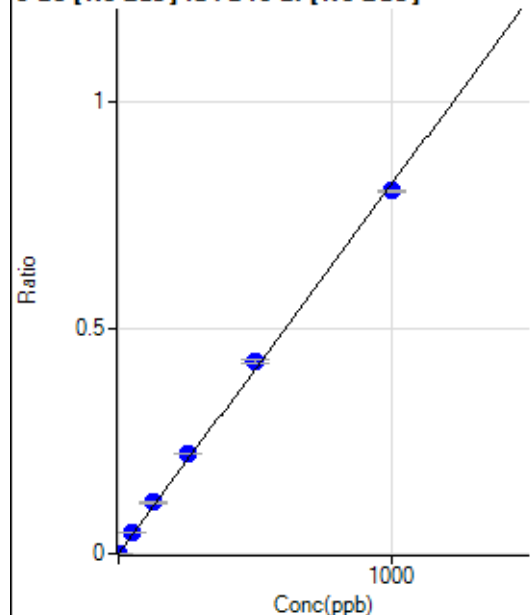


Batch Folder: D:\P8102117-MS.b\
Analysis File: P8102117-MS.batch.bin
DA Date-Time: 2017-10-23 00:39:14
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-10-21 14:36:14
2			
3	005CALS.d	S02	2017-10-21 14:43:19
4	006CALS.d	S03	2017-10-21 14:46:48
5	007CALS.d	S04	2017-10-21 14:50:16
6	008CALS.d	S05	2017-10-21 14:53:40
7	009CALS.d	S06	2017-10-21 14:56:59
8	010CALS.d	S07	2017-10-21 15:00:13
9	011CALS.d	S08	2017-10-21 15:03:25

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.59	0.0000	P	38.9
2	☐	0.100					
3	☐	1.000	0.981	863.02	0.0008	P	18.2
4	☐	50.000	57.219	45895.87	0.0469	P	4.9
5	☐	125.000	138.370	117483.08	0.1133	P	0.9
6	☐	250.000	271.560	238841.34	0.2224	P	1.0
7	☐	500.000	520.133	494089.30	0.4259	P	2.2
8	☐	1000.000	982.511	936802.92	0.8045	P	0.8
9	☐			251.86	0.0002	P	14.5

$$y = 8.1876\text{E-}004 * x + 4.1806\text{E-}005$$

$$R = 0.9994$$

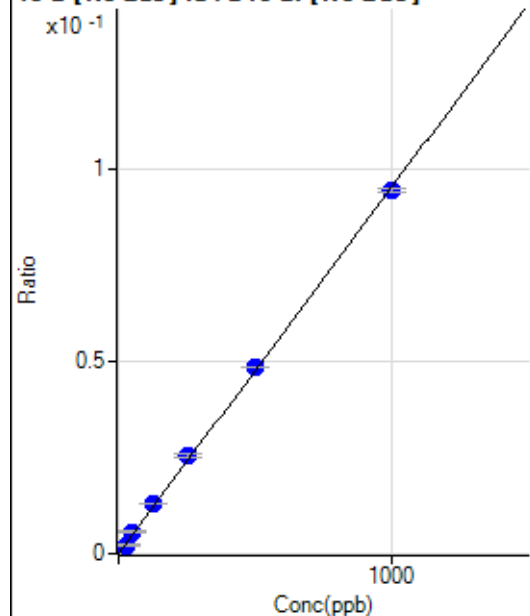
$$DL = 0.05958$$

$$BEC = 0.05106$$

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	41.67	0.0000	P	20.2
2	☐	2.500					
3	☐	25.000	22.793	2258.61	0.0022	P	14.0
4	☐	50.000	58.145	5448.47	0.0056	P	6.6
5	☐	125.000	136.002	13448.53	0.0130	P	2.1
6	☐	250.000	265.644	27168.13	0.0253	P	4.1
7	☐	500.000	507.451	56037.99	0.0483	P	0.2
8	☐	1000.000	990.636	109739.75	0.0942	P	1.0
9	☐			5309.53	0.0043	P	7.1

$$y = 9.5081\text{E-}005 * x + 4.0800\text{E-}005$$

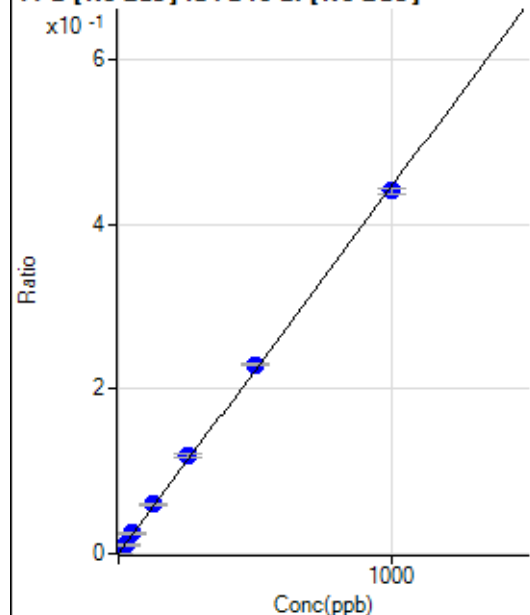
$$R = 0.9998$$

$$DL = 0.2595$$

$$BEC = 0.4291$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	241.68	0.0002	P	27.6
2	☐	2.500					
3	☐	25.000	23.134	10796.17	0.0105	P	2.3
4	☐	50.000	55.421	24396.58	0.0249	P	6.7
5	☐	125.000	134.853	62556.48	0.0603	P	3.0
6	☐	250.000	265.104	127145.72	0.1184	P	4.5
7	☐	500.000	513.296	265733.45	0.2290	P	1.1
8	☐	1000.000	988.120	513173.24	0.4406	P	1.5
9	☐			24352.08	0.0199	P	6.9

$$y = 4.4569\text{E-}004 * x + 2.3692\text{E-}004$$

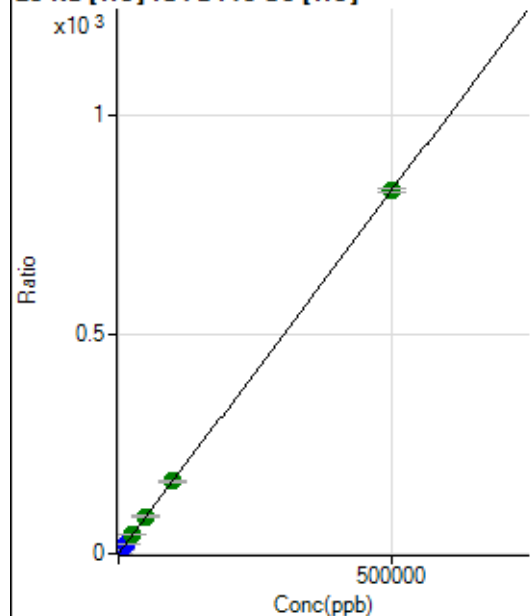
$$R = 0.9997$$

$$DL = 0.4406$$

$$BEC = 0.5316$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6382.29	0.1697	P	8.4
2	☐	50.000					
3	☐	500.000	486.151	34657.18	0.9747	P	9.6
4	☐	5000.000	4964.212	319419.44	8.3901	P	0.4
5	☐	12500.000	12616.715	783262.35	21.0621	P	1.0
6	☐	25000.000	25935.851	1561160.67	43.1177	A	1.1
7	☐	50000.000	51423.332	2943661.96	85.3233	A	0.7
8	☐	100000.00	99757.711	5568511.24	165.3618	A	1.4
9	☐	500000.00	499856.78	28943897.52	827.8990	A	1.1

$$y = 0.0017 * x + 0.1697$$

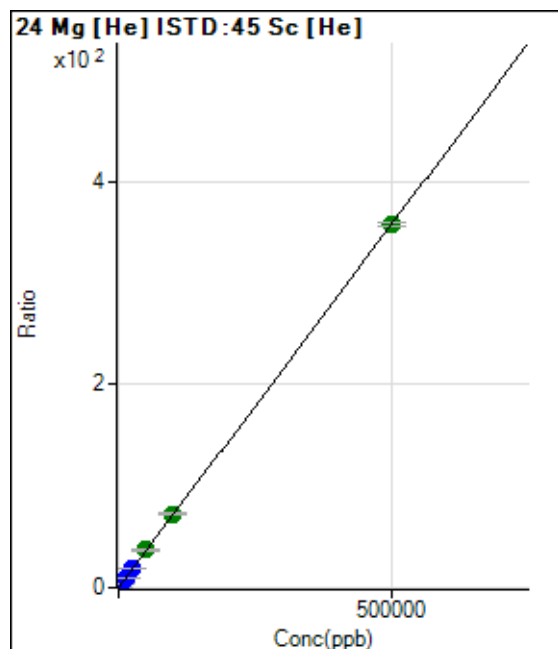
$$R = 1.0000$$

$$DL = 25.84$$

$$BEC = 102.5$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0026	P	24.9
2	☐	50.000					
3	☐	500.000	468.063	12005.60	0.3375	P	9.0
4	☐	5000.000	4969.907	135489.98	3.5592	P	1.9
5	☐	12500.000	12580.293	334888.32	9.0054	P	1.0
6	☐	25000.000	25956.384	672632.88	18.5777	P	1.1
7	☐	50000.000	51661.844	1275542.60	36.9732	A	2.0
8	☐	100000.00	101580.59	2447982.85	72.6965	A	1.8
9	☐	500000.00	499468.20	12496567.82	357.4358	A	1.0

$$y = 7.1563\text{E-}004 * x + 0.0026$$

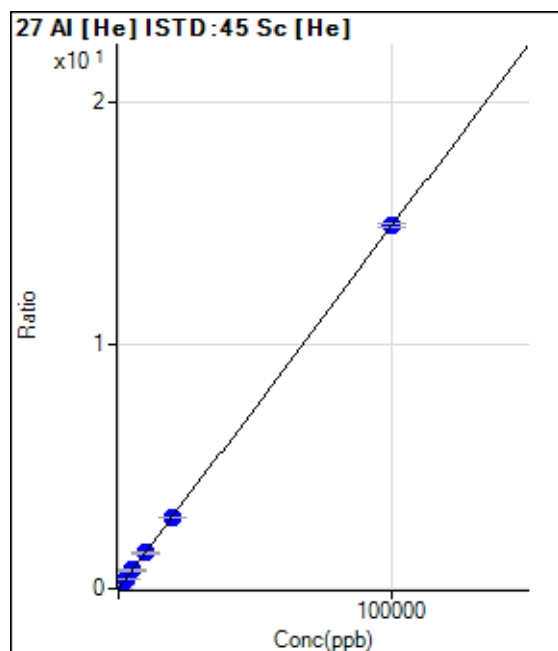
$$R = 1.0000$$

$$DL = 2.694$$

$$BEC = 3.613$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0003	P	86.6
2	☐	2.000					
3	☐	20.000	13.979	83.34	0.0024	P	48.2
4	☐	1000.000	1001.661	5681.97	0.1492	P	3.7
5	☐	2500.000	2437.591	13490.38	0.3628	P	0.8
6	☐	5000.000	5047.316	27182.63	0.7508	P	2.1
7	☐	10000.000	9863.282	50616.21	1.4669	P	2.2
8	☐	20000.000	19555.265	97931.10	2.9081	P	1.1
9	☐	100000.00	100101.79	520432.24	14.8851	P	1.2

$$y = 1.4870\text{E-}004 * x + 2.9529\text{E-}004$$

$$R = 1.0000$$

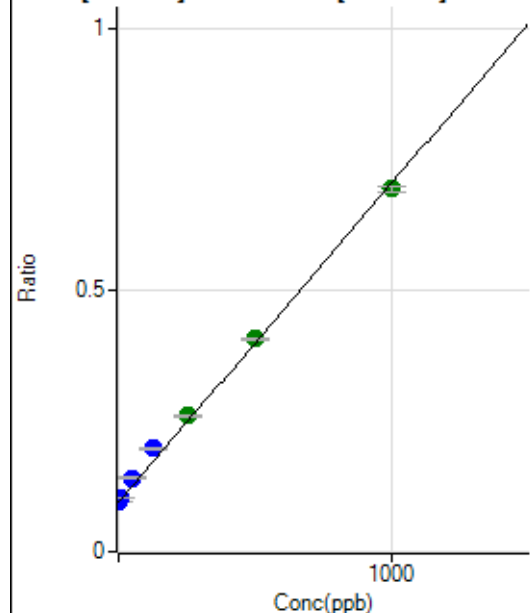
$$DL = 5.16$$

$$BEC = 1.986$$

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	424167.73	0.0946	P	0.4
2	☐	1.000					
3	☐	10.000	13.606	465232.39	0.1029	P	1.0
4	☐	50.000	77.147	614132.36	0.1417	P	4.5
5	☐	125.000	168.299	892861.30	0.1974	P	0.6
6	☐	250.000	270.544	1163126.04	0.2598	A	0.5
7	☐	500.000	511.811	1833079.84	0.4072	A	0.8
8	☐	1000.000	982.153	2967073.87	0.6944	A	1.2
9	☐			429077.06	0.0941	P	0.8

$$y = 6.1076\text{E-}004 * x + 0.0946$$

$$R = 0.9989$$

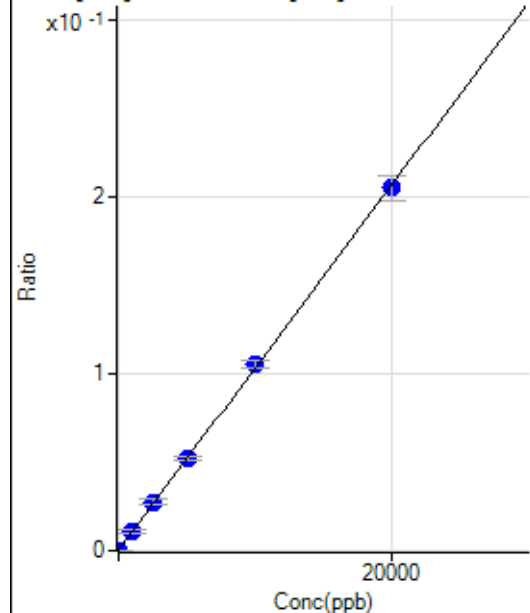
$$DL = 1.993$$

$$BEC = 154.8$$

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	-8.452	5.56	0.0001	P	173.
2	☐	0.000					
3	☐	0.000	8.452	11.11	0.0003	P	87.2
4	☐	1000.000	1023.091	411.13	0.0108	P	12.7
5	☐	2500.000	2651.132	1027.87	0.0276	P	12.6
6	☐	5000.000	5063.521	1902.98	0.0526	P	4.4
7	☐	10000.000	10208.229	3647.88	0.1057	P	3.8
8	☐	20000.000	19859.959	6915.86	0.2054	P	7.1
9	☐			8.33	0.0002	P	101.

$$y = 1.0332\text{E-}005 * x + 2.3523\text{E-}004$$

$$R = 0.9999$$

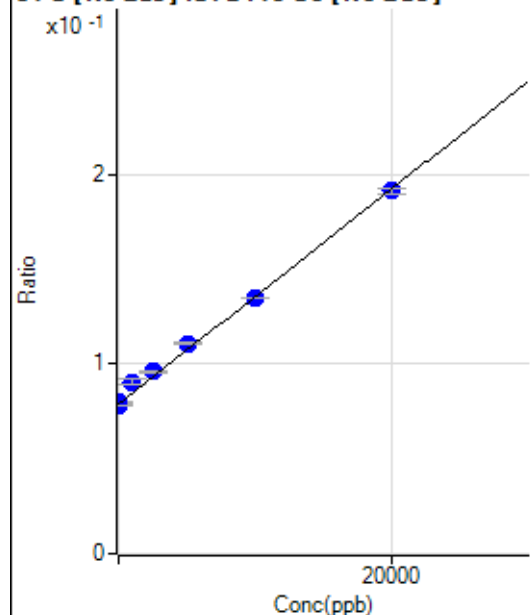
$$DL = 78.05$$

$$BEC = 22.77$$

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	132.823	357715.26	0.0798	P	0.6
2	☐	0.000					
3	☐	0.000	-132.823	353851.61	0.0782	P	0.6
4	☐	1000.000	2017.795	392139.38	0.0904	P	3.3
5	☐	2500.000	3038.005	435345.73	0.0962	P	1.1
6	☐	5000.000	5632.555	496675.59	0.1109	P	0.9
7	☐	10000.000	9837.406	606855.01	0.1348	P	0.4
8	☐	20000.000	19805.018	817368.07	0.1913	P	1.3
9	☐			357968.92	0.0785	P	1.1

$$y = 5.6713\text{E-}006 * x + 0.0790$$

$$R = 0.9983$$

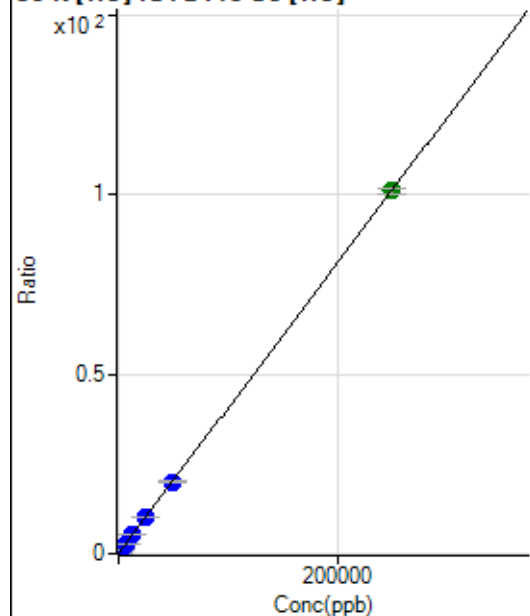
$$DL = 254.4$$

$$BEC = 1.393\text{E}+04$$

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	2500.34	0.0665	P	6.1
2	☐	50.000					
3	☐	500.000	480.136	9256.24	0.2601	P	8.1
4	☐	2500.000	2583.026	42189.06	1.1083	P	2.3
5	☐	6250.000	6534.973	100485.45	2.7021	P	1.4
6	☐	12500.000	12924.497	191131.07	5.2792	P	2.5
7	☐	25000.000	25360.495	355189.65	10.2948	P	0.2
8	☐	50000.000	49296.642	671759.54	19.9487	P	1.8
9	☐	250000.00	250075.48	3528777.56	100.9266	A	1.3

$$y = 4.0332\text{E-}004 * x + 0.0665$$

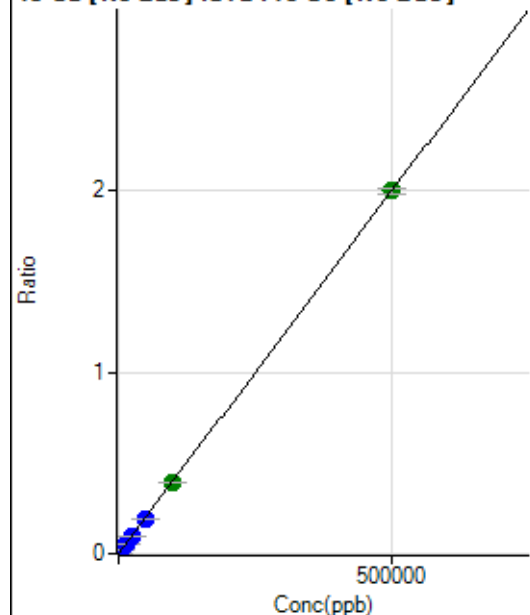
$$R = 1.0000$$

$$DL = 29.94$$

$$BEC = 164.8$$

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	2319.74	0.0005	P	10.0
2	☐	50.000					
3	☐	500.000	405.147	9648.19	0.0021	P	2.0
4	☐	5000.000	5126.340	90885.20	0.0210	P	5.1
5	☐	12500.000	12140.044	221472.36	0.0490	P	0.8
6	☐	25000.000	24599.651	441724.94	0.0987	P	0.3
7	☐	50000.000	48343.631	870740.45	0.1934	P	0.6
8	☐	100000.00	98854.953	1687359.89	0.3949	A	1.0
9	☐	500000.00	500422.49	9105668.26	1.9972	A	1.3

$$y = 3.9900\text{E-}006 * x + 5.1712\text{E-}004$$

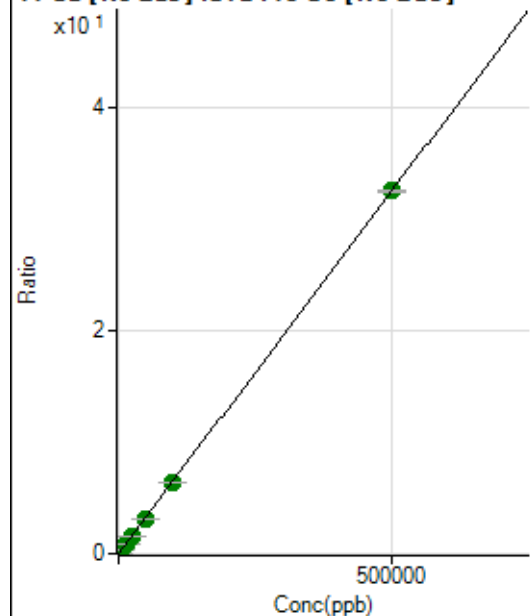
$$R = 1.0000$$

$$DL = 38.89$$

$$BEC = 129.6$$

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	19489.32	0.0043	P	3.1
2	☐	50.000					
3	☐	500.000	432.768	146673.21	0.0324	P	1.4
4	☐	5000.000	5185.051	1477737.15	0.3409	A	4.0
5	☐	12500.000	12254.296	3618052.77	0.7997	A	1.0
6	☐	25000.000	24430.056	7118322.12	1.5900	A	1.0
7	☐	50000.000	48374.467	14155580.53	3.1442	A	0.3
8	☐	100000.00	97213.466	26978520.57	6.3142	A	0.5
9	☐	500000.00	500752.71	148211228.3	32.5070	A	0.6

$$y = 6.4908\text{E-}005 * x + 0.0043$$

$$R = 1.0000$$

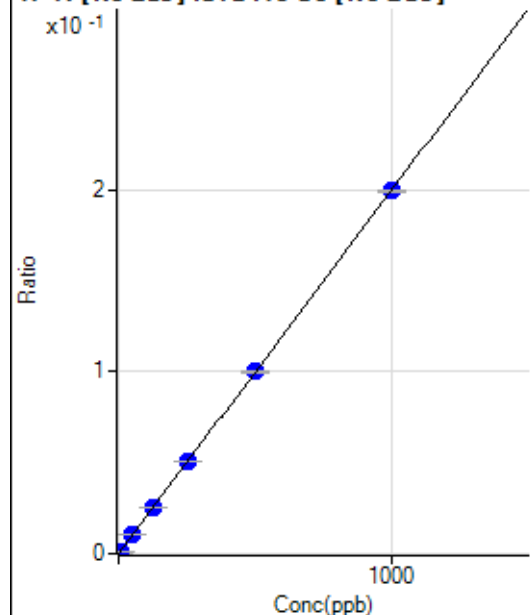
$$DL = 6.323$$

$$BEC = 66.95$$

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	180.57	0.0000	P	14.2
2	☐	0.500					
3	☐	5.000	4.243	4014.64	0.0009	P	6.7
4	☐	50.000	52.336	45522.45	0.0105	P	1.9
5	☐	125.000	126.135	114182.81	0.0252	P	0.6
6	☐	250.000	253.436	226844.74	0.0507	P	0.6
7	☐	500.000	500.784	450605.61	0.1001	P	0.5
8	☐	1000.000	998.494	852501.16	0.1995	P	0.3
9	☐			661.16	0.0001	P	9.9

