	4434559	4426249	0.34	cps
Boron	10-1	74208	76167	76561	75645	1.67	cps
Boron	11-1	343468	355703	356579	351917	2.08	cps
Cadmium	111-1	858951	862491	865441	862295	0.38	cps
Cadmium	106-1	97996	96881	98105	97661	0.69	cps
Cadmium	108-1	64530	65220	65325	65025	0.66	cps
Calcium	43-1	5104484	5097150	5127400	5109678	0.31	cps
Calcium	44-1	82571375	82621439	83052908	82748574	0.32	cps
Chromium	52-2	1117462	1117057	1124509	1119676	0.37	cps
Cobalt	59-2	1693568	1690276	1712906	1698917	0.72	cps
Copper	63-2	2331961	2332499	2364258	2342906	0.79	cps
Dysprosium	156-1	108	192	125	142	31.13	cps
Dysprosium	156-2	57	93	70	73	25.31	cps
Erbium	164-1	75	25	50	50	50.01	cps
Erbium	164-2	30	40	27	32	21.53	cps
Gadolinium	160-1	175	83	108	122	38.77	cps
Gadolinium	160-2	143	157	163	154	6.59	cps
Holmium	165-1	11867002	11815628	11820675	11834435	0.24	cps
Holmium	165-2	6568104	6486501	6544810	6533139	0.64	cps
Indium	115-1	8384175	8333695	8317819	8345229	0.42	cps
Indium	115-2	1833231	1826933	1840130	1833431	0.36	cps
Iron	56-2	224606344	224431055	227107200	225381533	0.66	cps
Iron	57-2	5577126	5525643	5586554	5563108	0.59	cps
Lead	206-1	3022837	3040367	3053840	3039015	0.51	cps
Lead	207-1	2657367	2677417	2673449	2669411	0.40	cps
Lead	208-1	12176719	12271425	12263476	12237207	0.43	cps
Lithium	6-1	1752956	1767302	1760978	1760412	0.41	cps
Magnesium	24-2	37998309	37841875	38076835	37972340	0.32	cps
Manganese	55-2	1255391	1252260	1262068	1256573	0.40	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:57:36	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7450720	7466540	7499243	7472168	0.33	cps
Molybdenum	95-1	9143771	9147593	9211105	9167490	0.41	cps
Molybdenum	96-1	10138229	10126970	10202657	10155952	0.40	cps
Molybdenum	97-1	5582870	5605001	5735865	5641245	1.47	cps
Molybdenum	98-1	14601395	14700923	14842197	14714839	0.82	cps
Neodymium	150-1	360	373	473	402	15.40	cps
Neodymium	150-2	47	83	57	62	30.46	cps
Nickel	60-2	449858	448876	455366	451367	0.78	cps
Phosphorus	31-2	37164	36813	39035	37671	3.17	cps
Potassium	39-2	19995911	19917893	20131566	20015124	0.54	cps
Rhodium	103-1	7465276	7506536	7472357	7481390	0.29	cps
Rhodium	103-2	3665574	3649151	3667834	3660853	0.28	cps
Scandium	45-1	5086798	5099334	5081908	5089347	0.18	cps
Scandium	45-2	238790	237780	240110	238893	0.49	cps
Selenium	77-2	2820	2774	2610	2735	4.03	cps
Selenium	78-2	9112	9120	9294	9175	1.12	cps
Selenium	82-1	51580	51828	52464	51958	0.88	cps
Silicon	28-1	2866387	2927819	2942866	2912357	1.39	cps
Silver	109-1	4007849	4028458	4036099	4024135	0.36	cps
Silver	107-1	4181025	4196339	4230480	4202615	0.60	cps
Sodium	23-2	70024283	70075906	70660477	70253555	0.50	cps
Strontium	86-1	1164306	1167844	1163945	1165365	0.18	cps
Strontium	88-1	10473057	10480110	10538649	10497272	0.34	cps
Sulfur	34-1	665189	661808	662101	663033	0.28	cps
Terbium	159-1	12015340	12021638	11980344	12005774	0.19	cps
Terbium	159-2	6380647	6334043	6425246	6379979	0.71	cps
Thallium	203-1	3735506	3745642	3761220	3747456	0.35	cps
Thallium	205-1	9184823	9226163	9230733	9213906	0.27	cps
Tin	118-1	2900765	2903088	2939301	2914385	0.74	cps
Titanium	47-1	2379289	2365592	2382613	2375831	0.38	cps
Uranium	238-1	13168783	13408014	13336024	13304273	0.92	cps
Vanadium	51-2	910962	907341	919717	912673	0.70	cps
Yttrium	89-1	8939620	8958232	8961504	8953118	0.13	cps
Yttrium	89-2	1402694	1402049	1414162	1406302	0.48	cps
Zinc	66-2	340440	339440	343021	340967	0.54	cps