$$y = 1.9978\text{E-}004 * x + 4.0262\text{E-}005$$

$$R = 1.0000$$

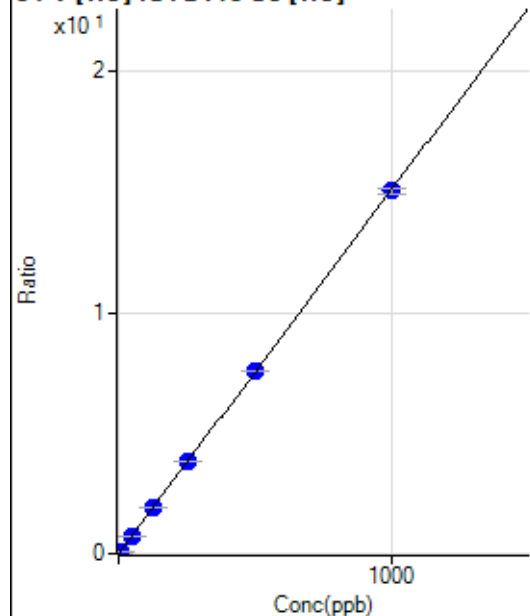
$$DL = 0.08567$$

$$BEC = 0.2015$$

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	7.78	0.0002	P	89.2
2	☐	0.500					
3	☐	5.000	4.745	2552.51	0.0718	P	10.7
4	☐	50.000	49.852	28661.70	0.7528	P	1.1
5	☐	125.000	126.195	70858.20	1.9054	P	0.8
6	☐	250.000	253.433	138540.09	3.8264	P	1.3
7	☐	500.000	503.643	262338.46	7.6038	P	0.3
8	☐	1000.000	997.179	506961.82	15.0549	P	1.6
9	☐			105.56	0.0030	P	21.1

$$y = 0.0151 * x + 2.0724\text{E-}004$$

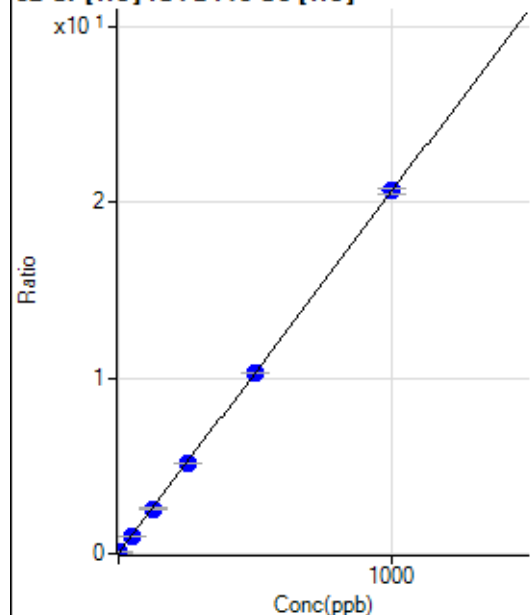
$$R = 1.0000$$

$$DL = 0.03672$$

$$BEC = 0.01373$$

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	625.58	0.0166	P	4.2
2	☐	0.200					
3	☐	2.000	2.123	2145.76	0.0604	P	12.5
4	☐	50.000	48.911	39016.64	1.0249	P	0.9
5	☐	125.000	123.797	95519.77	2.5685	P	0.7
6	☐	250.000	248.748	186251.02	5.1443	P	1.5
7	☐	500.000	497.685	354526.58	10.2758	P	0.1
8	☐	1000.000	1001.675	695881.99	20.6649	P	1.4
9	☐			9654.58	0.2761	P	1.0

$$y = 0.0206 * x + 0.0166$$

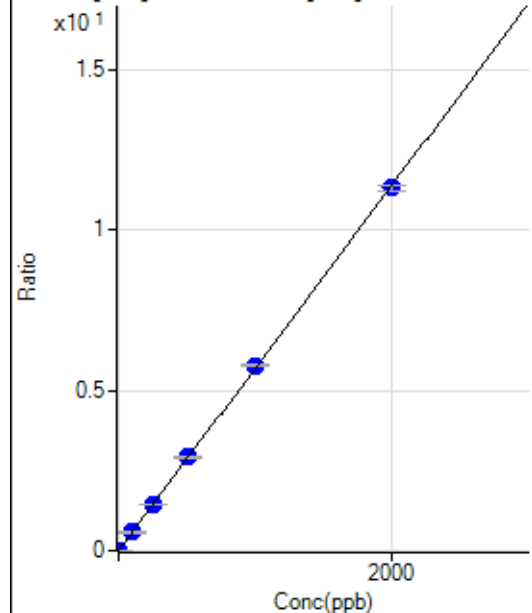
$$R = 1.0000$$

$$DL = 0.1015$$

$$BEC = 0.8069$$

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	15.56	0.0004	P	54.1
2	☐	0.100					
3	☐	1.000	1.148	244.45	0.0069	P	24.0
4	☐	100.000	100.222	21690.44	0.5698	P	1.8
5	☐	250.000	254.923	53872.51	1.4486	P	0.8
6	☐	500.000	513.146	105562.76	2.9156	P	1.4
7	☐	1000.000	1014.297	198815.34	5.7627	P	0.7
8	☐	2000.000	1988.939	380515.28	11.2997	P	1.4
9	☐			1164.51	0.0332	P	8.5

$$y = 0.0057 * x + 4.1412E-004$$

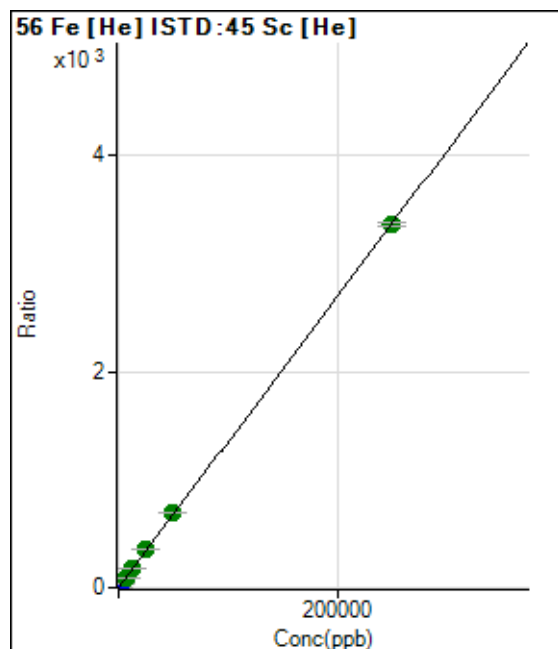
$$R = 0.9999$$

$$DL = 0.1182$$

$$BEC = 0.07289$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1231.57	0.0327	P	8.7
2	☐	5.000					
3	☐	50.000	49.732	24982.13	0.7026	P	10.3
4	☐	2500.000	2590.465	1329645.86	34.9263	P	0.7
5	☐	6250.000	6582.123	3298290.73	88.6940	A	1.2
6	☐	12500.000	13046.859	6364005.18	175.7740	A	1.5
7	☐	25000.000	26092.821	12127079.32	351.5033	A	0.8
8	☐	50000.000	51627.933	23419209.55	695.4614	A	1.5
9	☐	250000.00	249528.58	117504929.4	3,361.184	A	1.2

$$y = 0.0135 * x + 0.0327$$

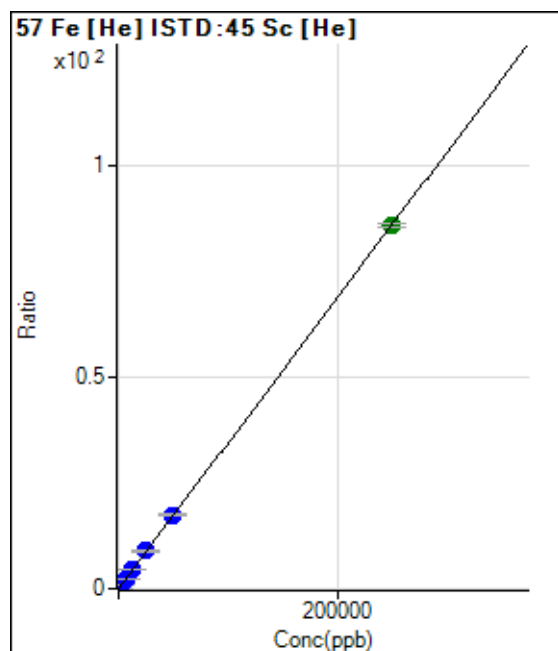
R = 1.0000

DL = 0.632

BEC = 2.43

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.15	0.0013	P	46.6
2	☐	5.000					
3	☐	50.000	47.143	622.26	0.0175	P	10.9
4	☐	2500.000	2535.789	33180.69	0.8716	P	1.9
5	☐	6250.000	6440.034	82241.41	2.2115	P	0.6
6	☐	12500.000	12859.229	159840.64	4.4145	P	0.5
7	☐	25000.000	25808.163	305616.93	8.8586	P	1.0
8	☐	50000.000	50852.038	587733.82	17.4536	P	1.7
9	☐	250000.00	249725.70	2996557.85	85.7066	A	1.2

$$y = 3.4320\text{E-}004 * x + 0.0013$$

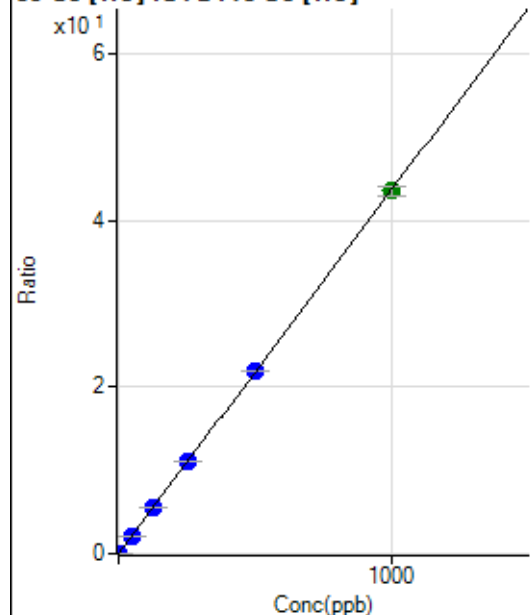
R = 1.0000

DL = 5.21

BEC = 3.729

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.22	0.0014	P	22.6
2	☐	0.100					
3	☐	1.000	0.986	1573.45	0.0444	P	14.9
4	☐	50.000	49.744	82657.56	2.1712	P	1.0
5	☐	125.000	126.368	205042.39	5.5136	P	0.5
6	☐	250.000	252.920	399496.51	11.0339	P	1.2
7	☐	500.000	502.707	756578.23	21.9296	P	0.8
8	☐	1000.000	997.758	1465637.93	43.5240	A	2.3
9	☐			1762.37	0.0504	P	1.2

$$y = 0.0436 * x + 0.0014$$

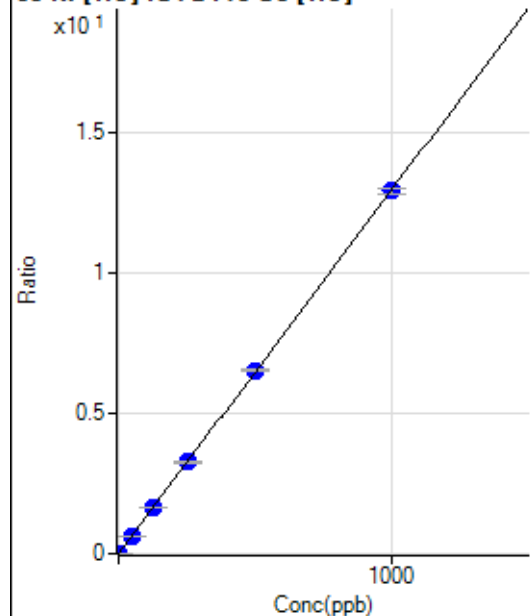
$$R = 1.0000$$

$$DL = 0.02156$$

$$BEC = 0.03183$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	76.67	0.0020	P	9.0
2	☐	0.100					
3	☐	1.000	0.964	514.46	0.0145	P	14.8
4	☐	50.000	49.780	24596.35	0.6460	P	0.6
5	☐	125.000	125.697	60547.68	1.6281	P	0.7
6	☐	250.000	251.498	117875.91	3.2556	P	1.0
7	☐	500.000	503.057	224593.21	6.5100	P	1.0
8	☐	1000.000	998.021	434847.30	12.9132	P	1.4
9	☐			4666.41	0.1334	P	1.8

$$y = 0.0129 * x + 0.0020$$

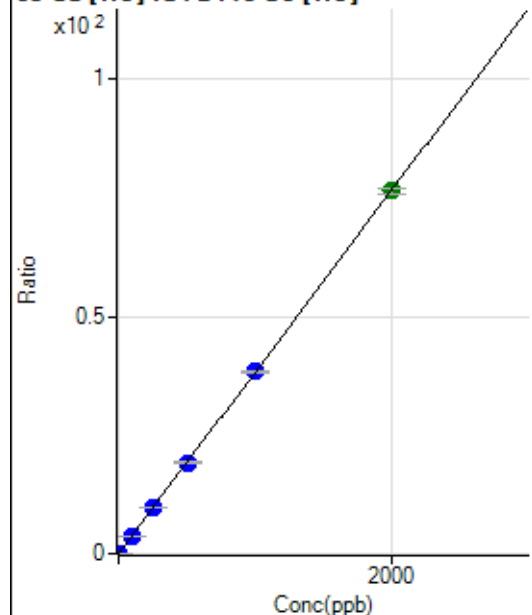
$$R = 1.0000$$

$$DL = 0.04255$$

$$BEC = 0.1576$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0031	P	17.8
2	☐	0.200					
3	☐	2.000	1.921	2722.53	0.0767	P	11.6
4	☐	100.000	99.513	145204.39	3.8144	P	1.9
5	☐	250.000	250.875	357433.73	9.6114	P	0.6
6	☐	500.000	502.628	697089.86	19.2534	P	1.2
7	☐	1000.000	1002.611	1324858.57	38.4023	P	1.2
8	☐	2000.000	1997.952	2576854.37	76.5231	A	1.7
9	☐			3877.27	0.1110	P	5.8

$$y = 0.0383 * x + 0.0031$$

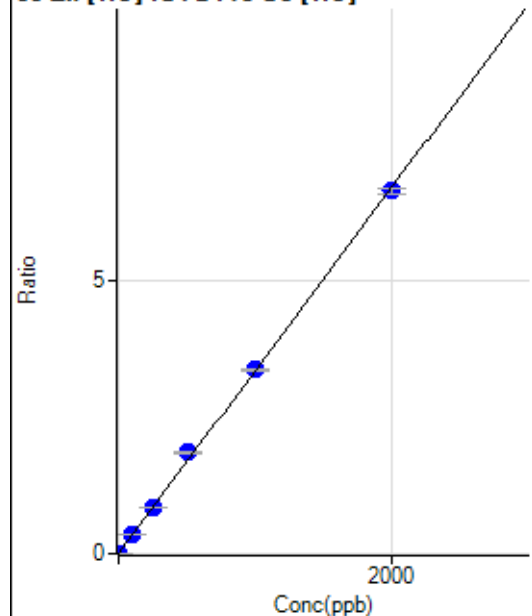
$$R = 1.0000$$

$$DL = 0.04316$$

$$BEC = 0.08103$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	131.11	0.0035	P	7.8
2	☐	0.200					
3	☐	2.000	2.497	421.13	0.0119	P	13.6
4	☐	100.000	100.010	12916.18	0.3393	P	1.1
5	☐	250.000	253.277	31754.31	0.8539	P	1.2
6	☐	500.000	552.541	67297.91	1.8587	P	0.9
7	☐	1000.000	1007.188	116786.11	3.3852	P	1.2
8	☐	2000.000	1982.860	224309.78	6.6610	P	1.3
9	☐			784.48	0.0224	P	8.5

$$y = 0.0034 * x + 0.0035$$

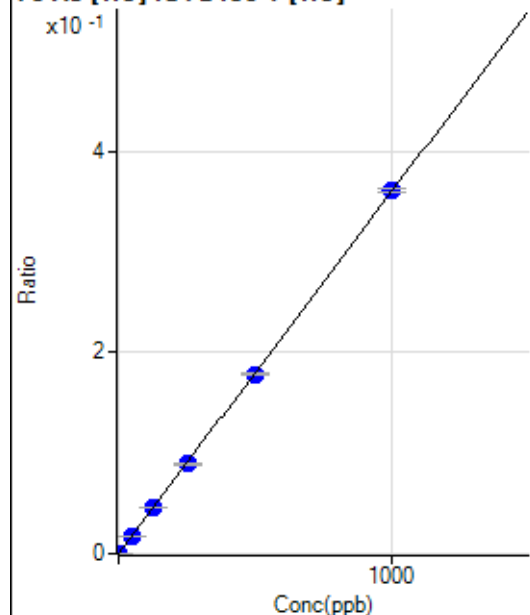
$$R = 0.9996$$

$$DL = 0.242$$

$$BEC = 1.038$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.47	0.0000	P	114.
2	☐	0.100					
3	☐	1.000	1.031	98.15	0.0004	P	9.6
4	☐	50.000	49.878	4791.62	0.0180	P	1.0
5	☐	125.000	125.361	11820.57	0.0451	P	0.4
6	☐	250.000	247.250	22716.90	0.0890	P	1.1
7	☐	500.000	495.211	42786.41	0.1782	P	1.1
8	☐	1000.000	1003.043	83107.66	0.3609	P	1.0
9	☐			32.72	0.0001	P	8.7

$$y = 3.5983\text{E-}004 * x + 9.1129\text{E-}006$$

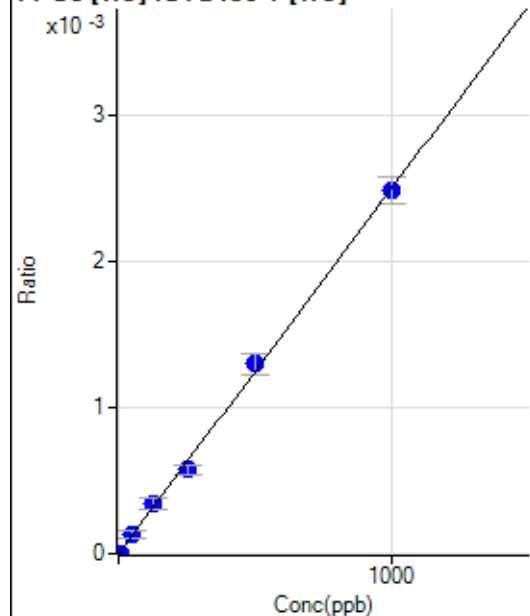
$$R = 1.0000$$

$$DL = 0.08692$$

$$BEC = 0.02533$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	0.000	0.00	0.0000	P	
4	☐	50.000	53.424	35.56	0.0001	P	33.1
5	☐	125.000	136.001	88.89	0.0003	P	20.9
6	☐	250.000	230.059	146.67	0.0006	P	11.9
7	☐	500.000	519.071	311.12	0.0013	P	11.5
8	☐	1000.000	993.928	571.13	0.0025	P	7.3
9	☐			0.00	0.0000	P	

$$y = 2.4955\text{E-}006 * x + 0.0000\text{E+}000$$

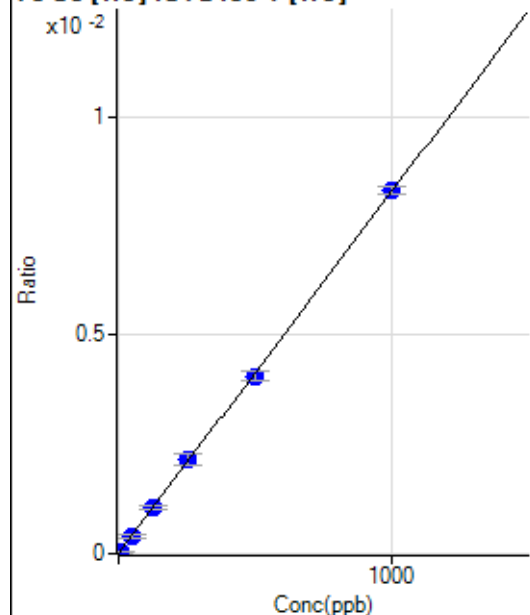
$$R = 0.9994$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.85	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.150	12.96	0.0000	P	46.7
4	☐	50.000	46.161	103.70	0.0004	P	15.7
5	☐	125.000	125.386	273.46	0.0010	P	8.8
6	☐	250.000	260.088	551.25	0.0022	P	12.4
7	☐	500.000	490.336	975.36	0.0041	P	5.4
8	☐	1000.000	1002.453	1910.65	0.0083	P	2.2
9	☐			0.62	0.0000	P	173.

$$y = 8.2700\text{E-}006 * x + 6.8270\text{E-}006$$

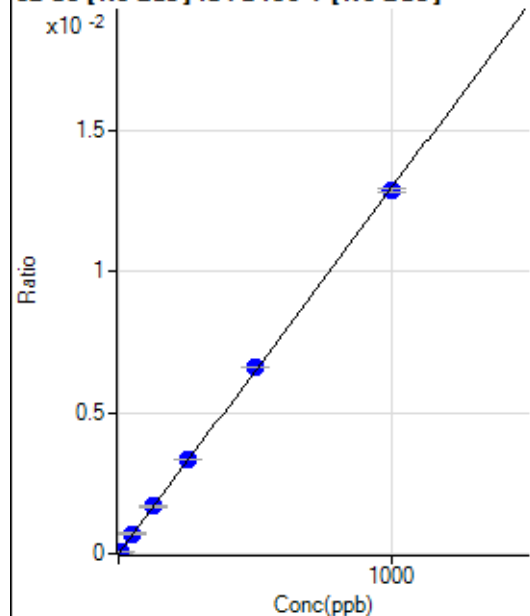
$$R = 0.9999$$

$$DL = 4.289$$

$$BEC = 0.8255$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-61.61	0.0000	P	-16.
2	☐	0.500					
3	☐	5.000	5.518	519.69	0.0001	P	4.6
4	☐	50.000	53.808	5392.14	0.0007	P	5.4
5	☐	125.000	129.936	13549.68	0.0017	P	2.0
6	☐	250.000	257.286	26970.08	0.0033	P	0.5
7	☐	500.000	509.828	53275.77	0.0066	P	0.7
8	☐	1000.000	992.455	101010.87	0.0129	P	0.9
9	☐			50.62	0.0000	P	12.6

$$y = 1.2983\text{E-}005 * x - 7.6482\text{E-}006$$

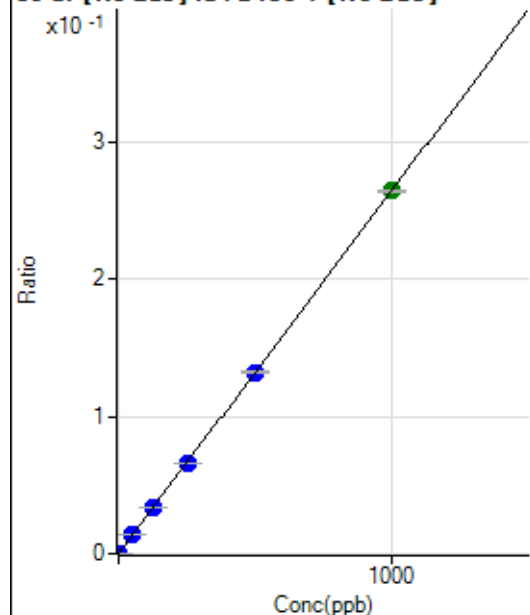
$$R = 0.9999$$

$$DL = 0.2882$$

$$BEC = -0.5891$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	552.81	0.0001	P	4.8
2	☐	0.100					
3	☐	1.000	0.947	2592.04	0.0003	P	3.4
4	☐	50.000	52.141	108209.57	0.0139	P	3.6
5	☐	125.000	125.742	268885.91	0.0333	P	0.4
6	☐	250.000	250.365	536418.42	0.0663	P	0.0
7	☐	500.000	499.308	1064662.97	0.1321	P	0.8
8	☐	1000.000	1000.055	2075317.08	0.2646	A	0.5
9	☐			78151.67	0.0095	P	1.4

$$y = 2.6447\text{E-}004 * x + 6.8607\text{E-}005$$

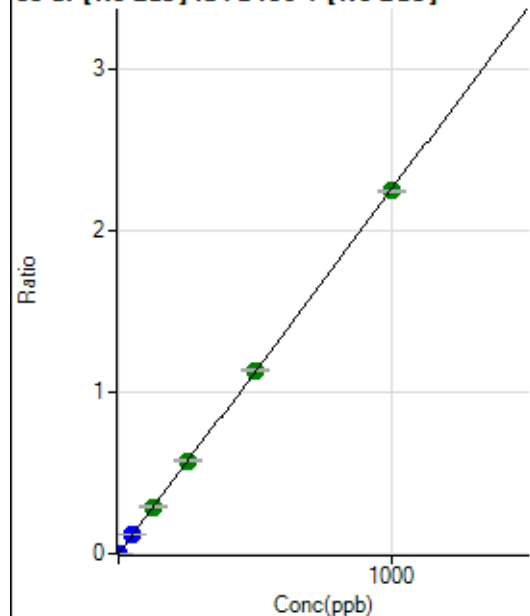
$$R = 1.0000$$

$$DL = 0.03714$$

$$BEC = 0.2594$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	261.13	0.0000	P	2.1
2	☐	0.100					
3	☐	1.000	0.915	17039.05	0.0021	P	0.6
4	☐	50.000	52.804	931093.73	0.1192	P	3.6
5	☐	125.000	129.050	2351190.61	0.2914	A	1.1
6	☐	250.000	255.516	4668872.41	0.5769	A	0.5
7	☐	500.000	503.743	9164916.79	1.1373	A	0.4
8	☐	1000.000	996.103	17642462.37	2.2489	A	0.2
9	☐			675072.03	0.0819	P	1.3

$$y = 0.0023 * x + 3.2409\text{E-}005$$

$$R = 1.0000$$

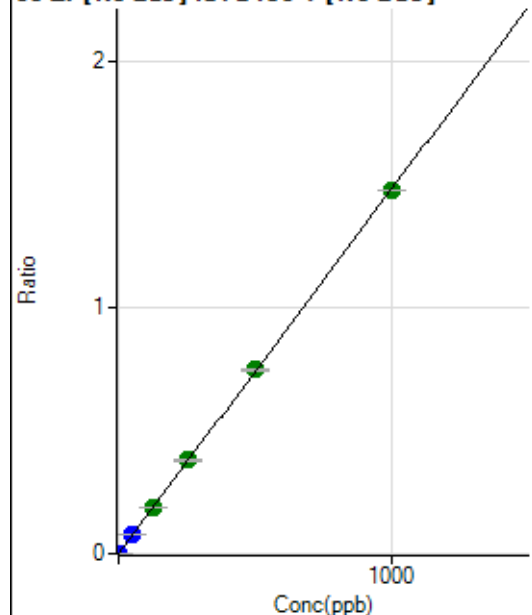
$$DL = 0.0009076$$

$$BEC = 0.01435$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	469.47	0.0001	P	5.6
2	☐	0.100					
3	☐	1.000	0.885	11135.54	0.0014	P	0.7
4	☐	50.000	51.621	598289.96	0.0766	P	4.2
5	☐	125.000	128.013	1532819.25	0.1900	A	1.3
6	☐	250.000	256.257	3077044.25	0.3802	A	0.3
7	☐	500.000	505.094	6038556.86	0.7494	A	0.8
8	☐	1000.000	995.431	11585236.63	1.4768	A	0.2
9	☐			1558.50	0.0002	P	5.9

$$y = 0.0015 * x + 5.8263E-005$$

$$R = 1.0000$$

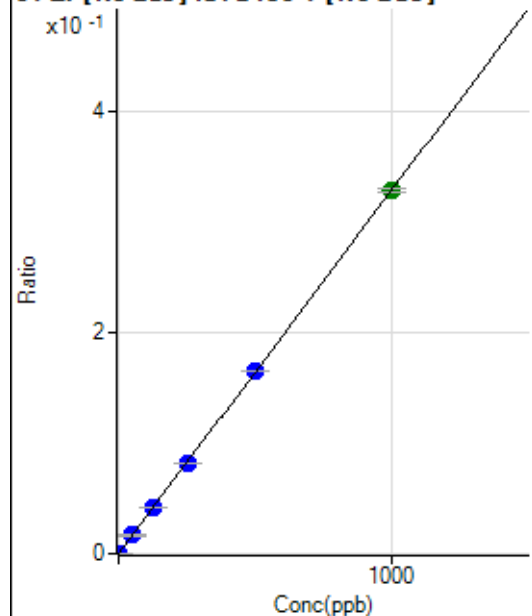
$$DL = 0.006586$$

$$BEC = 0.03927$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	64.5
2	☐	0.100					
3	☐	1.000	0.918	2533.70	0.0003	P	4.8
4	☐	50.000	51.344	131962.07	0.0169	P	5.8
5	☐	125.000	125.025	332156.71	0.0412	P	0.6
6	☐	250.000	249.123	663736.40	0.0820	P	0.3
7	☐	500.000	502.767	1333716.35	0.1655	P	0.6
8	☐	1000.000	998.765	2579129.98	0.3288	A	1.0
9	☐			405.58	0.0000	P	8.2

$$y = 3.2918E-004 * x + 9.6554E-006$$

$$R = 1.0000$$

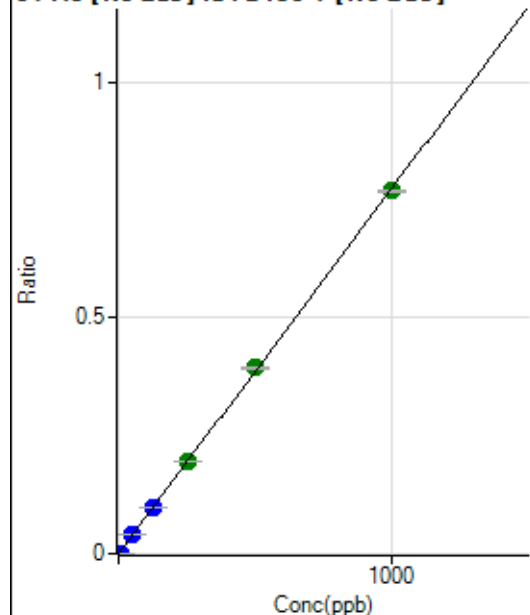
$$DL = 0.05678$$

$$BEC = 0.02933$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.79	0.0000	P	24.3
2	☐	0.500					
3	☐	5.000	1.942	12381.22	0.0015	P	3.5
4	☐	50.000	51.438	310876.97	0.0398	P	3.7
5	☐	125.000	125.649	784520.47	0.0972	P	0.7
6	☐	250.000	252.375	1580271.17	0.1953	A	0.3
7	☐	500.000	509.038	3173584.82	0.3938	A	0.3
8	☐	1000.000	994.750	6037138.72	0.7696	A	0.6
9	☐			5156.79	0.0006	P	8.2

$$y = 7.7364\text{E-}004 * x + 2.2074\text{E-}005$$

$$R = 0.9999$$

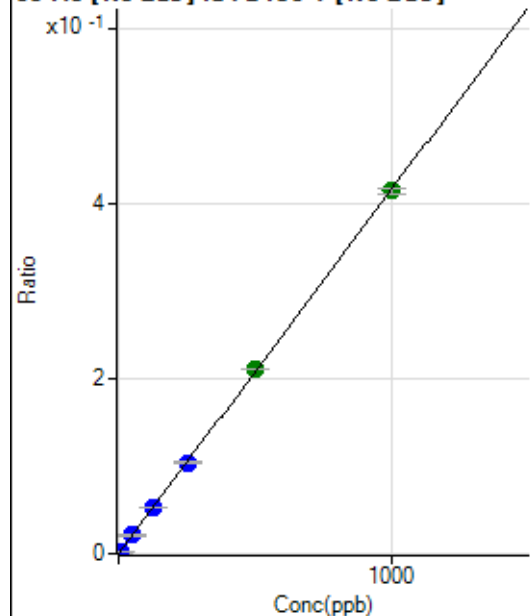
$$DL = 0.02083$$

$$BEC = 0.02853$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	35.1
2	☐	0.500					
3	☐	5.000	4.336	14716.94	0.0018	P	0.9
4	☐	50.000	51.360	167142.05	0.0214	P	4.7
5	☐	125.000	125.704	422821.68	0.0524	P	0.6
6	☐	250.000	250.767	845955.19	0.1045	P	0.1
7	☐	500.000	506.887	1702619.44	0.2113	A	0.4
8	☐	1000.000	996.212	3257340.11	0.4153	A	1.4
9	☐			7913.74	0.0010	P	4.2

$$y = 4.1683\text{E-}004 * x + 4.4808\text{E-}006$$

$$R = 1.0000$$

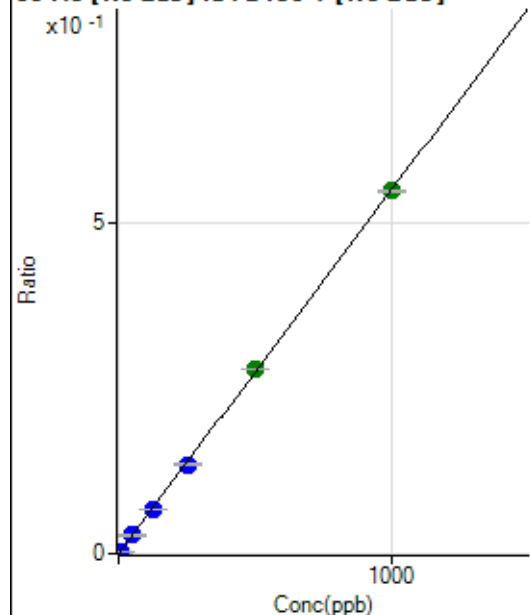
$$DL = 0.01133$$

$$BEC = 0.01075$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	70.2
2	☐	0.500					
3	☐	5.000	3.732	16694.25	0.0021	P	0.9
4	☐	50.000	50.597	216645.64	0.0278	P	4.9
5	☐	125.000	123.326	545779.51	0.0676	P	0.4
6	☐	250.000	245.434	1089332.61	0.1346	P	0.4
7	☐	500.000	507.493	2242718.45	0.2783	A	0.9
8	☐	1000.000	997.581	4291588.20	0.5471	A	0.8
9	☐			10913.15	0.0013	P	4.5

$$y = 5.4840\text{E-}004 * x + 8.6160\text{E-}006$$

$$R = 0.9999$$

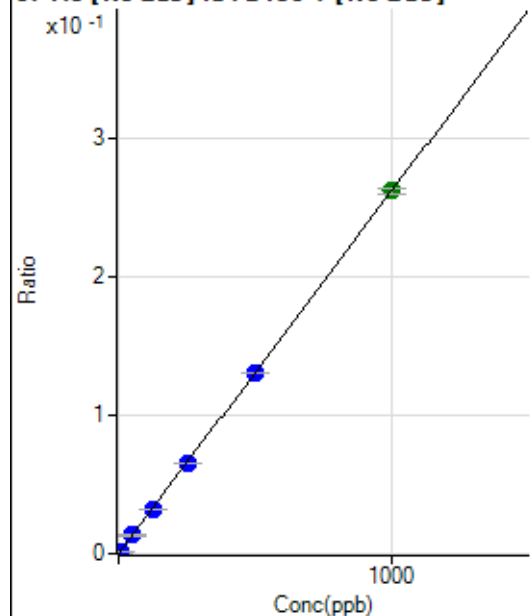
$$DL = 0.03309$$

$$BEC = 0.01571$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	30.2
2	☐	0.500					
3	☐	5.000	4.321	9273.00	0.0011	P	3.0
4	☐	50.000	51.369	105002.45	0.0135	P	5.0
5	☐	125.000	123.677	261226.18	0.0324	P	0.6
6	☐	250.000	248.319	525960.80	0.0650	P	0.2
7	☐	500.000	499.210	1052756.16	0.1306	P	0.4
8	☐	1000.000	1000.915	2054664.15	0.2619	A	1.3
9	☐			4890.00	0.0006	P	0.1

$$y = 2.6168\text{E-}004 * x + 1.1034\text{E-}005$$

$$R = 1.0000$$

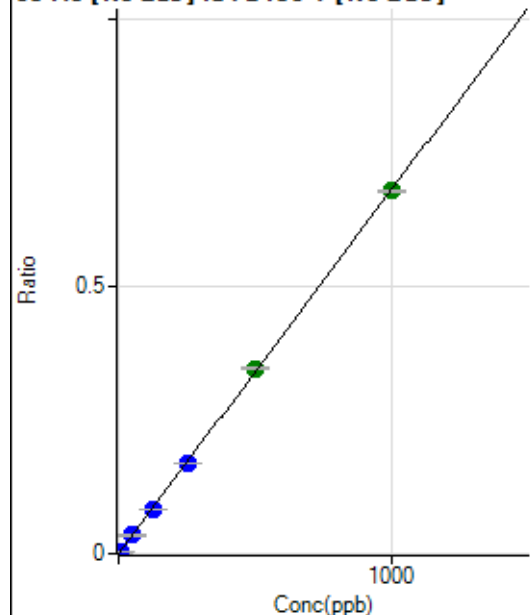
$$DL = 0.03817$$

$$BEC = 0.04217$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	51.5
2	☐	0.500					
3	☐	5.000	4.381	24300.33	0.0030	P	3.0
4	☐	50.000	50.635	269282.06	0.0345	P	4.8
5	☐	125.000	123.368	678123.52	0.0840	P	0.2
6	☐	250.000	246.471	1358764.46	0.1679	P	0.3
7	☐	500.000	508.586	2791696.96	0.3464	A	1.1
8	☐	1000.000	996.765	5326177.68	0.6790	A	0.7
9	☐			12795.47	0.0016	P	3.3

$$y = 6.8117\text{E-}004 * x + 7.5779\text{E-}006$$

$$R = 0.9999$$

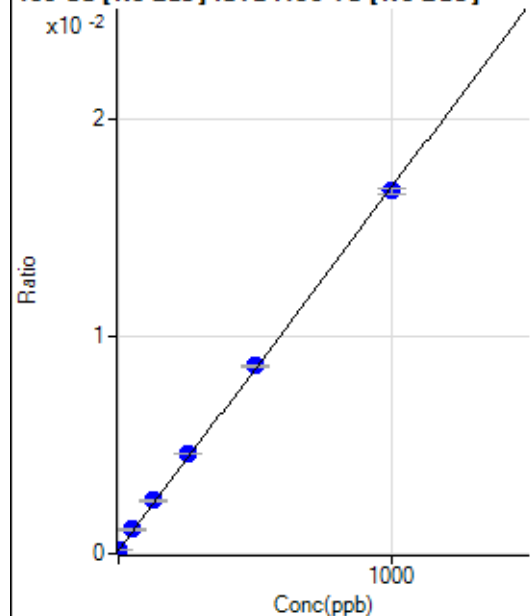
$$DL = 0.01719$$

$$BEC = 0.01112$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1483.48	0.0002	P	6.8
2	☐	0.100					
3	☐	1.000	0.455	1586.28	0.0002	P	6.8
4	☐	50.000	57.344	10451.72	0.0011	P	3.0
5	☐	125.000	136.401	23972.21	0.0024	P	0.3
6	☐	250.000	265.466	45734.35	0.0046	P	0.3
7	☐	500.000	508.099	89546.56	0.0086	P	1.5
8	☐	1000.000	990.293	169770.02	0.0167	P	1.8
9	☐			1575.18	0.0001	P	4.5

$$y = 1.6697\text{E-}005 * x + 1.5582\text{E-}004$$

$$R = 0.9998$$

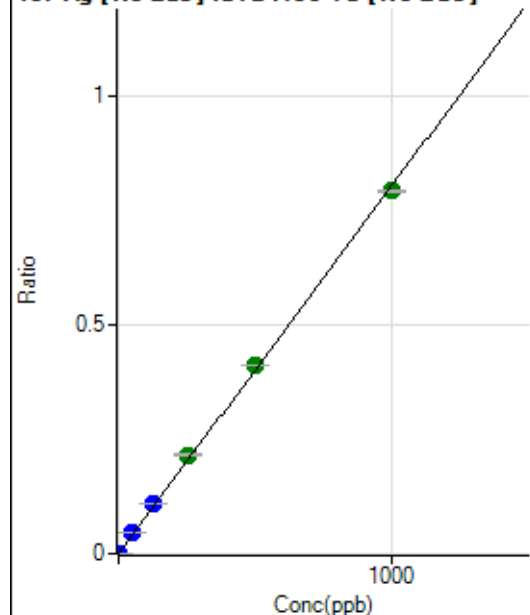
$$DL = 1.913$$

$$BEC = 9.332$$

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	55.56	0.0000	P	22.6
2	☐	0.100					
3	☐	1.000	0.955	7502.44	0.0008	P	4.4
4	☐	50.000	56.027	422508.04	0.0450	P	2.0
5	☐	125.000	134.385	1063207.68	0.1079	P	0.2
6	☐	250.000	269.262	2155382.73	0.2162	A	0.6
7	☐	500.000	512.920	4269296.06	0.4119	A	0.7
8	☐	1000.000	987.250	8062722.32	0.7928	A	0.3
9	☐			908.41	0.0001	P	10.2

$$y = 8.0302\text{E-}004 * x + 5.8366\text{E-}006$$

$$R = 0.9997$$

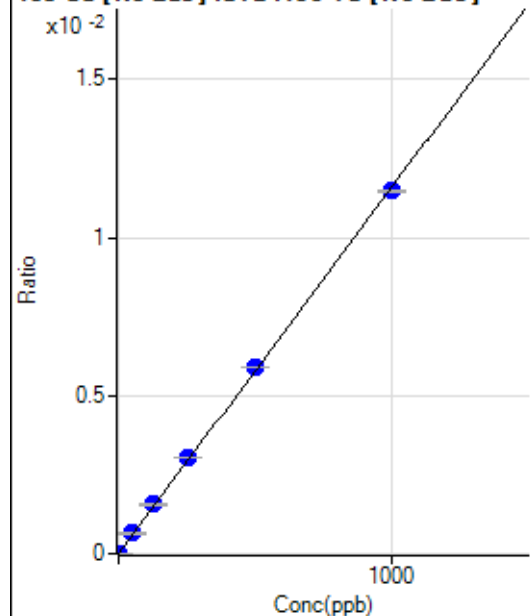
$$DL = 0.004938$$

$$BEC = 0.007268$$

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	9.72	0.0000	P	107.
2	☐	0.100					
3	☐	1.000	1.223	147.23	0.0000	P	1.7
4	☐	50.000	55.753	6069.57	0.0006	P	3.9
5	☐	125.000	134.393	15335.40	0.0016	P	2.4
6	☐	250.000	263.378	30397.08	0.0030	P	0.6
7	☐	500.000	507.994	60955.39	0.0059	P	0.4
8	☐	1000.000	991.197	116681.66	0.0115	P	0.5
9	☐			23.61	0.0000	P	27.2

$$y = 1.1574\text{E-}005 * x + 1.0179\text{E-}006$$

$$R = 0.9998$$

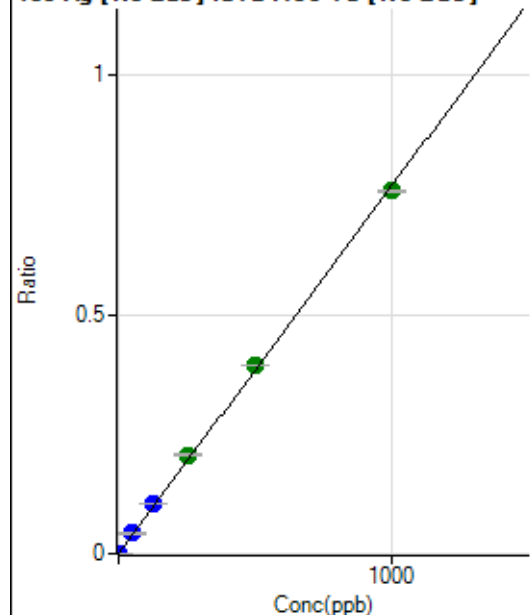
$$DL = 0.2828$$

$$BEC = 0.08795$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	40.9
2	☐	0.100					
3	☐	1.000	0.981	7355.12	0.0008	P	3.4
4	☐	50.000	55.543	400975.61	0.0427	P	2.9
5	☐	125.000	134.254	1017038.55	0.1032	P	0.2
6	☐	250.000	267.973	2053783.90	0.2061	A	1.3
7	☐	500.000	513.502	4092639.55	0.3948	A	0.5
8	☐	1000.000	987.322	7720486.46	0.7592	A	0.3
9	☐			819.51	0.0001	P	4.6

$$y = 7.6891\text{E-}004 * x + 3.2028\text{E-}006$$

$$R = 0.9997$$

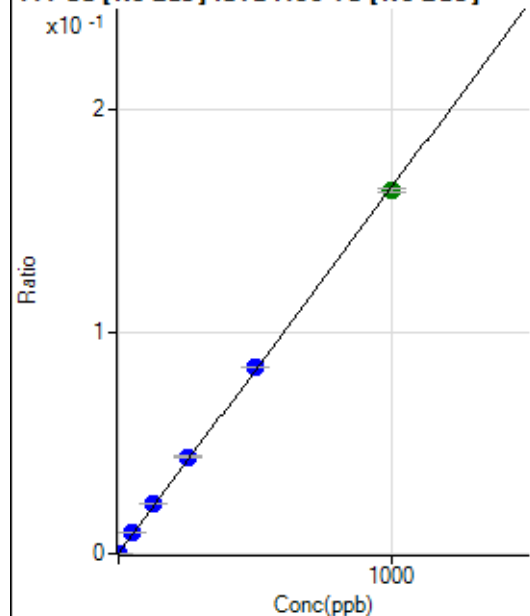
$$DL = 0.005116$$

$$BEC = 0.004165$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1041.36	0.0001	P	6.3
2	☐	0.100					
3	☐	1.000	0.951	2585.25	0.0003	P	3.0
4	☐	50.000	55.912	87656.15	0.0093	P	2.3
5	☐	125.000	133.845	218671.18	0.0222	P	0.3
6	☐	250.000	264.251	435737.13	0.0437	P	0.7
7	☐	500.000	509.320	872290.35	0.0842	P	0.5
8	☐	1000.000	990.376	1663296.42	0.1635	A	1.1
9	☐			1287.49	0.0001	P	6.9