Zirconium	90-1	6229973	6270224	6273561	6257919	0.39	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 16:57:36	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1345223	1352423	1347051	1348232	0.28	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 17:01:11	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	192	183	197	8.80	cps
Antimony	121-1	3384	3267	3576	3409	4.57	cps
Arsenic	75-2	24	15	15	18	29.87	cps
Barium	135-1	125	108	217	150	38.89	cps
Barium	137-1	233	267	267	256	7.53	cps
Beryllium	9-1	328	322	306	319	3.63	cps
Bismuth	209-1	7803519	7873430	7861409	7846119	0.48	cps
Bismuth	209-2	4805392	4823055	4858892	4829113	0.56	cps
Boron	10-1	1950	1792	1875	1872	4.23	cps
Boron	11-1	9562	8953	8019	8845	8.78	cps
Cadmium	111-1	2323	2295	2135	2251	4.51	cps
Cadmium	106-1	3326	3251	3034	3203	4.73	cps
Cadmium	108-1	25	8	8	14	69.31	cps
Calcium	43-1	225	183	175	194	13.78	cps
Calcium	44-1	7235	7069	6985	7096	1.79	cps
Chromium	52-2	190	167	170	176	7.19	cps
Cobalt	59-2	70	67	57	64	10.76	cps
Copper	63-2	1020	930	963	971	4.69	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	20	13	3	12	68.66	cps
Gadolinium	160-1	58	92	25	58	57.14	cps
Gadolinium	160-2	143	117	137	132	10.50	cps
Holmium	165-1	12048589	12055397	12101029	12068338	0.24	cps
Holmium	165-2	6605073	6649307	6652998	6635793	0.40	cps
Indium	115-1	9032597	9014839	9050717	9032718	0.20	cps
Indium	115-2	1943297	1950524	1976093	1956638	0.88	cps
Iron	56-2	19702	17845	17900	18482	5.72	cps
Iron	57-2	617	767	706	696	10.83	cps
Lead	206-1	1133	1000	1117	1083	6.71	cps
Lead	207-1	956	906	950	937	2.93	cps
Lead	208-1	4250	4200	4189	4213	0.77	cps
Lithium	6-1	1874971	1886958	1871765	1877898	0.43	cps
Magnesium	24-2	958	900	808	889	8.51	cps
Manganese	55-2	113	110	120	114	4.45	cps

LB Number :	LB95545	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-05-22 17:01:11	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1017	975	825	939	10.74	cps
Molybdenum	95-1	1425	1275	1075	1258	13.95	cps
Molybdenum	96-1	1467	1217	1408	1364	9.59	cps
Molybdenum	97-1	942	692	692	775	18.62	cps
Molybdenum	98-1	2125	1734	1792	1884	11.22	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	120	80	100	100	20.00	cps
Phosphorus	31-2	292	233	200	242	19.20	cps
Potassium	39-2	37515	36955	38025	37498	1.43	cps
Rhodium	103-1	8283144	8326953	8341322	8317140	0.36	cps
Rhodium	103-2	3986299	4024282	4038710	4016430	0.67	cps
Scandium	45-1	5306716	5292933	5320965	5306871	0.26	cps
Scandium	45-2	242258	241965	242345	242190	0.08	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	74	70	63	69	8.19	cps
Selenium	82-1	81	9	0	30	149.74	cps
Silicon	28-1	359362	359204	359097	359221	0.04	cps
Silver	109-1	158	192	167	172	10.07	cps
Silver	107-1	267	200	158	208	26.23	cps
Sodium	23-2	24947	26115	23987	25016	4.26	cps
Strontium	86-1	917	750	775	814	11.04	cps
Strontium	88-1	300	308	250	286	11.03	cps
Sulfur	34-1	363207	364626	365110	364314	0.27	cps
Terbium	159-1	12298449	12362198	12423238	12361295	0.50	cps
Terbium	159-2	6381254	6536604	6555216	6491025	1.47	cps
Thallium	203-1	1150	1125	825	1033	17.50	cps
Thallium	205-1	3151	2684	2334	2723	15.05	cps
Tin	118-1	1567	1350	1492	1470	7.49	cps
Titanium	47-1	208	192	108	169	31.62	cps
Uranium	238-1	400	208	208	272	40.65	cps
Vanadium	51-2	13	10	10	11	17.30	cps
Yttrium	89-1	9284914	9336121	9370238	9330425	0.46	cps
Yttrium	89-2	1418752	1441814	1446288	1435618	1.03	cps
Zinc	66-2	447	397	447	430	6.71	cps
Zirconium	90-1	750	875	1025	883	15.59	cps

LB Number :	LB95545	Operator :	Jaswal
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	267	158	200	29.17	cps