$$y = 1.6502\text{E-}004 * x + 1.0938\text{E-}004$$

$$R = 0.9998$$

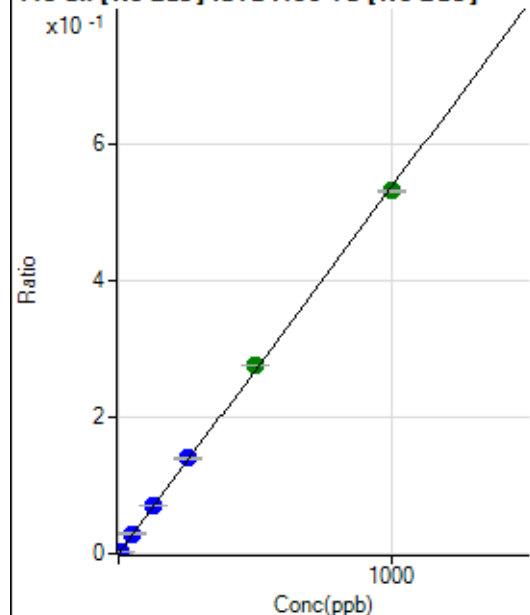
$$DL = 0.1246$$

$$BEC = 0.6629$$

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	744.50	0.0001	P	9.3
2	☐	0.500					
3	☐	5.000	4.690	25224.73	0.0026	P	2.2
4	☐	50.000	54.529	275802.39	0.0294	P	4.1
5	☐	125.000	131.430	696657.50	0.0707	P	0.6
6	☐	250.000	260.429	1395892.06	0.1400	P	0.9
7	☐	500.000	513.692	2862416.36	0.2762	A	0.7
8	☐	1000.000	989.518	5409234.84	0.5319	A	0.5
9	☐			5529.19	0.0005	P	3.5

$$y = 5.3744\text{E-}004 * x + 7.8187\text{E-}005$$

$$R = 0.9998$$

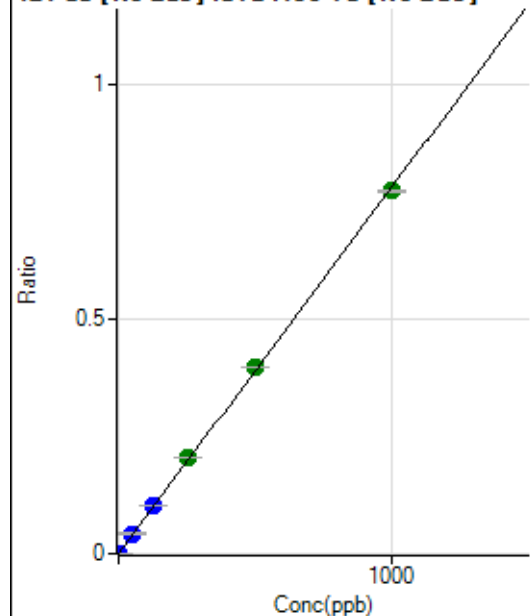
$$DL = 0.04062$$

$$BEC = 0.1455$$

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	13.89	0.0000	P	34.1
2	☐	0.200					
3	☐	2.000	1.923	14575.30	0.0015	P	3.2
4	☐	50.000	54.734	400861.73	0.0427	P	2.3
5	☐	125.000	131.495	1010468.74	0.1026	P	0.5
6	☐	250.000	263.391	2047742.06	0.2054	A	1.3
7	☐	500.000	509.126	4116293.58	0.3971	A	0.6
8	☐	1000.000	991.041	7861509.72	0.7730	A	0.5
9	☐			9898.58	0.0009	P	6.1

$$y = 7.7999\text{E-}004 * x + 1.4568\text{E-}006$$

$$R = 0.9998$$

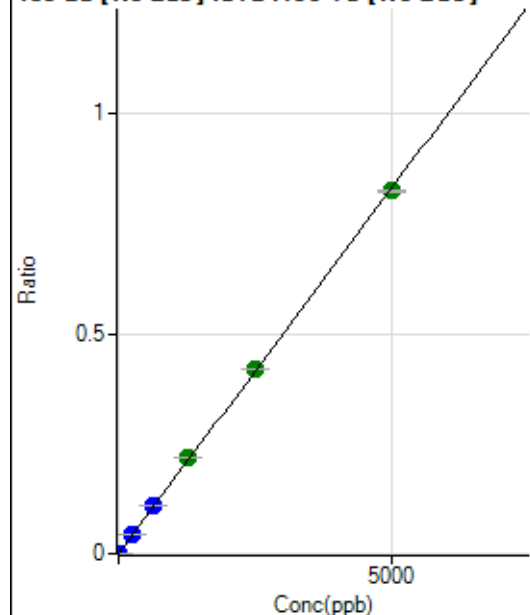
$$DL = 0.001908$$

$$BEC = 0.001868$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.4
2	☐	1.000					
3	☐	10.000	9.098	14694.93	0.0015	P	1.8
4	☐	250.000	269.672	420653.12	0.0448	P	3.5
5	☐	625.000	649.756	1063659.65	0.1080	P	0.7
6	☐	1250.000	1320.688	2187392.89	0.2194	A	0.6
7	☐	2500.000	2524.927	4348744.80	0.4195	A	0.6
8	☐	5000.000	4965.788	8391781.61	0.8251	A	0.5
9	☐			2230.86	0.0002	P	5.7

$$y = 1.6616E-004 * x + 2.3397E-006$$

$$R = 0.9999$$

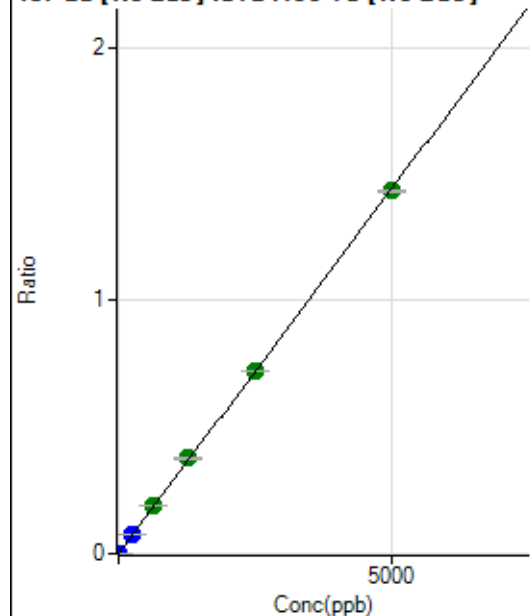
$$DL = 0.02425$$

$$BEC = 0.01408$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	32.0
2	☐	1.000					
3	☐	10.000	9.333	26162.90	0.0027	P	1.9
4	☐	250.000	271.738	735720.61	0.0784	P	3.1
5	☐	625.000	659.930	1874951.56	0.1903	A	1.3
6	☐	1250.000	1309.840	3765109.37	0.3777	A	1.3
7	☐	2500.000	2509.895	7502542.18	0.7238	A	0.5
8	☐	5000.000	4974.641	14590273.42	1.4346	A	0.5
9	☐			4253.66	0.0004	P	3.7

$$y = 2.8839E-004 * x + 4.0785E-006$$

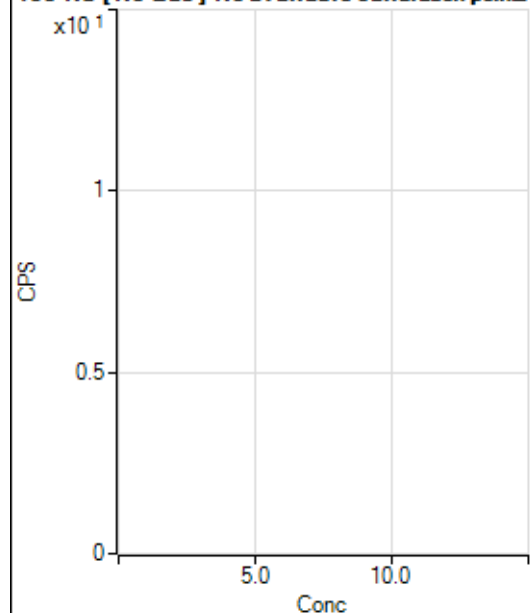
$$R = 0.9999$$

$$DL = 0.01356$$

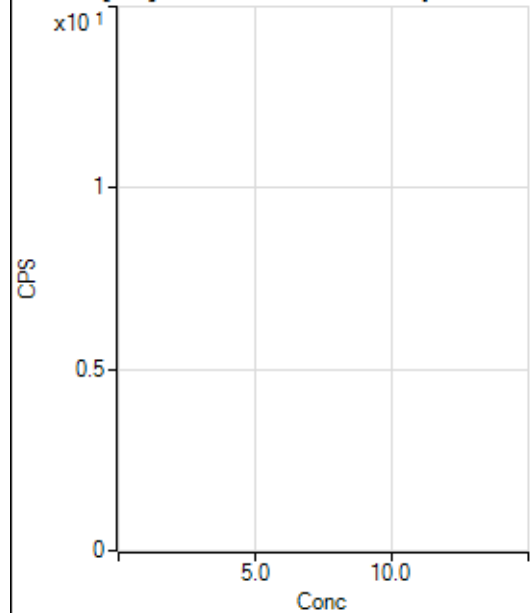
$$BEC = 0.01414$$

Weight: <None>

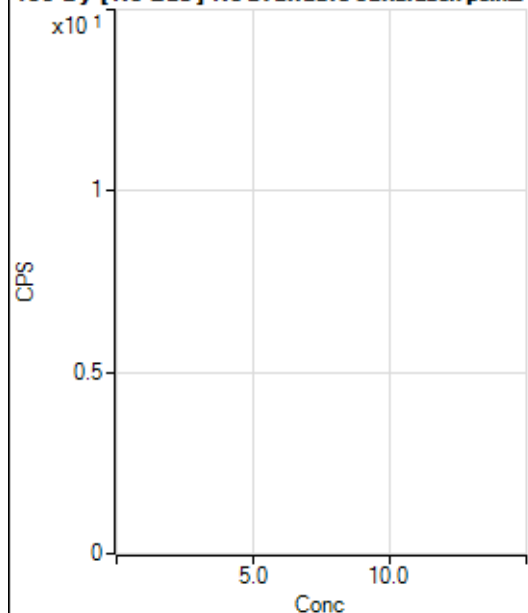
Min Conc: 0

150 Nd [No Gas] No available calibration points

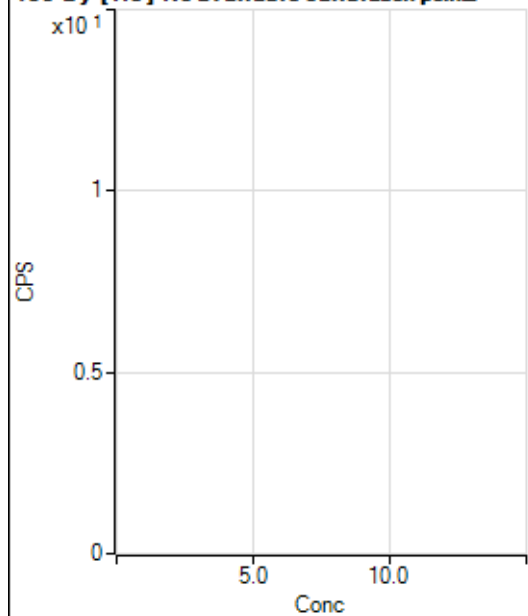
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			13.33		P	86.6
4	☐			44.45		P	37.7
5	☐			33.34		P	52.9
6	☐			88.89		P	17.3
7	☐			173.34		P	36.7
8	☐			300.02		P	17.4
9	☐			91.12		P	36.1

150 Nd [He] No available calibration points

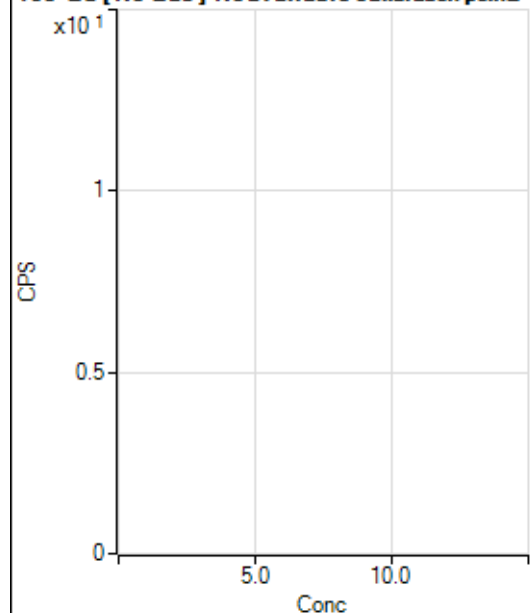
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			3.33		P	173.
7	☐			3.33		P	100.
8	☐			3.33		P	0.0
9	☐			14.44		P	13.4

156 Dy [No Gas] No available calibration points

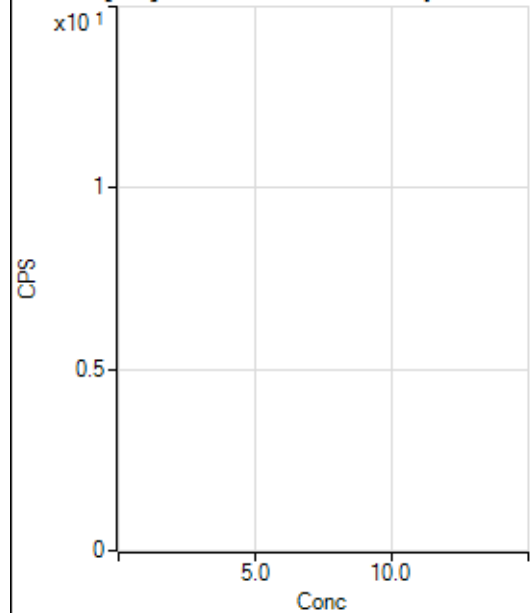
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐						
3	☐			13.89		P	34.7
4	☐			8.33		P	100.
5	☐			36.11		P	58.1
6	☐			33.33		P	25.0
7	☐			55.56		P	48.2
8	☐			130.56		P	22.4
9	☐			63.89		P	7.5

156 Dy [He] No available calibration points

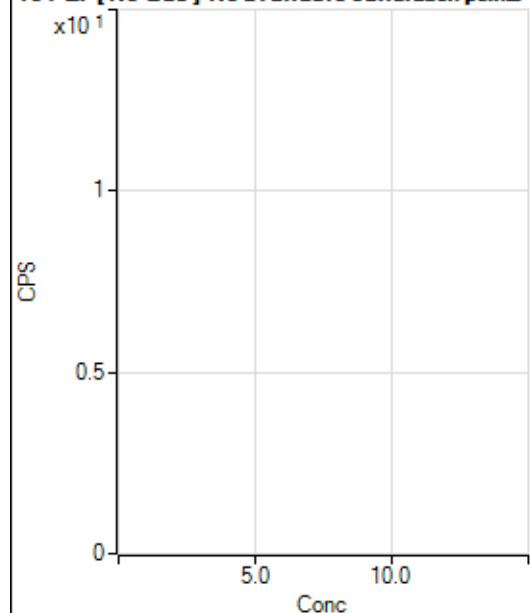
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐						
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			3.33		P	0.0
6	☐			5.56		P	34.7
7	☐			13.33		P	90.2
8	☐			25.55		P	15.1
9	☐			12.22		P	31.5

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

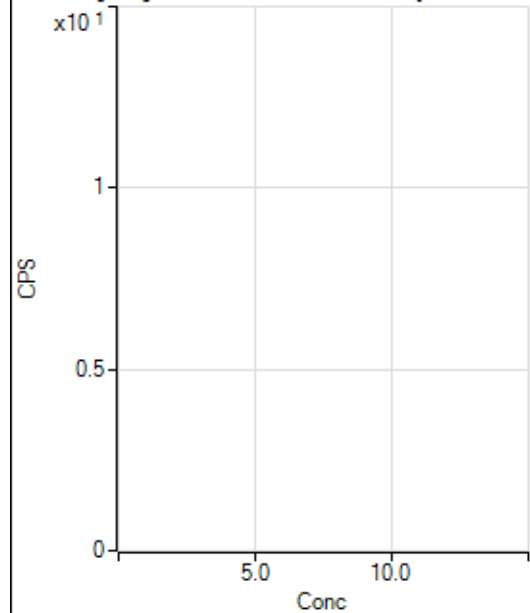
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	27.2
2	☐						
3	☐			50.00		P	60.1
4	☐			72.22		P	35.2
5	☐			75.00		P	11.1
6	☐			75.00		P	29.4
7	☐			91.67		P	32.8
8	☐			94.45		P	13.5
9	☐			80.56		P	33.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			7.78		P	49.5
4	☐			11.11		P	62.5
5	☐			6.67		P	86.6
6	☐			10.00		P	57.7
7	☐			17.78		P	47.2
8	☐			18.89		P	10.2
9	☐			23.33		P	37.8

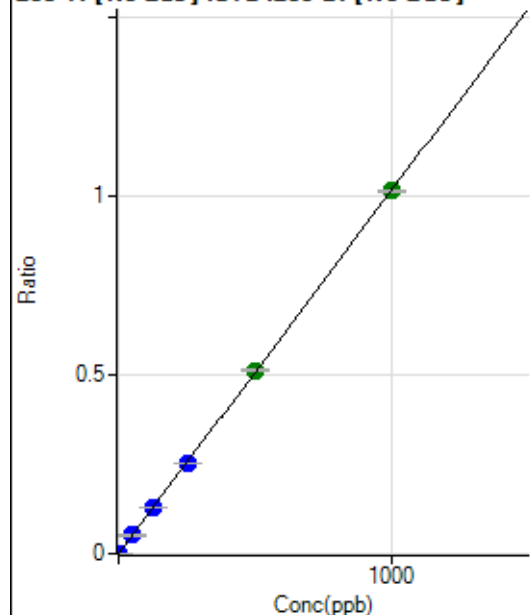
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	48.2
2	☐						
3	☐			55.56		P	8.7
4	☐			44.45		P	10.8
5	☐			36.11		P	26.7
6	☐			33.33		P	75.0
7	☐			47.22		P	44.4
8	☐			50.00		P	28.9
9	☐			58.34		P	14.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	45.8
2	☐						
3	☐			8.89		P	57.3
4	☐			6.67		P	50.0
5	☐			3.33		P	100.
6	☐			7.78		P	24.7
7	☐			5.56		P	34.7
8	☐			13.33		P	NaN
9	☐			6.67		P	100.

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	43.4
2	☐	0.100					
3	☐	1.000	0.915	5412.54	0.0009	P	5.0
4	☐	50.000	51.162	292987.85	0.0519	P	4.0
5	☐	125.000	125.355	746441.90	0.1271	P	0.8
6	☐	250.000	246.424	1526180.62	0.2499	P	0.2
7	☐	500.000	504.209	3245852.35	0.5113	A	1.1
8	☐	1000.000	998.687	6305642.41	1.0128	A	0.5
9	☐			2697.63	0.0004	P	4.7

$$y = 0.0010 * x + 7.7550E-006$$

$$R = 1.0000$$

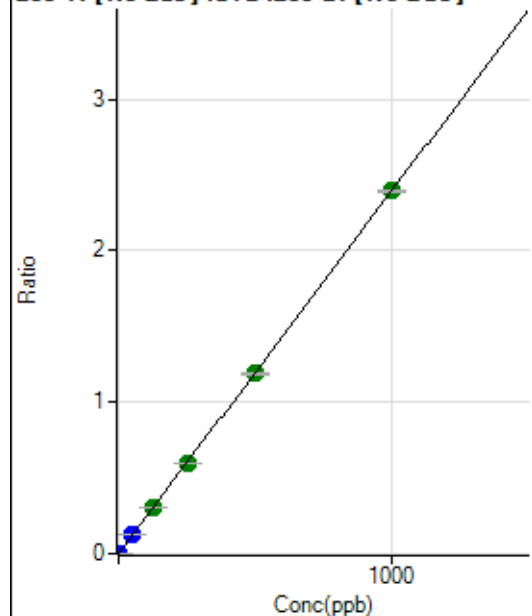
$$DL = 0.00996$$

$$BEC = 0.007647$$

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	119.45	0.0000	P	7.9
2	☐	0.100					
3	☐	1.000	0.925	12929.39	0.0022	P	2.3
4	☐	50.000	51.952	702189.69	0.1243	P	3.4
5	☐	125.000	128.598	1807085.96	0.3078	A	0.2
6	☐	250.000	251.068	3669432.81	0.6009	A	0.6
7	☐	500.000	496.362	7540281.50	1.1879	A	0.8
8	☐	1000.000	1001.005	14915015.44	2.3956	A	0.2
9	☐			6312.97	0.0010	P	3.0

$$y = 0.0024 * x + 2.0837E-005$$

$$R = 1.0000$$

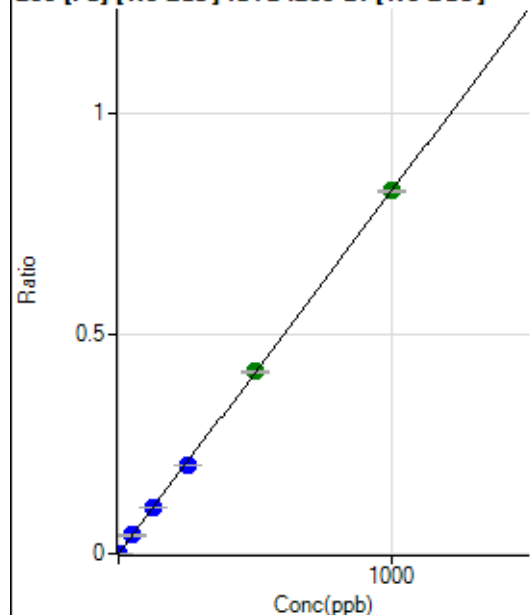
$$DL = 0.002071$$

$$BEC = 0.008707$$

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	335.20	0.0001	P	3.3
2	☐	0.100					
3	☐	1.000	0.934	4789.96	0.0008	P	4.5
4	☐	50.000	51.183	238534.79	0.0422	P	3.9
5	☐	125.000	125.174	606117.60	0.1032	P	0.3
6	☐	250.000	245.558	1236380.22	0.2025	P	0.2
7	☐	500.000	501.222	2622842.42	0.4132	A	1.0
8	☐	1000.000	1000.419	5133947.10	0.8246	A	0.5
9	☐			7776.68	0.0013	P	4.1

$$y = 8.2424\text{E-}004 * x + 5.8472\text{E-}005$$

$$R = 1.0000$$

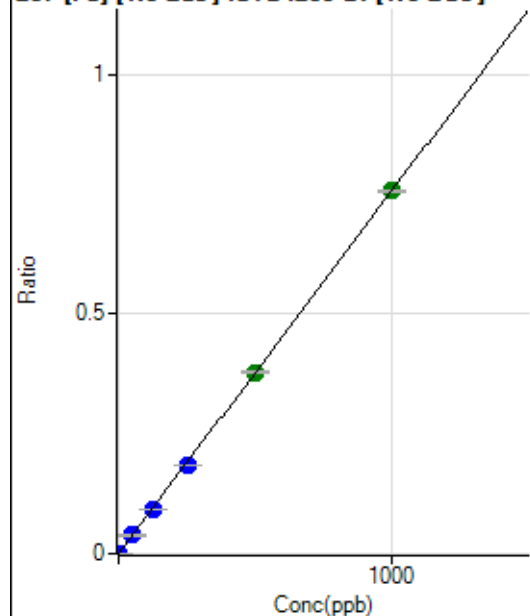
$$DL = 0.006969$$

$$BEC = 0.07094$$

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	320.39	0.0001	P	5.9
2	☐	0.100					
3	☐	1.000	0.910	4302.72	0.0007	P	2.4
4	☐	50.000	50.793	217084.03	0.0384	P	4.2
5	☐	125.000	123.444	548179.30	0.0934	P	0.1
6	☐	250.000	242.847	1121318.69	0.1836	P	0.4
7	☐	500.000	501.372	2405856.30	0.3790	A	1.4
8	☐	1000.000	1001.257	4712250.45	0.7569	A	0.4
9	☐			6427.75	0.0010	P	2.3

$$y = 7.5588\text{E-}004 * x + 5.5886\text{E-}005$$

$$R = 1.0000$$

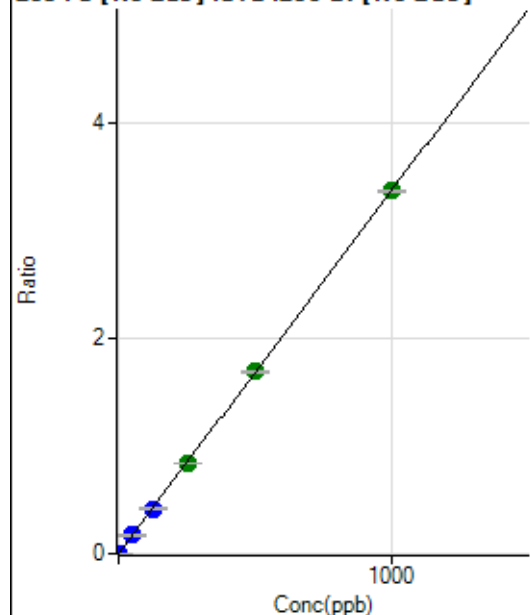
$$DL = 0.01312$$

$$BEC = 0.07394$$

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	1318.59	0.0002	P	4.1
2	☐	0.100					
3	☐	1.000	0.916	19172.95	0.0033	P	3.2
4	☐	50.000	51.073	972656.68	0.1723	P	3.8
5	☐	125.000	124.374	2461123.24	0.4192	P	0.3
6	☐	250.000	248.306	5109069.20	0.8366	A	0.4
7	☐	500.000	501.572	10726102.15	1.6897	A	0.5
8	☐	1000.000	999.662	20965053.71	3.3675	A	0.5
9	☐			29996.15	0.0049	P	2.3

$$y = 0.0034 * x + 2.3002E-004$$

$$R = 1.0000$$

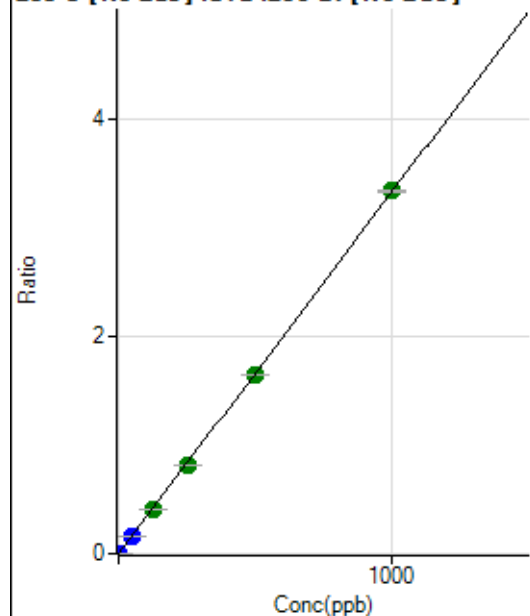
$$DL = 0.008395$$

$$BEC = 0.06829$$

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	38.89	0.0000	P	12.3
2	☐	0.100					
3	☐	1.000	0.848	16339.14	0.0028	P	0.3
4	☐	50.000	49.092	920960.28	0.1631	P	3.3
5	☐	125.000	123.896	2416508.71	0.4116	A	0.2
6	☐	250.000	244.039	4950607.10	0.8107	A	0.3
7	☐	500.000	493.548	10407632.44	1.6395	A	0.3
8	☐	1000.000	1004.900	20782480.32	3.3382	A	0.2
9	☐			927.86	0.0002	P	8.7

$$y = 0.0033 * x + 6.7837E-006$$

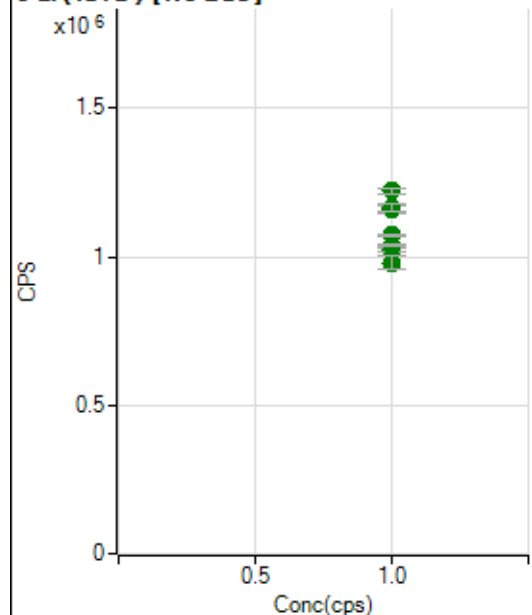
$$R = 0.9999$$

$$DL = 0.0007535$$

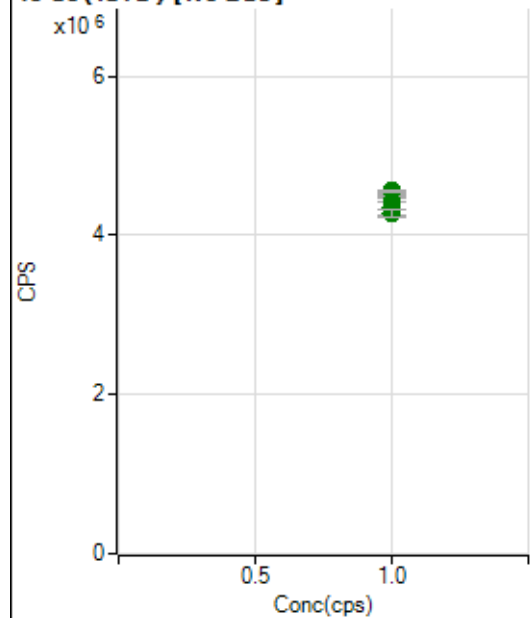
$$BEC = 0.002042$$

Weight: <None>

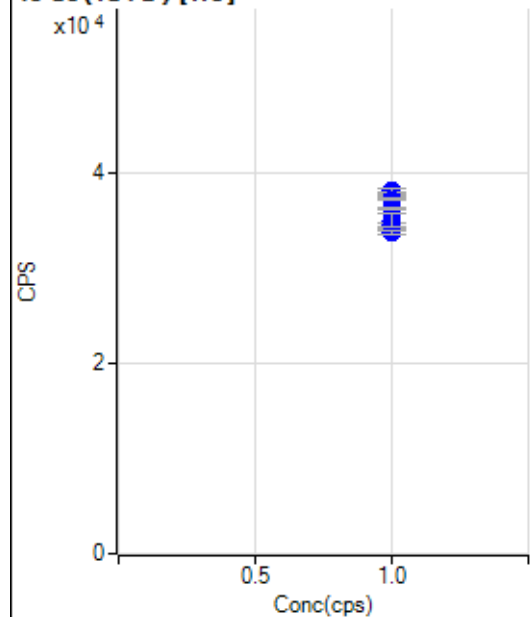
Min Conc: 0

6 Li (ISTD) [No Gas]

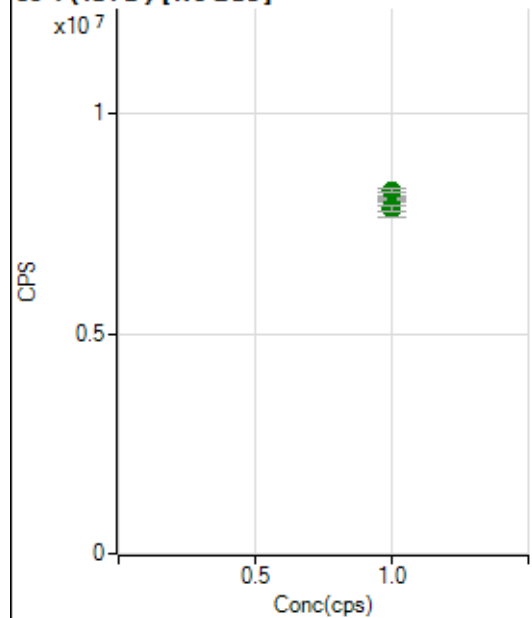
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1021672.86		A	1.1
2	☐	1.000					
3	☐	1.000		1023471.96		A	1.8
4	☐	1.000		980337.31		A	5.0
5	☐	1.000		1036645.13		A	0.7
6	☐	1.000		1074034.09		A	0.7
7	☐	1.000		1160463.74		A	2.2
8	☐	1.000		1164548.03		A	2.1
9	☐	1.000		1221544.08		A	1.8

45 Sc (ISTD) [No Gas]

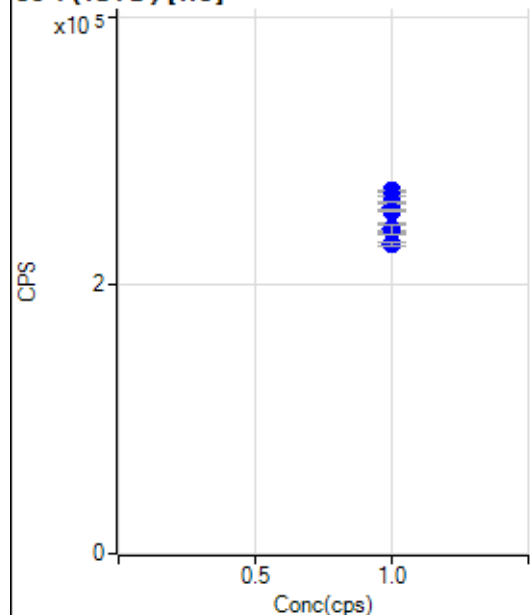
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4485288.99		A	0.6
2	☐	1.000					
3	☐	1.000		4522279.74		A	0.7
4	☐	1.000		4339126.66		A	3.7
5	☐	1.000		4524030.14		A	0.5
6	☐	1.000		4476843.24		A	0.5
7	☐	1.000		4502119.07		A	0.3
8	☐	1.000		4272913.94		A	2.1
9	☐	1.000		4559485.61		A	0.7

45 Sc (ISTD) [He]

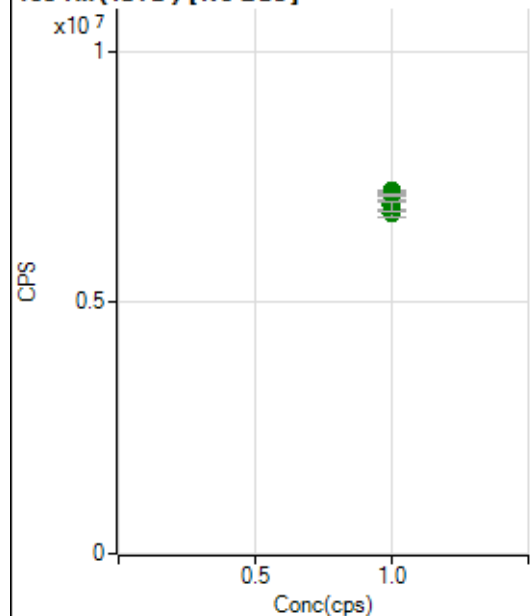
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		37613.76		P	0.5
2	☐	1.000					
3	☐	1.000		35754.05		P	8.8
4	☐	1.000		38071.64		P	0.9
5	☐	1.000		37189.20		P	0.7
6	☐	1.000		36209.01		P	1.0
7	☐	1.000		34501.41		P	0.8
8	☐	1.000		33677.23		P	0.8
9	☐	1.000		34970.34		P	3.9

89 Y (ISTD) [No Gas]

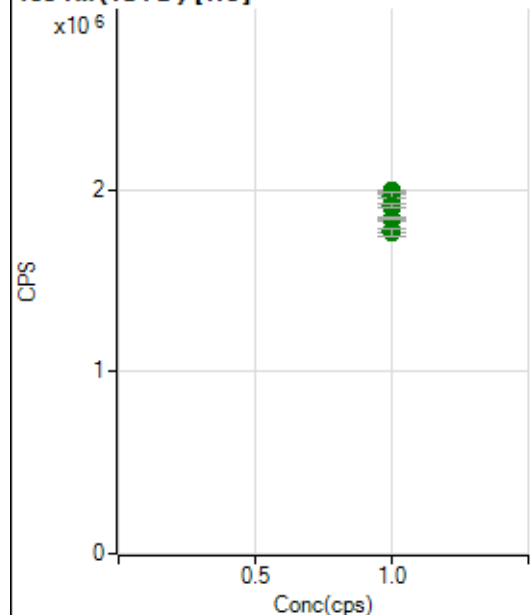
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8057549.53		A	0.3
2	☐	1.000					
3	☐	1.000		8121896.13		A	0.4
4	☐	1.000		7815707.87		A	4.1
5	☐	1.000		8068834.25		A	0.1
6	☐	1.000		8092787.24		A	0.3
7	☐	1.000		8058223.15		A	0.2
8	☐	1.000		7844927.45		A	1.9
9	☐	1.000		8240509.18		A	1.2

89 Y(ISTD) [He]

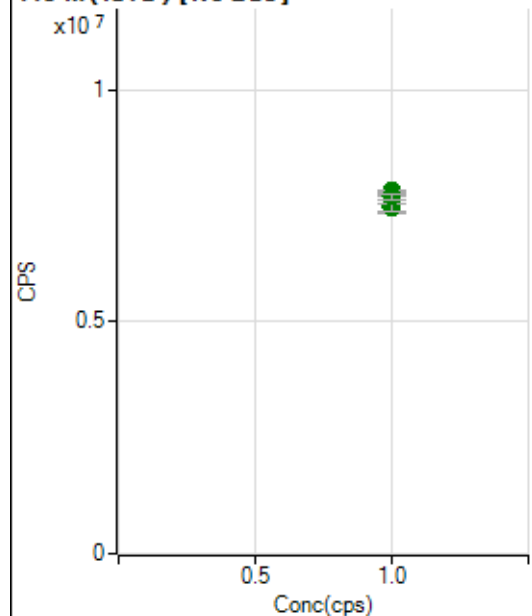
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		270274.04		P	0.4
2	☐	1.000					
3	☐	1.000		258111.61		P	8.8
4	☐	1.000		266840.95		P	0.2
5	☐	1.000		261989.82		P	0.5
6	☐	1.000		255323.30		P	0.8
7	☐	1.000		240107.78		P	0.4
8	☐	1.000		230271.15		P	1.1
9	☐	1.000		241616.36		P	3.1

103 Rh(ISTD) [No Gas]

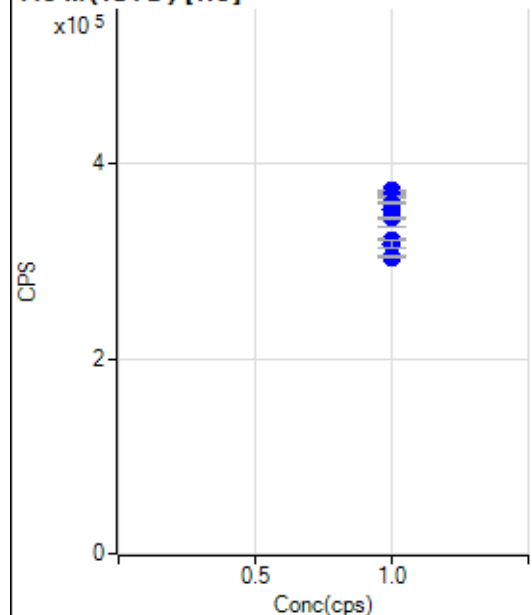
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7136822.03		A	0.5
2	☐	1.000					
3	☐	1.000		7227357.46		A	0.7
4	☐	1.000		6959046.77		A	2.9
5	☐	1.000		7171343.74		A	0.9
6	☐	1.000		7164332.45		A	0.2
7	☐	1.000		7152217.61		A	0.7
8	☐	1.000		6783149.37		A	2.1
9	☐	1.000		6927338.61		A	2.6

103 Rh (ISTD) [He]

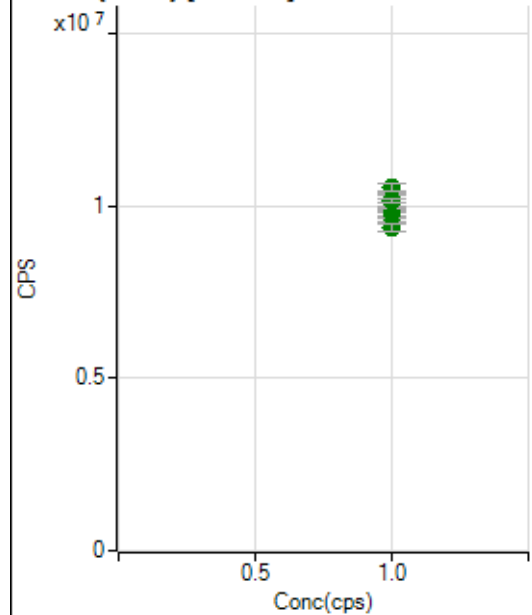
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1996305.86		A	0.5
2	☐	1.000					
3	☐	1.000		1906562.71		A	8.3
4	☐	1.000		1988349.99		A	0.6
5	☐	1.000		1973232.16		A	1.5
6	☐	1.000		1916290.82		A	0.9
7	☐	1.000		1845989.19		A	0.2
8	☐	1.000		1780757.53		A	1.2
9	☐	1.000		1765877.84		A	2.4

115 In (ISTD) [No Gas]

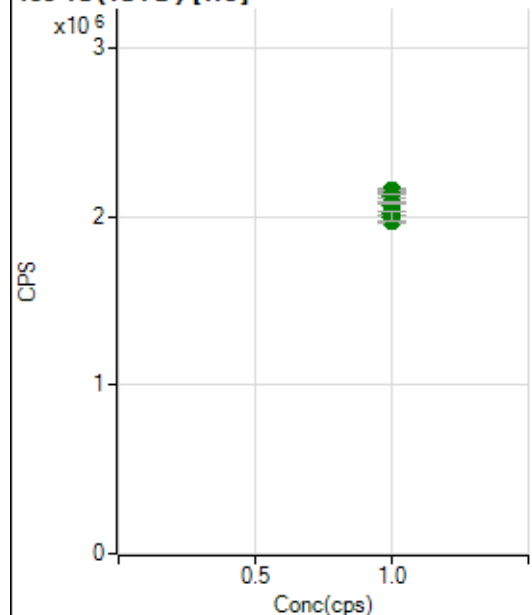
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7638476.24		A	0.1
2	☐	1.000					
3	☐	1.000		7737518.29		A	0.5
4	☐	1.000		7491291.43		A	3.5
5	☐	1.000		7746399.92		A	0.6
6	☐	1.000		7758016.84		A	0.7
7	☐	1.000		7823036.20		A	0.4
8	☐	1.000		7446090.76		A	2.2
9	☐	1.000		7699282.66		A	1.9

115 In (ISTD) [He]

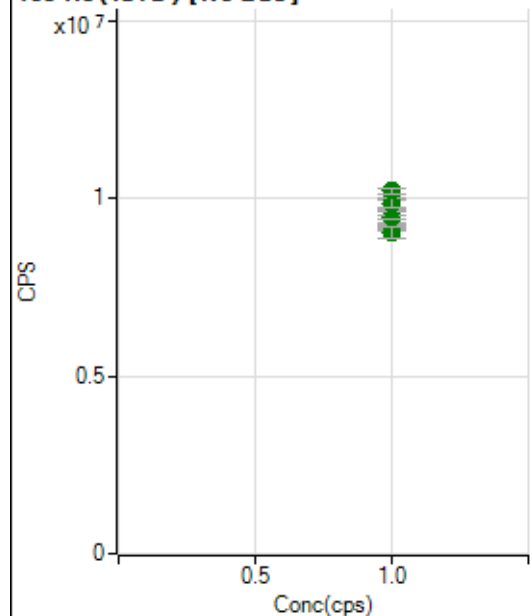
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		372010.41		P	0.2
2	☐	1.000					
3	☐	1.000		352153.24		P	9.3
4	☐	1.000		366031.49		P	0.4
5	☐	1.000		359537.22		P	0.5
6	☐	1.000		344123.10		P	0.5
7	☐	1.000		321828.56		P	0.5
8	☐	1.000		304278.27		P	1.0
9	☐	1.000		317227.92		P	2.8

159 Tb (ISTD) [No Gas]

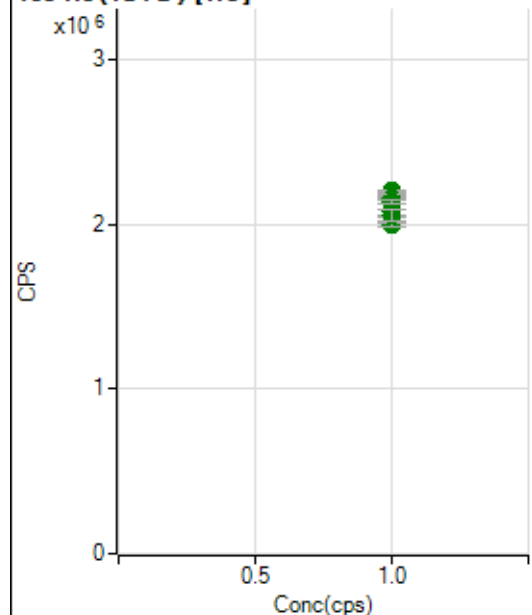
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9516730.13		A	0.9
2	☐	1.000					
3	☐	1.000		9705598.75		A	0.4
4	☐	1.000		9393108.68		A	2.7
5	☐	1.000		9851915.97		A	0.3
6	☐	1.000		9967928.46		A	0.7
7	☐	1.000		10365359.15		A	0.6
8	☐	1.000		10169932.49		A	1.4
9	☐	1.000		10536425.81		A	2.1

159 Tb (ISTD) [He]

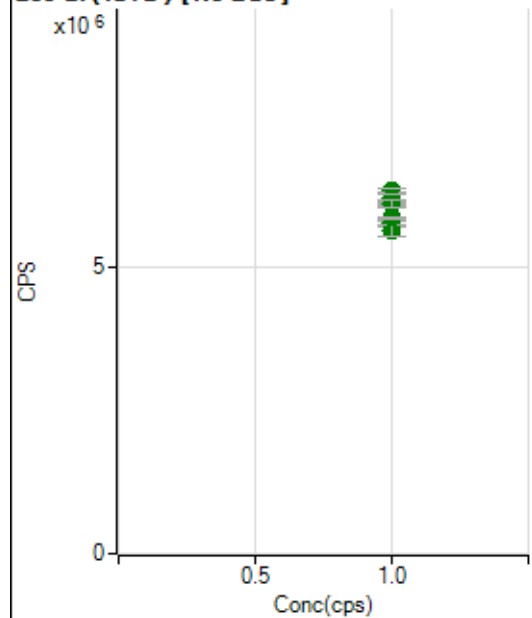
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2138409.50		A	0.9
2	☐	1.000					
3	☐	1.000		2068868.32		A	9.4
4	☐	1.000		2151888.35		A	0.2
5	☐	1.000		2123210.77		A	1.0
6	☐	1.000		2080879.55		A	0.4
7	☐	1.000		2014806.39		A	1.2
8	☐	1.000		1968752.68		A	0.9
9	☐	1.000		1997583.76		A	3.0

165 Ho (ISTD) [No Gas]

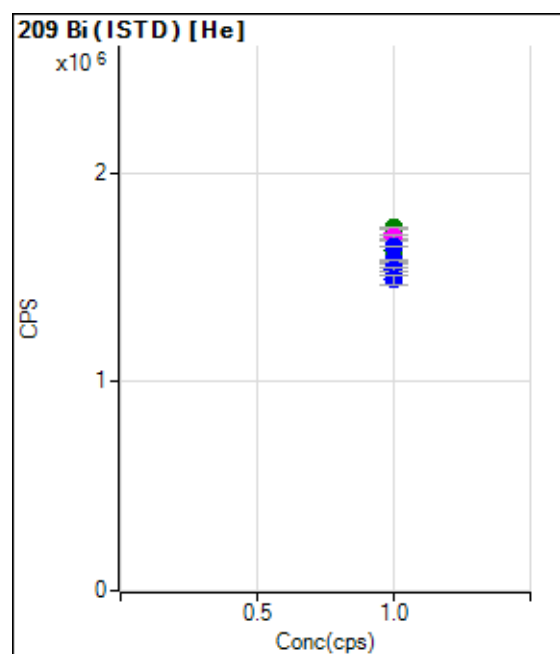
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9123122.77		A	0.4
2	☐	1.000					
3	☐	1.000		9284384.32		A	0.6
4	☐	1.000		9036503.76		A	3.3
5	☐	1.000		9460130.07		A	0.8
6	☐	1.000		9654069.57		A	0.7
7	☐	1.000		9986292.50		A	0.6
8	☐	1.000		9860776.61		A	2.5
9	☐	1.000		10202770.02		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2179622.31		A	0.6
2	☐	1.000					
3	☐	1.000		2072506.46		A	8.3
4	☐	1.000		2202091.31		A	0.5
5	☐	1.000		2164434.93		A	1.4
6	☐	1.000		2139344.48		A	1.0
7	☐	1.000		2047546.48		A	0.3
8	☐	1.000		1999296.40		A	1.3
9	☐	1.000		2056017.54		A	3.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5732448.04		A	0.2
2	☐	1.000					
3	☐	1.000		5785066.86		A	0.7
4	☐	1.000		5651533.60		A	3.6
5	☐	1.000		5871392.48		A	0.1
6	☐	1.000		6106876.57		A	0.7
7	☐	1.000		6347917.68		A	1.0
8	☐	1.000		6225881.09		A	2.2
9	☐	1.000		6128558.38		A	2.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1713792.01		M	1.5
2	☐	1.000					
3	☐	1.000		1624667.23		A	7.2
4	☐	1.000		1735000.43		A	0.3
5	☐	1.000		1688412.66		M	1.4
6	☐	1.000		1644734.51		P	0.3
7	☐	1.000		1578697.02		P	0.3
8	☐	1.000		1536193.05		P	0.9
9	☐	1.000		1485627.43		P	2.8

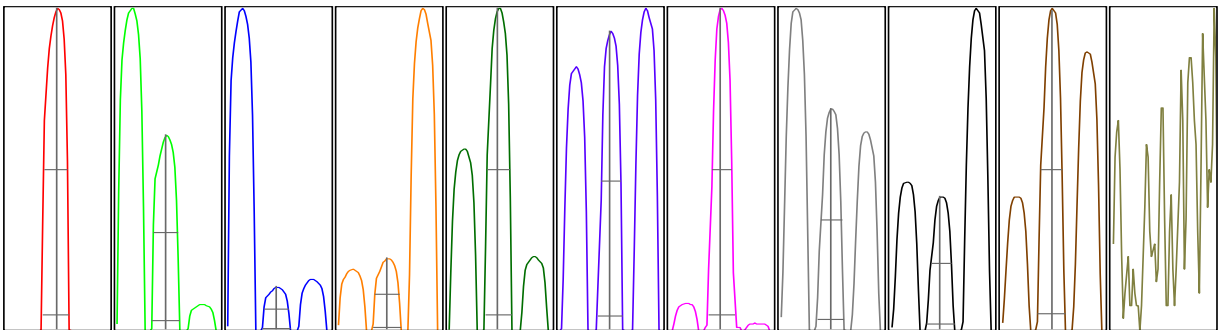
US EPA Tune Check Sample Report

Batch Folder D:\P8102117-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4977	0.64	5.00	
24	27690	0.80	5.00	
25	3750	0.65	5.00	
26	4405	0.72	5.00	
59	63474	0.82	5.00	
113	8413	0.77	5.00	
115	107321	1.49	5.00	
206	22994	1.06	5.00	
207	20752	1.09	5.00	
208	50074	0.84	5.00	
220	1	25.58		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4982	4925	5001	5003	4974
24	27630	27329	27829	27885	27777
25	3748	3715	3757	3746	3783
26	4403	4354	4407	4439	4421
59	63606	62606	63717	63987	63456
113	8505	8333	8391	8445	8390
115	109416	106125	108686	106268	106110
206	23039	22566	23131	23138	23099
207	20719	20371	20873	20907	20892
208	50105	49354	50216	50424	50269
220	2	1	2	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	7706	9.00	8.9 - 9.1		0.788	0.900	
24	42875	23.95	23.9 - 24.1		0.790	0.900	
25	5798	24.95	24.9 - 25.1		0.815	0.900	
26	6854	25.95	25.9 - 26.1		0.818	0.900	
59	102849	58.95	58.9 - 59.1		0.785	0.900	
113	14861	113.00	112.9 - 113.1		0.729	0.900	
115	187302	115.00	114.9 - 115.1		0.779	0.900	
206	40279	206.00	205.9 - 206.1		0.779	0.900	
207	36258	206.95	206.9 - 207.1		0.794	0.900	
208	86768	208.00	207.9 - 208.1		0.782	0.900	
220			-				

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
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.6	V	Deflect	13.6	V
Extract 2	-235.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-85	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8052	0.47	
89	1822	0.89	
205	11560	0.36	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8105	8001	8062	8050	8040
89	1849	1824	1810	1808	1820
205	11629	11542	11550	11562	11516

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.6	V	Deflect	1.8	V
Extract 2	-235.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-85	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	5.0	mL/min	OctP RF	190	V			

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:36:14	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.98	-1.99	1.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.03	0.03	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.08	0.01	-0.09	0.00	N/A	ppb
Boron	11-1	0.07	0.10	-0.17	0.00	N/A	ppb
Cadmium	111-1	0.04	0.01	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.70	-0.16	-0.54	0.00	N/A	ppb
Cadmium	108-1	0.10	-0.09	-0.01	0.00	N/A	ppb
Calcium	43-1	-4.49	-10.12	14.61	0.00	N/A	ppb
Calcium	44-1	-2.43	1.39	1.04	0.00	N/A	ppb
Chromium	52-2	-0.03	0.00	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	-0.02	0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.24	-0.14	-0.11	0.00	N/A	ppb
Iron	57-2	0.98	-2.01	1.02	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.53	1.04	-0.50	0.00	N/A	ppb
Manganese	55-2	-0.04	0.04	0.01	0.00	N/A	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:36:14	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	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-22.77	20.18	-22.77	-8.45		ppb
Potassium	39-2	0.81	9.55	-10.36	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	-0.83	1.65	0.00	N/A	ppb
Selenium	82-1	0.10	-0.09	-0.01	0.00	N/A	ppb
Silicon	28-1	-0.77	0.39	0.38	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.54	9.28	-7.74	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	34.18	206.44	157.85	132.82	66.87	ppb
Terbium	159-1						%
Terbium	159-2						%
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	0.01	0.01	-0.02	0.00	N/A	ppb
Titanium	47-1	-0.03	-0.01	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.09	0.05	0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:36:14	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	0.00	0.02	0.00	N/A	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:43:19	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.66	5.57	15.71	13.98	55.01	ppb
Antimony	121-1	1.98	1.86	1.94	1.92	3.19	ppb
Arsenic	75-2	1.02	1.14	0.94	1.03	9.88	ppb
Barium	135-1	8.91	9.17	9.22	9.10	1.81	ppb
Barium	137-1	9.41	9.46	9.13	9.33	1.94	ppb
Beryllium	9-1	0.77	1.13	1.05	0.98	19.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.85	19.52	26.01	22.79	14.25	ppb
Boron	11-1	23.21	23.63	22.56	23.13	2.34	ppb
Cadmium	111-1	1.00	0.95	0.90	0.95	5.15	ppb
Cadmium	106-1	1.21	0.17	-0.02	0.45	146.11	ppb
Cadmium	108-1	1.20	1.22	1.25	1.22	1.83	ppb
Calcium	43-1	409.10	392.95	413.38	405.15	2.66	ppb
Calcium	44-1	432.97	425.48	439.86	432.77	1.66	ppb
Chromium	52-2	2.52	1.79	2.07	2.12	17.28	ppb
Cobalt	59-2	1.16	0.90	0.90	0.99	15.34	ppb
Copper	63-2	2.19	1.79	1.78	1.92	12.08	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	55.75	45.48	47.97	49.73	10.77	ppb
Iron	57-2	51.11	40.81	49.51	47.14	11.76	ppb
Lead	206-1	0.89	0.93	0.98	0.93	4.84	ppb
Lead	207-1	0.94	0.90	0.89	0.91	2.55	ppb
Lead	208-1	0.92	0.88	0.95	0.92	3.45	ppb
Lithium	6-1						%
Magnesium	24-2	515.56	454.22	434.40	468.06	9.04	ppb
Manganese	55-2	1.48	1.05	0.92	1.15	25.55	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:43:19	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.87	1.95	2.01	1.94	3.53	ppb
Molybdenum	95-1	4.38	4.32	4.30	4.34	0.94	ppb
Molybdenum	96-1	3.71	3.72	3.77	3.73	0.86	ppb
Molybdenum	97-1	4.19	4.45	4.33	4.32	3.02	ppb
Molybdenum	98-1	4.53	4.27	4.34	4.38	3.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	0.88	0.85	0.96	17.26	ppb
Phosphorus	31-2	27.37	20.75	-22.77	8.45	322.27	ppb
Potassium	39-2	539.84	457.92	442.65	480.14	10.89	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.04	8.31	4.10	5.15	54.19	ppb
Selenium	82-1	5.32	5.46	5.77	5.52	4.11	ppb
Silicon	28-1	13.41	12.04	15.37	13.61	12.33	ppb
Silver	109-1	0.95	0.98	1.01	0.98	3.36	ppb
Silver	107-1	0.91	0.96	0.99	0.96	4.41	ppb
Sodium	23-2	551.44	452.01	455.00	486.15	11.64	ppb
Strontium	86-1	0.90	0.95	0.99	0.95	4.34	ppb
Strontium	88-1	0.91	0.91	0.92	0.91	0.57	ppb
Sulfur	34-1	-110.89	-222.34	-65.24	-132.82		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.86	0.95	0.92	5.07	ppb
Thallium	205-1	0.91	0.91	0.95	0.93	2.29	ppb
Tin	118-1	4.76	4.57	4.75	4.69	2.31	ppb
Titanium	47-1	4.55	3.96	4.21	4.24	7.02	ppb
Uranium	238-1	0.85	0.85	0.85	0.85	0.31	ppb
Vanadium	51-2	5.33	4.52	4.38	4.74	10.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.00	2.44	2.04	2.50	19.31	ppb
Zirconium	90-1	0.89	0.88	0.89	0.88	0.77	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:43:19	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.89	0.97	0.92	4.92	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:46:48	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1033.68	1010.49	960.82	1001.66	3.72	ppb
Antimony	121-1	53.81	56.14	54.25	54.73	2.26	ppb
Arsenic	75-2	50.12	50.20	49.31	49.88	0.98	ppb
Barium	135-1	261.74	280.24	267.03	269.67	3.53	ppb
Barium	137-1	265.48	281.37	268.36	271.74	3.12	ppb
Beryllium	9-1	54.72	60.27	56.66	57.22	4.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	57.37	62.34	54.73	58.14	6.64	ppb
Boron	11-1	51.87	59.33	55.06	55.42	6.75	ppb
Cadmium	111-1	55.31	57.39	55.04	55.91	2.30	ppb
Cadmium	106-1	56.61	59.58	55.85	57.34	3.44	ppb
Cadmium	108-1	53.34	56.33	57.59	55.75	3.92	ppb
Calcium	43-1	4878.60	5408.14	5092.28	5126.34	5.20	ppb
Calcium	44-1	5005.52	5416.12	5133.51	5185.05	4.05	ppb
Chromium	52-2	48.43	49.26	49.05	48.91	0.88	ppb
Cobalt	59-2	49.28	50.25	49.70	49.74	0.98	ppb
Copper	63-2	98.38	101.70	98.45	99.51	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2577.40	2612.47	2581.53	2590.47	0.74	ppb
Iron	57-2	2491.35	2529.35	2586.67	2535.79	1.89	ppb
Lead	206-1	49.53	53.39	50.63	51.18	3.89	ppb
Lead	207-1	49.12	53.17	50.09	50.79	4.16	ppb
Lead	208-1	49.67	53.32	50.23	51.07	3.85	ppb
Lithium	6-1						%
Magnesium	24-2	4917.40	5078.07	4914.25	4969.91	1.89	ppb
Manganese	55-2	98.28	101.74	100.65	100.22	1.76	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:46:48	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	50.43	53.64	50.24	51.44	3.71	ppb
Molybdenum	95-1	49.79	54.14	50.15	51.36	4.70	ppb
Molybdenum	96-1	49.31	53.46	49.02	50.60	4.91	ppb
Molybdenum	97-1	49.64	54.35	50.12	51.37	5.04	ppb
Molybdenum	98-1	49.03	53.41	49.47	50.63	4.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.01	49.44	49.89	49.78	0.61	ppb
Phosphorus	31-2	965.08	1175.20	929.00	1023.09	13.00	ppb
Potassium	39-2	2579.91	2648.58	2520.59	2583.03	2.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	55.03	70.27	34.96	53.42	33.15	ppb
Selenium	78-2	40.27	43.77	54.45	46.16	16.00	ppb
Selenium	82-1	52.01	57.12	52.30	53.81	5.34	ppb
Silicon	28-1	70.12	89.14	72.18	77.15	13.53	ppb
Silver	109-1	54.38	57.40	54.84	55.54	2.93	ppb
Silver	107-1	54.99	57.22	55.87	56.03	2.01	ppb
Sodium	23-2	4966.93	4984.78	4940.93	4964.21	0.44	ppb
Strontium	86-1	51.44	54.29	50.68	52.14	3.65	ppb
Strontium	88-1	51.68	54.99	51.75	52.80	3.58	ppb
Sulfur	34-1	1629.58	2607.71	1816.10	2017.79	25.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.89	53.51	50.08	51.16	3.99	ppb
Thallium	205-1	50.73	53.98	51.15	51.95	3.41	ppb
Tin	118-1	52.86	57.09	53.64	54.53	4.13	ppb
Titanium	47-1	51.81	53.49	51.71	52.34	1.90	ppb
Uranium	238-1	47.92	50.92	48.44	49.09	3.26	ppb
Vanadium	51-2	50.32	50.01	49.23	49.85	1.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	99.93	101.15	98.95	100.01	1.10	ppb
Zirconium	90-1	50.25	54.14	50.47	51.62	4.24	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:46:48	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.35	54.78	49.91	51.34	5.81	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 14:50:16 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2415.24	2445.44	2452.09	2437.59	0.81	ppb
Antimony	121-1	131.81	131.95	130.73	131.50	0.51	ppb
Arsenic	75-2	125.71	125.61	124.76	125.36	0.42	ppb
Barium	135-1	653.45	650.83	644.99	649.76	0.67	ppb
Barium	137-1	664.11	665.31	650.37	659.93	1.26	ppb
Beryllium	9-1	139.75	137.53	137.83	138.37	0.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	132.67	137.26	138.08	136.00	2.14	ppb
Boron	11-1	130.32	137.90	136.35	134.85	2.97	ppb
Cadmium	111-1	134.30	133.63	133.61	133.84	0.29	ppb
Cadmium	106-1	136.01	136.94	136.25	136.40	0.35	ppb
Cadmium	108-1	131.91	133.28	138.00	134.39	2.38	ppb
Calcium	43-1	12051.93	12247.92	12120.28	12140.04	0.82	ppb
Calcium	44-1	12172.59	12192.29	12398.00	12254.30	1.02	ppb
Chromium	52-2	123.61	124.71	123.06	123.80	0.68	ppb
Cobalt	59-2	125.67	126.83	126.60	126.37	0.49	ppb
Copper	63-2	250.79	252.46	249.38	250.88	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6547.39	6674.22	6524.77	6582.12	1.22	ppb
Iron	57-2	6423.03	6481.40	6415.67	6440.03	0.56	ppb
Lead	206-1	124.81	125.63	125.09	125.17	0.33	ppb
Lead	207-1	123.61	123.30	123.42	123.44	0.13	ppb
Lead	208-1	124.05	124.83	124.25	124.37	0.33	ppb
Lithium	6-1						%
Magnesium	24-2	12455.21	12710.52	12575.15	12580.29	1.02	ppb
Manganese	55-2	254.51	257.16	253.10	254.92	0.81	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:50:16	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	126.68	125.17	125.10	125.65	0.71	ppb
Molybdenum	95-1	125.41	126.59	125.11	125.70	0.62	ppb
Molybdenum	96-1	123.09	122.94	123.95	123.33	0.44	ppb
Molybdenum	97-1	123.60	123.01	124.42	123.68	0.57	ppb
Molybdenum	98-1	123.35	123.10	123.65	123.37	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.06	126.66	125.37	125.70	0.68	ppb
Phosphorus	31-2	3040.33	2446.72	2466.35	2651.13	12.72	ppb
Potassium	39-2	6517.37	6636.76	6450.79	6534.97	1.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	121.70	117.58	168.72	136.00	20.89	ppb
Selenium	78-2	125.84	136.29	114.03	125.39	8.89	ppb
Selenium	82-1	131.63	127.01	131.17	129.94	1.96	ppb
Silicon	28-1	166.46	167.93	170.51	168.30	1.22	ppb
Silver	109-1	133.93	134.53	134.30	134.25	0.22	ppb
Silver	107-1	134.71	134.40	134.05	134.38	0.24	ppb
Sodium	23-2	12635.81	12727.74	12486.60	12616.71	0.96	ppb
Strontium	86-1	126.29	125.34	125.59	125.74	0.39	ppb
Strontium	88-1	128.30	130.63	128.23	129.05	1.06	ppb
Sulfur	34-1	3076.83	3206.46	2830.72	3038.00	6.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	124.29	125.46	126.31	125.35	0.81	ppb
Thallium	205-1	128.92	128.29	128.58	128.60	0.24	ppb
Tin	118-1	131.09	132.38	130.82	131.43	0.63	ppb
Titanium	47-1	125.40	126.09	126.91	126.13	0.60	ppb
Uranium	238-1	123.64	123.95	124.09	123.90	0.19	ppb
Vanadium	51-2	125.27	127.23	126.09	126.20	0.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	249.96	253.98	255.89	253.28	1.19	ppb
Zirconium	90-1	126.45	129.71	127.88	128.01	1.27	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:50:16	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.16	125.22	125.69	125.03	0.63	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:53:40	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5170.46	4983.67	4987.82	5047.32	2.11	ppb
Antimony	121-1	266.60	259.71	263.87	263.39	1.32	ppb
Arsenic	75-2	249.59	247.76	244.40	247.25	1.06	ppb
Barium	135-1	1328.54	1313.05	1320.47	1320.69	0.59	ppb
Barium	137-1	1327.07	1292.96	1309.49	1309.84	1.30	ppb
Beryllium	9-1	268.34	273.09	273.25	271.56	1.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	253.16	272.06	271.71	265.64	4.07	ppb
Boron	11-1	252.09	267.94	275.28	265.10	4.47	ppb
Cadmium	111-1	265.24	262.19	265.32	264.25	0.68	ppb
Cadmium	106-1	266.52	264.83	265.04	265.47	0.35	ppb
Cadmium	108-1	261.70	263.92	264.51	263.38	0.56	ppb
Calcium	43-1	24513.37	24667.09	24618.49	24599.65	0.32	ppb
Calcium	44-1	24246.35	24325.73	24718.09	24430.06	1.03	ppb
Chromium	52-2	252.97	245.68	247.60	248.75	1.52	ppb
Cobalt	59-2	255.93	249.85	252.98	252.92	1.20	ppb
Copper	63-2	509.70	497.81	500.37	502.63	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13270.81	12932.30	12937.47	13046.86	1.49	ppb
Iron	57-2	12933.36	12794.86	12849.47	12859.23	0.54	ppb
Lead	206-1	245.79	245.05	245.84	245.56	0.18	ppb
Lead	207-1	243.86	242.20	242.48	242.85	0.37	ppb
Lead	208-1	249.52	248.02	247.38	248.31	0.44	ppb
Lithium	6-1						%
Magnesium	24-2	26276.86	25746.98	25845.31	25956.38	1.09	ppb
Manganese	55-2	521.28	507.30	510.85	513.15	1.42	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:53:40	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	251.49	252.51	253.12	252.37	0.33	ppb
Molybdenum	95-1	250.53	250.70	251.07	250.77	0.11	ppb
Molybdenum	96-1	244.48	245.30	246.52	245.43	0.42	ppb
Molybdenum	97-1	247.73	248.51	248.72	248.32	0.21	ppb
Molybdenum	98-1	245.51	247.08	246.82	246.47	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.75	248.68	252.07	251.50	1.03	ppb
Phosphorus	31-2	5067.52	5285.77	4837.28	5063.52	4.43	ppb
Potassium	39-2	13146.95	12547.11	13079.43	12924.50	2.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	205.57	225.00	259.60	230.06	11.90	ppb
Selenium	78-2	236.00	247.42	296.85	260.09	12.44	ppb
Selenium	82-1	258.59	257.48	255.79	257.29	0.55	ppb
Silicon	28-1	272.11	271.28	268.24	270.54	0.75	ppb
Silver	109-1	271.67	264.62	267.63	267.97	1.32	ppb
Silver	107-1	267.70	269.30	270.78	269.26	0.57	ppb
Sodium	23-2	26227.95	25895.06	25684.54	25935.85	1.06	ppb
Strontium	86-1	250.25	250.43	250.42	250.37	0.04	ppb
Strontium	88-1	254.20	255.47	256.88	255.52	0.53	ppb
Sulfur	34-1	5578.87	5831.87	5486.93	5632.56	3.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	245.95	246.48	246.84	246.42	0.18	ppb
Thallium	205-1	250.56	252.79	249.85	251.07	0.61	ppb
Tin	118-1	261.76	257.69	261.83	260.43	0.91	ppb
Titanium	47-1	251.90	254.72	253.68	253.44	0.56	ppb
Uranium	238-1	245.01	243.58	243.52	244.04	0.35	ppb
Vanadium	51-2	255.70	249.77	254.83	253.43	1.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	557.26	552.71	547.65	552.54	0.87	ppb
Zirconium	90-1	255.78	257.20	255.79	256.26	0.32	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:53:40	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	249.53	248.23	249.61	249.12	0.31	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:56:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10078.26	9862.67	9648.92	9863.28	2.18	ppb
Antimony	121-1	508.86	506.24	512.28	509.13	0.60	ppb
Arsenic	75-2	489.10	500.03	496.51	495.21	1.13	ppb
Barium	135-1	2531.53	2508.34	2534.91	2524.93	0.57	ppb
Barium	137-1	2522.73	2507.56	2499.39	2509.89	0.47	ppb
Beryllium	9-1	530.81	521.17	508.43	520.13	2.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	508.42	506.17	507.76	507.45	0.23	ppb
Boron	11-1	512.20	519.54	508.15	513.30	1.12	ppb
Cadmium	111-1	511.48	506.37	510.11	509.32	0.52	ppb
Cadmium	106-1	511.08	514.11	499.11	508.10	1.56	ppb
Cadmium	108-1	506.93	510.31	506.74	507.99	0.40	ppb
Calcium	43-1	48509.62	48016.70	48504.58	48343.63	0.59	ppb
Calcium	44-1	48453.00	48201.81	48468.60	48374.47	0.31	ppb
Chromium	52-2	496.92	498.04	498.09	497.68	0.13	ppb
Cobalt	59-2	499.36	507.39	501.37	502.71	0.83	ppb
Copper	63-2	990.90	1015.28	1001.64	1002.61	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25979.88	26323.17	25975.41	26092.82	0.76	ppb
Iron	57-2	25513.21	26026.88	25884.40	25808.16	1.03	ppb
Lead	206-1	499.18	506.95	497.53	501.22	1.00	ppb
Lead	207-1	506.32	504.53	493.27	501.37	1.41	ppb
Lead	208-1	501.64	503.98	499.10	501.57	0.49	ppb
Lithium	6-1						%
Magnesium	24-2	50991.85	52828.16	51165.52	51661.84	1.96	ppb
Manganese	55-2	1007.90	1022.70	1012.29	1014.30	0.75	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:56:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	510.89	508.24	507.98	509.04	0.32	ppb
Molybdenum	95-1	507.68	504.70	508.28	506.89	0.38	ppb
Molybdenum	96-1	508.22	502.78	511.48	507.49	0.87	ppb
Molybdenum	97-1	497.85	498.48	501.30	499.21	0.37	ppb
Molybdenum	98-1	503.31	508.02	514.43	508.59	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.57	508.69	501.90	503.06	1.03	ppb
Phosphorus	31-2	10656.38	10037.41	9930.90	10208.23	3.84	ppb
Potassium	39-2	25417.48	25362.52	25301.48	25360.50	0.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	587.02	474.79	495.41	519.07	11.51	ppb
Selenium	78-2	513.50	496.41	461.10	490.34	5.45	ppb
Selenium	82-1	506.05	513.65	509.78	509.83	0.75	ppb
Silicon	28-1	517.72	507.49	510.22	511.81	1.04	ppb
Silver	109-1	513.38	515.90	511.22	513.50	0.46	ppb
Silver	107-1	516.67	510.20	511.89	512.92	0.65	ppb
Sodium	23-2	51020.63	51781.47	51467.90	51423.33	0.74	ppb
Strontium	86-1	496.15	498.01	503.76	499.31	0.79	ppb
Strontium	88-1	505.76	503.09	502.38	503.74	0.35	ppb
Sulfur	34-1	9735.62	9878.99	9897.61	9837.41	0.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.12	510.27	500.24	504.21	1.06	ppb
Thallium	205-1	500.88	495.27	492.93	496.36	0.82	ppb
Tin	118-1	516.72	510.00	514.35	513.69	0.66	ppb
Titanium	47-1	498.93	503.73	499.69	500.78	0.52	ppb
Uranium	238-1	492.01	494.64	493.99	493.55	0.28	ppb
Vanadium	51-2	501.70	504.86	504.37	503.64	0.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	994.39	1017.50	1009.67	1007.19	1.17	ppb
Zirconium	90-1	503.66	501.89	509.73	505.09	0.81	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:56:59	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.71	503.11	505.48	502.77	0.58	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:00:13	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19568.67	19328.78	19768.35	19555.26	1.13	ppb
Antimony	121-1	990.75	985.83	996.53	991.04	0.54	ppb
Arsenic	75-2	1003.77	1012.28	993.08	1003.04	0.96	ppb
Barium	135-1	4942.15	4966.76	4988.45	4965.79	0.47	ppb
Barium	137-1	4958.82	5003.32	4961.78	4974.64	0.50	ppb
Beryllium	9-1	985.63	973.27	988.63	982.51	0.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	986.33	983.54	1002.04	990.64	1.01	ppb
Boron	11-1	978.95	980.20	1005.21	988.12	1.50	ppb
Cadmium	111-1	981.90	986.30	1002.93	990.38	1.12	ppb
Cadmium	106-1	970.46	993.51	1006.90	990.29	1.86	ppb
Cadmium	108-1	994.15	985.65	993.79	991.20	0.48	ppb
Calcium	43-1	99957.76	98497.05	98110.05	98854.95	0.99	ppb
Calcium	44-1	97739.04	97017.88	96883.48	97213.47	0.47	ppb
Chromium	52-2	997.83	989.60	1017.59	1001.68	1.44	ppb
Cobalt	59-2	1010.57	970.92	1011.78	997.76	2.33	ppb
Copper	63-2	1978.87	1978.76	2036.23	1997.95	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51269.43	51071.50	52542.87	51627.93	1.55	ppb
Iron	57-2	50586.71	50165.50	51803.90	50852.04	1.67	ppb
Lead	206-1	1001.97	1004.72	994.56	1000.42	0.53	ppb
Lead	207-1	1000.29	1005.80	997.68	1001.26	0.41	ppb
Lead	208-1	1000.67	1003.67	994.64	999.66	0.46	ppb
Lithium	6-1						%
Magnesium	24-2	101721.72	99635.25	103384.80	101580.59	1.85	ppb
Manganese	55-2	1972.09	1974.37	2020.36	1988.94	1.37	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:00:13	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	998.69	988.23	997.33	994.75	0.57	ppb
Molybdenum	95-1	1004.03	979.59	1005.02	996.21	1.45	ppb
Molybdenum	96-1	1001.83	988.94	1001.97	997.58	0.75	ppb
Molybdenum	97-1	1007.02	985.59	1010.13	1000.92	1.33	ppb
Molybdenum	98-1	1002.39	988.40	999.51	996.76	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.69	986.01	1013.36	998.02	1.40	ppb
Phosphorus	31-2	18963.36	19139.90	21476.62	19859.96	7.06	ppb
Potassium	39-2	49478.96	48337.29	50073.67	49296.64	1.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	909.70	1032.87	1039.22	993.93	7.35	ppb
Selenium	78-2	1027.89	986.96	992.52	1002.45	2.21	ppb
Selenium	82-1	1000.36	983.12	993.88	992.45	0.88	ppb
Silicon	28-1	980.78	996.97	968.71	982.15	1.44	ppb
Silver	109-1	989.73	988.66	983.57	987.32	0.33	ppb
Silver	107-1	984.61	990.55	986.60	987.25	0.31	ppb
Sodium	23-2	99537.21	98517.77	101218.16	99757.71	1.37	ppb
Strontium	86-1	1004.86	999.70	995.60	1000.05	0.46	ppb
Strontium	88-1	997.67	993.70	996.94	996.10	0.21	ppb
Sulfur	34-1	20108.00	20023.73	19283.32	19805.02	2.29	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	998.44	993.95	1003.67	998.69	0.49	ppb
Thallium	205-1	998.76	1002.90	1001.36	1001.00	0.21	ppb
Tin	118-1	990.03	984.47	994.06	989.52	0.49	ppb
Titanium	47-1	1001.58	996.53	997.38	998.49	0.27	ppb
Uranium	238-1	1006.69	1004.91	1003.09	1004.90	0.18	ppb
Vanadium	51-2	988.98	986.90	1015.66	997.18	1.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1977.85	1960.44	2010.28	1982.86	1.28	ppb
Zirconium	90-1	996.22	993.49	996.58	995.43	0.17	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:00:13	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1003.36	986.82	1006.11	998.77	1.04	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:03:25	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100425.74	101061.74	98817.91	100101.80	1.16	ppb
Antimony	121-1	1.12	1.25	1.24	1.20	6.08	ppb
Arsenic	75-2	0.33	0.34	0.39	0.35	9.31	ppb
Barium	135-1	1.20	1.34	1.23	1.26	5.73	ppb
Barium	137-1	1.33	1.42	1.41	1.39	3.71	ppb
Beryllium	9-1	0.16	0.22	0.22	0.20	18.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.78	44.66	42.34	45.26	7.21	ppb
Boron	11-1	47.25	44.20	41.07	44.17	7.00	ppb
Cadmium	111-1	0.12	0.02	0.09	0.08	65.72	ppb
Cadmium	106-1	-0.30	-0.81	-0.01	-0.37		ppb
Cadmium	108-1	0.05	0.15	0.12	0.11	49.71	ppb
Calcium	43-1	497858.80	495823.34	507585.34	500422.49	1.26	ppb
Calcium	44-1	499950.37	498486.17	503821.61	500752.72	0.55	ppb
Chromium	52-2	12.74	12.49	12.53	12.59	1.04	ppb
Cobalt	59-2	1.13	1.14	1.11	1.12	1.28	ppb
Copper	63-2	3.01	2.69	2.75	2.82	5.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	252251.11	250067.55	246267.08	249528.58	1.21	ppb
Iron	57-2	250657.90	252016.88	246502.34	249725.71	1.15	ppb
Lead	206-1	1.50	1.40	1.51	1.47	4.29	ppb
Lead	207-1	1.28	1.34	1.33	1.31	2.47	ppb
Lead	208-1	1.38	1.36	1.42	1.39	2.46	ppb
Lithium	6-1						%
Magnesium	24-2	503252.47	501401.20	493750.94	499468.20	1.01	ppb
Manganese	55-2	5.21	6.14	5.99	5.78	8.65	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:03:25	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.81	0.71	0.83	0.78	8.52	ppb
Molybdenum	95-1	2.18	2.32	2.37	2.29	4.25	ppb
Molybdenum	96-1	2.53	2.34	2.33	2.40	4.57	ppb
Molybdenum	97-1	2.23	2.22	2.23	2.23	0.09	ppb
Molybdenum	98-1	2.25	2.20	2.35	2.27	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.09	10.37	10.02	10.16	1.82	ppb
Phosphorus	31-2	25.31	0.24	-22.77	0.93	2585.42	ppb
Potassium	39-2	250446.24	253103.05	246677.16	250075.48	1.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	0.10	-0.83	-0.52		ppb
Selenium	82-1	1.03	1.03	1.13	1.06	5.62	ppb
Silicon	28-1	-1.98	-0.79	0.51	-0.75		ppb
Silver	109-1	0.10	0.09	0.10	0.10	4.78	ppb
Silver	107-1	0.09	0.09	0.11	0.10	10.92	ppb
Sodium	23-2	505862.22	498244.63	495463.50	499856.79	1.08	ppb
Strontium	86-1	35.02	35.91	35.87	35.60	1.41	ppb
Strontium	88-1	36.26	35.80	36.76	36.27	1.33	ppb
Sulfur	34-1	-140.96	-206.81	90.50	-85.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.41	0.43	0.45	0.43	4.83	ppb
Thallium	205-1	0.44	0.41	0.42	0.42	3.05	ppb
Tin	118-1	0.81	0.81	0.87	0.83	4.14	ppb
Titanium	47-1	0.55	0.44	0.58	0.52	13.70	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	9.15	ppb
Vanadium	51-2	0.21	0.21	0.14	0.19	22.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.12	5.54	6.23	5.63	10.03	ppb
Zirconium	90-1	0.09	0.10	0.08	0.09	8.56	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:03:25	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.13	0.11	0.12	10.20	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:06:45 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	472.30	490.41	524.44	495.72	5.34	ppb
Antimony	121-1	196.91	201.35	217.20	205.15	5.20	ppb
Arsenic	75-2	189.79	196.26	193.00	193.01	1.68	ppb
Barium	135-1	98.74	99.19	107.15	101.69	4.65	ppb
Barium	137-1	99.65	99.85	107.89	102.46	4.59	ppb
Beryllium	9-1	95.78	95.15	105.61	98.85	5.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	446.10	460.61	530.81	479.17	9.45	ppb
Boron	11-1	447.85	463.16	521.00	477.34	8.08	ppb
Cadmium	111-1	102.75	103.43	112.42	106.20	5.08	ppb
Cadmium	106-1	152.72	154.95	168.79	158.82	5.48	ppb
Cadmium	108-1	132.80	130.06	139.68	134.18	3.69	ppb
Calcium	43-1	1960.14	2010.99	2134.73	2035.29	4.41	ppb
Calcium	44-1	1964.38	1985.16	2139.68	2029.74	4.72	ppb
Chromium	52-2	95.83	95.09	94.11	95.01	0.91	ppb
Cobalt	59-2	100.50	99.39	98.52	99.47	1.00	ppb
Copper	63-2	99.77	98.01	100.41	99.40	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1028.39	1003.34	1009.65	1013.79	1.29	ppb
Iron	57-2	966.58	982.53	969.08	972.73	0.88	ppb
Lead	206-1	197.10	195.97	212.79	201.95	4.66	ppb
Lead	207-1	187.69	187.80	202.84	192.78	4.52	ppb
Lead	208-1	196.38	196.27	210.93	201.19	4.19	ppb
Lithium	6-1						%
Magnesium	24-2	1236.19	1220.05	1196.20	1217.48	1.65	ppb
Manganese	55-2	97.97	96.42	97.32	97.23	0.80	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:06:45	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	482.18	479.98	518.02	493.39	4.33	ppb
Molybdenum	95-1	483.19	486.01	526.85	498.68	4.90	ppb
Molybdenum	96-1	483.07	477.24	520.40	493.57	4.75	ppb
Molybdenum	97-1	470.09	468.40	506.28	481.59	4.44	ppb
Molybdenum	98-1	481.05	478.75	515.12	491.64	4.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.32	100.58	100.46	100.45	0.13	ppb
Phosphorus	31-2	-22.77	-22.77	-0.23	-15.25		ppb
Potassium	39-2	2015.38	2020.51	1953.12	1996.34	1.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	198.84	173.49	205.62	192.65	8.79	ppb
Selenium	78-2	197.27	203.69	216.88	205.95	4.86	ppb
Selenium	82-1	200.22	199.12	215.75	205.03	4.54	ppb
Silicon	28-1	469.14	467.35	526.24	487.58	6.87	ppb
Silver	109-1	99.99	100.34	109.63	103.32	5.29	ppb
Silver	107-1	100.18	100.70	110.06	103.65	5.37	ppb
Sodium	23-2	2107.79	2077.33	2134.06	2106.39	1.35	ppb
Strontium	86-1	472.30	471.05	514.85	486.07	5.13	ppb
Strontium	88-1	482.68	477.73	525.28	495.23	5.28	ppb
Sulfur	34-1	-192.13	-453.87	1258.44	204.15	451.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	197.98	199.85	216.60	204.81	5.01	ppb
Thallium	205-1	204.46	205.76	221.08	210.44	4.39	ppb
Tin	118-1	485.75	496.14	536.22	506.04	5.27	ppb
Titanium	47-1	475.32	477.19	519.22	490.58	5.06	ppb
Uranium	238-1	502.59	500.09	539.58	514.09	4.30	ppb
Vanadium	51-2	97.13	96.75	95.33	96.40	0.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	198.39	199.62	198.16	198.72	0.40	ppb
Zirconium	90-1	480.26	470.38	513.20	487.94	4.60	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:06:45	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	470.43	464.79	510.12	481.78	5.13	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:09:50 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.95	-1.99	1.09	1.35	257.12	ppb
Antimony	121-1	0.16	0.17	0.15	0.16	5.38	ppb
Arsenic	75-2	0.02	0.04	0.08	0.04	64.46	ppb
Barium	135-1	0.00	0.01	0.00	0.01	110.79	ppb
Barium	137-1	0.01	0.01	0.00	0.00	146.35	ppb
Beryllium	9-1	0.09	0.16	0.10	0.12	30.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.67	24.88	23.83	25.13	5.71	ppb
Boron	11-1	28.52	26.61	24.93	26.69	6.73	ppb
Cadmium	111-1	0.00	0.03	0.00	0.01	187.67	ppb
Cadmium	106-1	-0.18	0.31	-0.23	-0.03		ppb
Cadmium	108-1	0.05	0.05	0.01	0.04	54.26	ppb
Calcium	43-1	-52.66	-46.63	-43.70	-47.66		ppb
Calcium	44-1	-9.88	-6.43	-5.57	-7.29		ppb
Chromium	52-2	-0.19	-0.30	-0.26	-0.25		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	181.00	ppb
Copper	63-2	0.05	0.03	0.05	0.04	27.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.63	0.27	0.41	0.44	42.20	ppb
Iron	57-2	-2.23	-0.97	-0.18	-1.12		ppb
Lead	206-1	0.07	0.08	0.05	0.07	19.71	ppb
Lead	207-1	0.06	0.06	0.08	0.07	14.87	ppb
Lead	208-1	0.07	0.07	0.08	0.07	8.40	ppb
Lithium	6-1						%
Magnesium	24-2	2.51	4.34	3.10	3.32	28.04	ppb
Manganese	55-2	0.13	0.08	0.06	0.09	42.01	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:09:50	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.03	0.03	19.22	ppb
Molybdenum	95-1	0.11	0.07	0.08	0.09	20.84	ppb
Molybdenum	96-1	0.11	0.10	0.04	0.09	42.67	ppb
Molybdenum	97-1	0.09	0.08	0.07	0.08	10.31	ppb
Molybdenum	98-1	0.11	0.08	0.10	0.10	17.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.00	-0.04	0.04	275.15	ppb
Phosphorus	31-2	2.19	0.16	-0.65	0.57	257.40	ppb
Potassium	39-2	30.27	5.03	3.02	12.77	118.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.90	0.00	0.00	1.97	173.21	ppb
Selenium	78-2	1.15	-0.83	0.06	0.13	772.88	ppb
Selenium	82-1	0.41	0.55	1.19	0.72	58.20	ppb
Silicon	28-1	-25.74	-26.58	-26.02	-26.11		ppb
Silver	109-1	0.03	0.02	0.01	0.02	52.79	ppb
Silver	107-1	0.02	0.02	0.03	0.02	38.24	ppb
Sodium	23-2	105.26	81.80	81.94	89.67	15.06	ppb
Strontium	86-1	-0.04	-0.04	-0.04	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-365.22	-464.42	-548.09	-459.24		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.10	0.10	0.11	9.47	ppb
Thallium	205-1	0.13	0.10	0.10	0.11	13.05	ppb
Tin	118-1	0.01	0.02	0.02	0.02	53.58	ppb
Titanium	47-1	-0.15	-0.06	-0.06	-0.09		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	28.63	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	305.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.55	-0.53	-0.82	-0.63		ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	80.02	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:09:50	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.02	0.02	33.94	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:13:01	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90267.83	90809.68	90745.75	90607.75	0.33	ppb
Antimony	121-1	1.14	1.20	1.20	1.18	2.89	ppb
Arsenic	75-2	0.29	0.42	0.37	0.36	18.26	ppb
Barium	135-1	1.64	1.36	1.62	1.54	10.14	ppb
Barium	137-1	1.43	1.55	1.59	1.52	5.71	ppb
Beryllium	9-1	0.27	0.28	0.34	0.30	12.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.80	20.25	18.50	19.52	4.66	ppb
Boron	11-1	18.08	19.85	16.95	18.29	7.98	ppb
Cadmium	111-1	0.25	0.28	0.19	0.24	19.44	ppb
Cadmium	106-1	-0.52	-0.62	-0.74	-0.62		ppb
Cadmium	108-1	7.50	6.55	7.42	7.15	7.37	ppb
Calcium	43-1	94874.34	94128.64	96704.68	95235.89	1.39	ppb
Calcium	44-1	94388.03	94599.33	95170.70	94719.36	0.43	ppb
Chromium	52-2	18.24	19.45	19.11	18.93	3.29	ppb
Cobalt	59-2	1.15	1.17	1.10	1.14	3.35	ppb
Copper	63-2	7.55	7.79	7.65	7.66	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99373.62	101012.80	100198.39	100194.93	0.82	ppb
Iron	57-2	98044.44	99732.81	98589.64	98788.96	0.87	ppb
Lead	206-1	5.34	5.19	4.93	5.15	4.03	ppb
Lead	207-1	4.60	4.45	4.49	4.51	1.72	ppb
Lead	208-1	4.94	4.71	4.66	4.77	3.07	ppb
Lithium	6-1						%
Magnesium	24-2	98313.14	100859.77	99632.75	99601.89	1.28	ppb
Manganese	55-2	7.42	7.84	7.74	7.67	2.87	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:13:01	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	589.12	592.12	587.12	589.45	0.43	ppb
Molybdenum	95-1	1879.42	1914.97	1880.55	1891.65	1.07	ppb
Molybdenum	96-1	1566.37	1593.74	1583.50	1581.20	0.87	ppb
Molybdenum	97-1	1905.35	1922.88	1884.81	1904.34	1.00	ppb
Molybdenum	98-1	1888.30	1909.64	1902.16	1900.03	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.21	5.60	5.24	5.35	4.10	ppb
Phosphorus	31-2	97387.15	97796.86	98816.23	98000.08	0.75	ppb
Potassium	39-2	99140.54	99953.34	100601.57	99898.48	0.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.00	1.02	-0.83	0.40	265.06	ppb
Selenium	82-1	0.95	0.42	0.91	0.76	39.25	ppb
Silicon	28-1	15.57	12.46	10.70	12.91	19.13	ppb
Silver	109-1	0.10	0.11	0.10	0.10	4.23	ppb
Silver	107-1	0.07	0.08	0.09	0.08	9.29	ppb
Sodium	23-2	98167.95	100093.74	98776.22	99012.64	0.99	ppb
Strontium	86-1	33.09	33.34	33.46	33.30	0.56	ppb
Strontium	88-1	33.81	34.15	33.67	33.88	0.74	ppb
Sulfur	34-1	75665.98	74587.40	76668.07	75640.49	1.38	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.19	0.21	0.23	0.21	11.16	ppb
Thallium	205-1	0.17	0.20	0.23	0.20	14.25	ppb
Tin	118-1	0.16	0.16	0.21	0.17	16.16	ppb
Titanium	47-1	1978.09	1987.20	1957.43	1974.24	0.77	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	14.45	ppb
Vanadium	51-2	0.18	0.16	0.13	0.16	17.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.83	11.49	10.68	11.00	3.92	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	5.77	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:13:01	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.03	0.06	0.05	29.09	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:16:06	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89026.83	92070.45	89587.34	90228.21	1.80	ppb
Antimony	121-1	21.74	21.89	21.68	21.77	0.49	ppb
Arsenic	75-2	20.31	21.16	20.02	20.49	2.89	ppb
Barium	135-1	22.30	22.49	21.69	22.16	1.87	ppb
Barium	137-1	22.23	22.48	22.11	22.27	0.85	ppb
Beryllium	9-1	21.77	22.55	22.57	22.29	2.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	63.05	69.68	66.59	66.44	4.99	ppb
Boron	11-1	63.27	66.10	64.31	64.56	2.22	ppb
Cadmium	111-1	20.71	20.44	20.39	20.52	0.84	ppb
Cadmium	106-1	21.14	22.15	22.88	22.06	3.96	ppb
Cadmium	108-1	29.24	28.44	30.02	29.24	2.70	ppb
Calcium	43-1	93642.95	96978.64	95432.07	95351.22	1.75	ppb
Calcium	44-1	94115.26	95573.10	94966.62	94884.99	0.77	ppb
Chromium	52-2	38.72	39.80	38.64	39.05	1.66	ppb
Cobalt	59-2	21.37	21.93	21.18	21.49	1.81	ppb
Copper	63-2	27.05	27.84	27.05	27.32	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	97884.70	101781.23	99534.80	99733.58	1.96	ppb
Iron	57-2	96600.04	99625.32	97953.75	98059.70	1.55	ppb
Lead	206-1	25.45	25.80	25.67	25.64	0.69	ppb
Lead	207-1	23.59	23.67	23.54	23.60	0.28	ppb
Lead	208-1	24.24	24.48	24.30	24.34	0.51	ppb
Lithium	6-1						%
Magnesium	24-2	97793.24	99837.41	97794.05	98474.90	1.20	ppb
Manganese	55-2	28.69	29.33	27.85	28.62	2.60	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:16:06	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	637.21	635.54	625.79	632.85	0.97	ppb
Molybdenum	95-1	1949.20	1928.39	1912.24	1929.94	0.96	ppb
Molybdenum	96-1	1642.48	1618.97	1599.84	1620.43	1.32	ppb
Molybdenum	97-1	1954.09	1932.38	1914.71	1933.72	1.02	ppb
Molybdenum	98-1	1938.98	1945.66	1912.74	1932.46	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.94	26.19	25.04	25.39	2.74	ppb
Phosphorus	31-2	97777.84	100597.54	100034.14	99469.84	1.50	ppb
Potassium	39-2	98448.63	103171.98	100469.92	100696.84	2.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	26.18	10.35	26.44	20.99	43.91	ppb
Selenium	78-2	16.73	24.31	17.78	19.61	20.95	ppb
Selenium	82-1	21.01	21.08	20.82	20.97	0.64	ppb
Silicon	28-1	75.19	74.87	71.50	73.85	2.76	ppb
Silver	109-1	19.79	19.39	19.49	19.55	1.07	ppb
Silver	107-1	19.84	19.64	19.71	19.73	0.50	ppb
Sodium	23-2	97473.65	100440.71	98595.98	98836.78	1.52	ppb
Strontium	86-1	79.16	80.60	79.51	79.76	0.94	ppb
Strontium	88-1	82.78	83.39	83.18	83.12	0.37	ppb
Sulfur	34-1	75063.87	75846.98	75288.88	75399.91	0.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.51	20.74	21.30	20.85	1.94	ppb
Thallium	205-1	20.77	21.05	21.23	21.02	1.09	ppb
Tin	118-1	48.29	48.56	48.59	48.48	0.34	ppb
Titanium	47-1	1995.66	2001.16	1994.35	1997.06	0.18	ppb
Uranium	238-1	47.14	47.94	47.68	47.59	0.87	ppb
Vanadium	51-2	20.43	20.53	19.47	20.14	2.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	33.51	29.94	32.31	31.92	5.69	ppb
Zirconium	90-1	46.95	47.49	47.22	47.22	0.57	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:16:06	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.76	46.97	46.52	47.08	1.33	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:19:09	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49481.58	49652.12	50091.71	49741.80	0.63	ppb
Antimony	121-1	495.50	526.88	507.88	510.09	3.10	ppb
Arsenic	75-2	490.36	494.40	485.49	490.08	0.91	ppb
Barium	135-1	2501.47	2641.91	2540.65	2561.34	2.83	ppb
Barium	137-1	2466.77	2621.48	2521.72	2536.66	3.09	ppb
Beryllium	9-1	511.18	528.45	509.98	516.54	2.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	496.19	540.03	524.83	520.35	4.28	ppb
Boron	11-1	498.68	534.35	513.40	515.48	3.48	ppb
Cadmium	111-1	481.50	510.76	492.68	494.98	2.98	ppb
Cadmium	106-1	481.82	514.54	497.77	498.05	3.29	ppb
Cadmium	108-1	480.76	511.54	492.91	495.07	3.13	ppb
Calcium	43-1	236804.91	253597.83	238786.86	243063.20	3.78	ppb
Calcium	44-1	238123.63	254214.34	240360.92	244232.96	3.57	ppb
Chromium	52-2	512.72	519.87	530.31	520.97	1.70	ppb
Cobalt	59-2	476.89	482.61	488.09	482.53	1.16	ppb
Copper	63-2	925.62	935.78	944.41	935.27	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121113.91	121737.56	123597.19	122149.56	1.06	ppb
Iron	57-2	120005.37	121530.46	124294.32	121943.38	1.78	ppb
Lead	206-1	499.29	522.84	503.93	508.69	2.45	ppb
Lead	207-1	498.94	520.31	507.28	508.85	2.12	ppb
Lead	208-1	500.11	520.03	505.44	508.53	2.03	ppb
Lithium	6-1						%
Magnesium	24-2	243582.22	244314.45	250475.17	246123.95	1.54	ppb
Manganese	55-2	978.80	991.23	1000.33	990.12	1.09	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:19:09	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.51	531.10	504.76	510.79	3.54	ppb
Molybdenum	95-1	502.96	535.27	507.54	515.26	3.39	ppb
Molybdenum	96-1	500.64	530.48	499.86	510.33	3.42	ppb
Molybdenum	97-1	475.08	514.52	492.57	494.06	4.00	ppb
Molybdenum	98-1	491.22	524.69	504.94	506.95	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.12	498.28	504.77	498.39	1.27	ppb
Phosphorus	31-2	10821.74	9669.48	9924.10	10138.44	5.97	ppb
Potassium	39-2	122777.00	125488.44	127435.56	125233.67	1.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	409.55	498.73	448.99	452.42	9.88	ppb
Selenium	78-2	519.76	477.45	500.39	499.20	4.24	ppb
Selenium	82-1	474.36	512.03	488.54	491.65	3.87	ppb
Silicon	28-1	492.94	548.89	506.82	516.22	5.64	ppb
Silver	109-1	492.40	518.87	495.12	502.13	2.90	ppb
Silver	107-1	491.90	517.05	498.43	502.46	2.60	ppb
Sodium	23-2	246942.08	248620.07	251167.12	248909.76	0.85	ppb
Strontium	86-1	495.92	526.18	505.17	509.09	3.05	ppb
Strontium	88-1	503.28	530.20	513.25	515.58	2.64	ppb
Sulfur	34-1	8496.02	10221.90	8573.05	9096.99	10.72	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.52	525.73	505.14	511.13	2.49	ppb
Thallium	205-1	495.73	520.94	502.94	506.54	2.56	ppb
Tin	118-1	493.15	526.43	512.68	510.75	3.27	ppb
Titanium	47-1	482.98	518.39	496.73	499.37	3.58	ppb
Uranium	238-1	499.32	524.20	503.78	509.10	2.61	ppb
Vanadium	51-2	490.33	499.68	508.06	499.36	1.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	937.84	947.41	969.46	951.57	1.70	ppb
Zirconium	90-1	489.26	525.99	499.56	504.93	3.75	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:19:09	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.79	511.14	498.53	501.49	1.71	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:22:09	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.75	2.67	-0.40	1.67	107.47	ppb
Antimony	121-1	0.22	0.23	0.25	0.23	7.48	ppb
Arsenic	75-2	0.02	0.04	-0.03	0.01	329.82	ppb
Barium	135-1	0.00	0.00	0.01	0.00	745.65	ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.16	0.22	0.15	0.18	21.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.70	19.83	20.84	20.79	4.50	ppb
Boron	11-1	20.79	20.44	20.41	20.55	1.03	ppb
Cadmium	111-1	0.05	0.00	-0.02	0.01	328.78	ppb
Cadmium	106-1	0.35	-0.30	-0.60	-0.18		ppb
Cadmium	108-1	-0.02	0.06	0.06	0.03	133.74	ppb
Calcium	43-1	-41.65	-47.74	-50.70	-46.70		ppb
Calcium	44-1	0.52	1.23	4.06	1.94	96.69	ppb
Chromium	52-2	-0.06	-0.03	0.03	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	755.34	ppb
Copper	63-2	0.08	0.10	0.10	0.09	13.33	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.37	1.17	0.97	1.17	16.73	ppb
Iron	57-2	2.19	-0.14	-0.98	0.36	460.80	ppb
Lead	206-1	0.14	0.13	0.16	0.15	8.85	ppb
Lead	207-1	0.19	0.17	0.18	0.18	5.96	ppb
Lead	208-1	0.15	0.15	0.17	0.16	4.75	ppb
Lithium	6-1						%
Magnesium	24-2	3.27	3.81	3.63	3.57	7.74	ppb
Manganese	55-2	0.08	0.04	-0.01	0.04	112.58	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:22:09	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.08	0.07	0.08	12.36	ppb
Molybdenum	95-1	0.16	0.16	0.14	0.15	8.49	ppb
Molybdenum	96-1	0.14	0.16	0.13	0.14	12.73	ppb
Molybdenum	97-1	0.15	0.12	0.13	0.13	15.37	ppb
Molybdenum	98-1	0.16	0.17	0.14	0.16	9.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.10	0.09	0.09	14.40	ppb
Phosphorus	31-2	-22.77	-22.77	-22.77	-22.77		ppb
Potassium	39-2	25.36	7.05	21.51	17.97	53.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	-0.83	0.07	-0.53		ppb
Selenium	82-1	0.66	-0.03	0.13	0.25	143.66	ppb
Silicon	28-1	-28.46	-20.99	-22.34	-23.93		ppb
Silver	109-1	0.05	0.05	0.04	0.05	12.17	ppb
Silver	107-1	0.03	0.04	0.05	0.04	18.09	ppb
Sodium	23-2	76.90	72.41	71.41	73.57	3.97	ppb
Strontium	86-1	0.00	-0.01	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	130.51	ppb
Sulfur	34-1	-524.71	79.80	118.68	-108.74		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.16	0.17	0.15	0.16	4.77	ppb
Thallium	205-1	0.15	0.15	0.16	0.15	3.70	ppb
Tin	118-1	0.04	0.02	0.03	0.03	33.34	ppb
Titanium	47-1	0.02	0.06	0.04	0.04	50.80	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	24.61	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.62	-0.60	-0.45	-0.56		ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	26.50	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:22:09	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.08	0.02	0.04	82.45	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:25:18	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.57	25.21	76.52	40.10	79.09	ppb
Antimony	121-1	1.91	1.94	2.15	2.00	6.60	ppb
Arsenic	75-2	1.01	0.82	3.45	1.76	83.34	ppb
Barium	135-1	8.98	8.95	10.38	9.44	8.67	ppb
Barium	137-1	8.94	9.10	10.96	9.67	11.61	ppb
Beryllium	9-1	0.95	0.95	1.19	1.03	13.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	33.42	30.08	39.04	34.18	13.25	ppb
Boron	11-1	32.06	31.46	38.29	33.94	11.15	ppb
Cadmium	111-1	0.96	0.92	1.06	0.98	7.53	ppb
Cadmium	106-1	1.99	0.28	1.74	1.34	68.91	ppb
Cadmium	108-1	0.95	0.98	1.36	1.10	21.14	ppb
Calcium	43-1	370.64	381.83	458.82	403.76	11.89	ppb
Calcium	44-1	423.63	423.39	500.31	449.11	9.87	ppb
Chromium	52-2	1.95	1.95	7.68	3.86	85.67	ppb
Cobalt	59-2	0.97	0.94	3.19	1.70	75.86	ppb
Copper	63-2	1.82	1.79	6.77	3.46	82.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.81	48.73	166.87	87.80	77.99	ppb
Iron	57-2	56.09	45.72	123.25	75.02	56.10	ppb
Lead	206-1	0.99	0.94	1.21	1.05	13.54	ppb
Lead	207-1	0.97	0.99	1.11	1.02	7.62	ppb
Lead	208-1	0.98	0.98	1.17	1.04	10.55	ppb
Lithium	6-1						%
Magnesium	24-2	459.08	480.29	1606.46	848.61	77.35	ppb
Manganese	55-2	0.87	1.03	3.27	1.72	77.76	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:25:18	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.04	1.91	2.23	2.06	7.86	ppb
Molybdenum	95-1	4.29	4.49	5.33	4.70	11.81	ppb
Molybdenum	96-1	3.77	3.80	4.32	3.96	7.90	ppb
Molybdenum	97-1	4.29	4.46	5.01	4.59	8.18	ppb
Molybdenum	98-1	4.44	4.33	5.03	4.60	8.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.23	4.44	2.24	84.88	ppb
Phosphorus	31-2	-22.77	-22.77	-22.77	-22.77		ppb
Potassium	39-2	487.03	474.21	1950.55	970.60	87.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.34	38.35	14.56	142.65	ppb
Selenium	78-2	2.78	6.34	8.82	5.98	50.83	ppb
Selenium	82-1	4.89	5.10	5.89	5.30	9.94	ppb
Silicon	28-1	-13.52	-14.89	9.84	-6.19		ppb
Silver	109-1	0.94	0.96	1.12	1.01	10.03	ppb
Silver	107-1	0.96	0.91	1.12	1.00	10.76	ppb
Sodium	23-2	536.76	540.70	1992.88	1023.45	82.03	ppb
Strontium	86-1	0.87	0.85	1.10	0.94	15.02	ppb
Strontium	88-1	0.90	0.92	1.04	0.96	8.06	ppb
Sulfur	34-1	-729.71	-632.91	1435.56	24.31	5030.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.99	1.00	1.22	1.07	12.24	ppb
Thallium	205-1	0.96	0.97	1.12	1.02	8.62	ppb
Tin	118-1	4.51	4.51	5.52	4.85	12.06	ppb
Titanium	47-1	4.41	4.42	4.61	4.48	2.53	ppb
Uranium	238-1	0.84	0.86	1.01	0.90	10.55	ppb
Vanadium	51-2	4.25	4.25	15.78	8.09	82.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.62	1.94	8.79	4.12	98.39	ppb
Zirconium	90-1	0.90	0.90	0.99	0.93	5.78	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:25:18	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.93	0.96	1.02	0.97	4.64	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103519BL	Instrumnet Name :	P8
Client Sample ID :	PB103519BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:31:22	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.63	-0.43	1.07	1.09	140.17	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	19.77	ppb
Arsenic	75-2	0.00	0.02	0.02	0.01	132.97	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.11	0.11	0.01	0.07	80.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.16	8.15	7.77	8.03	2.76	ppb
Boron	11-1	8.62	8.00	7.28	7.96	8.39	ppb
Cadmium	111-1	-0.13	-0.04	-0.06	-0.08		ppb
Cadmium	106-1	-1.89	-0.79	-0.95	-1.21		ppb
Cadmium	108-1	-0.09	-0.09	-0.02	-0.06		ppb
Calcium	43-1	-51.72	-42.71	-54.02	-49.48		ppb
Calcium	44-1	-0.89	-6.48	-5.84	-4.40		ppb
Chromium	52-2	-0.04	-0.06	-0.03	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.02	0.02	0.03	22.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.17	0.29	0.00	0.04	570.98	ppb
Iron	57-2	-0.18	-1.03	-2.85	-1.35		ppb
Lead	206-1	0.09	0.08	0.07	0.08	14.64	ppb
Lead	207-1	0.06	0.07	0.07	0.07	7.15	ppb
Lead	208-1	0.07	0.07	0.07	0.07	4.47	ppb
Lithium	6-1						%
Magnesium	24-2	0.86	0.59	0.20	0.55	60.15	ppb
Manganese	55-2	-0.04	0.01	0.01	-0.01		ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103519BL	Instrumnet Name :	P8
Client Sample ID :	PB103519BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:31:22	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.01	0.01	54.09	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	39.98	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	7.30	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	27.38	ppb
Molybdenum	98-1	0.02	0.03	0.04	0.03	27.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.00	-0.02		ppb
Phosphorus	31-2	-22.77	-22.77	-22.77	-22.77		ppb
Potassium	39-2	9.25	2.83	6.64	6.24	51.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	-0.83	-0.83	-0.83		ppb
Selenium	82-1	0.58	0.03	0.10	0.24	124.36	ppb
Silicon	28-1	-19.55	-25.17	-29.35	-24.69		ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.32	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.93	ppb
Sodium	23-2	45.88	44.38	41.94	44.07	4.52	ppb
Strontium	86-1	0.01	-0.05	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	642.03	81.91	-405.45	106.16	493.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.05	0.05	0.06	18.29	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	9.28	ppb
Tin	118-1	-0.04	0.00	-0.03	-0.02		ppb
Titanium	47-1	-0.07	-0.01	-0.08	-0.06		ppb
Uranium	238-1	0.01	0.01	0.00	0.01	30.99	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.49	-0.51	-0.50	-0.50		ppb
Zirconium	90-1	-0.01	0.01	0.01	0.01	166.58	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103519BL	Instrumnet Name :	P8
Client Sample ID :	PB103519BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:31:22	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	0.02	0.01	129.56	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103519BS	Instrumnet Name :	P8
Client Sample ID :	PB103519BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:34:30	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.18	-0.44	1.10	0.61	149.55	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	12.48	ppb
Arsenic	75-2	-0.03	0.02	0.04	0.01	354.30	ppb
Barium	135-1	0.02	0.01	0.02	0.02	33.90	ppb
Barium	137-1	0.00	0.01	0.01	0.01	138.58	ppb
Beryllium	9-1	0.06	0.03	0.04	0.05	33.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.11	6.38	7.48	7.32	11.89	ppb
Boron	11-1	6.62	5.79	5.92	6.11	7.24	ppb
Cadmium	111-1	-0.01	-0.07	-0.03	-0.04		ppb
Cadmium	106-1	-0.28	-1.32	-0.59	-0.73		ppb
Cadmium	108-1	-0.09	-0.09	0.01	-0.05		ppb
Calcium	43-1	-55.10	-42.29	-43.08	-46.82		ppb
Calcium	44-1	-11.75	-9.38	-7.58	-9.57		ppb
Chromium	52-2	-0.29	-0.27	-0.27	-0.28		ppb
Cobalt	59-2	0.02	0.00	0.02	0.01	105.97	ppb
Copper	63-2	0.01	0.02	0.02	0.01	28.59	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.11	0.02	0.03	-0.02		ppb
Iron	57-2	-0.99	-1.50	-1.06	-1.18		ppb
Lead	206-1	485.80	483.51	486.36	485.22	0.31	ppb
Lead	207-1	490.73	493.67	492.97	492.46	0.31	ppb
Lead	208-1	488.56	489.58	492.75	490.29	0.45	ppb
Lithium	6-1						%
Magnesium	24-2	0.00	1.52	0.87	0.80	95.51	ppb
Manganese	55-2	0.06	0.01	0.02	0.03	86.84	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103519BS	Instrumnet Name :	P8
Client Sample ID :	PB103519BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:34:30	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.02	0.01	26.32	ppb
Molybdenum	95-1	0.02	0.03	0.04	0.03	21.57	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.04	16.97	ppb
Molybdenum	97-1	0.03	0.00	0.05	0.03	95.35	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	19.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.07	0.01	-0.01		ppb
Phosphorus	31-2	-22.77	-22.77	-0.61	-15.38		ppb
Potassium	39-2	-10.24	0.30	15.79	1.95	671.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	-0.83	0.96	-0.23		ppb
Selenium	82-1	0.83	0.75	0.73	0.77	7.11	ppb
Silicon	28-1	-31.21	-30.54	-30.84	-30.87		ppb
Silver	109-1	0.02	0.02	0.01	0.01	30.78	ppb
Silver	107-1	0.01	0.02	0.01	0.01	59.58	ppb
Sodium	23-2	34.80	40.25	31.73	35.59	12.12	ppb
Strontium	86-1	-0.05	-0.02	-0.06	-0.04		ppb
Strontium	88-1	-0.01	0.00	-0.01	-0.01		ppb
Sulfur	34-1	-417.19	-717.57	-357.16	-497.31		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.04	0.05	0.05	5.98	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	6.40	ppb
Tin	118-1	-0.06	-0.02	-0.06	-0.05		ppb
Titanium	47-1	-0.09	0.01	-0.07	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	57.10	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.53	-0.66	-0.63	-0.61		ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	24.03	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103519BS	Instrumnet Name :	P8
Client Sample ID :	PB103519BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:34:30	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.05	0.03	42.79	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-01 Instrumnet Name : P8
 Client Sample ID : XADP-37-FL2-KI-W2-F1- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:37:38 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.41	16.96	26.00	22.46	21.49	ppb
Antimony	121-1	0.09	0.07	0.08	0.08	8.08	ppb
Arsenic	75-2	0.18	0.36	0.26	0.27	34.06	ppb
Barium	135-1	11.96	12.26	12.65	12.29	2.80	ppb
Barium	137-1	12.43	12.54	12.22	12.40	1.32	ppb
Beryllium	9-1	0.03	0.02	0.05	0.03	45.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	17.45	16.40	17.85	17.24	4.36	ppb
Boron	11-1	16.21	16.85	16.93	16.66	2.38	ppb
Cadmium	111-1	-0.09	0.00	-0.01	-0.03		ppb
Cadmium	106-1	-1.43	-0.31	-0.24	-0.66		ppb
Cadmium	108-1	0.13	0.07	0.23	0.14	55.45	ppb
Calcium	43-1	5633.08	5721.16	5827.63	5727.29	1.70	ppb
Calcium	44-1	5889.60	5936.52	6022.55	5949.56	1.13	ppb
Chromium	52-2	-0.25	-0.05	-0.19	-0.17		ppb
Cobalt	59-2	0.25	0.20	0.25	0.23	11.35	ppb
Copper	63-2	165.55	153.39	155.01	157.99	4.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	68.47	63.73	67.29	66.50	3.71	ppb
Iron	57-2	66.68	53.52	57.12	59.11	11.50	ppb
Lead	206-1	1.28	1.29	1.33	1.30	1.93	ppb
Lead	207-1	1.22	1.21	1.26	1.23	2.40	ppb
Lead	208-1	1.25	1.25	1.29	1.26	1.62	ppb
Lithium	6-1						%
Magnesium	24-2	1903.86	1804.32	1793.14	1833.77	3.32	ppb
Manganese	55-2	12.87	12.09	12.33	12.43	3.20	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-01	Instrumnet Name :	P8
Client Sample ID :	XADP-37-FL2-KI-W2-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:37:38	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.04	0.05	12.26	ppb
Molybdenum	95-1	0.04	0.06	0.06	0.05	19.02	ppb
Molybdenum	96-1	0.07	0.05	0.06	0.06	20.31	ppb
Molybdenum	97-1	0.04	0.05	0.03	0.04	19.69	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	13.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.83	1.52	1.69	1.68	9.01	ppb
Phosphorus	31-2	602.84	564.51	613.24	593.53	4.32	ppb
Potassium	39-2	522.86	467.82	477.93	489.54	5.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	4.96	1.65	173.21	ppb
Selenium	78-2	0.07	0.02	0.01	0.03	109.83	ppb
Selenium	82-1	0.40	0.52	0.94	0.62	45.76	ppb
Silicon	28-1	981.50	995.07	994.84	990.47	0.78	ppb
Silver	109-1	0.02	0.02	0.02	0.02	17.74	ppb
Silver	107-1	0.01	0.02	0.03	0.02	30.13	ppb
Sodium	23-2	11211.41	10393.87	10427.89	10677.72	4.33	ppb
Strontium	86-1	18.83	19.16	18.49	18.83	1.80	ppb
Strontium	88-1	19.55	19.60	19.48	19.54	0.31	ppb
Sulfur	34-1	-440.35	-404.66	-147.82	-330.94		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.05	0.03	0.04	18.04	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	8.13	ppb
Tin	118-1	-0.02	-0.01	-0.03	-0.02		ppb
Titanium	47-1	0.29	0.36	0.32	0.33	10.87	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.89	ppb
Vanadium	51-2	0.08	0.04	0.08	0.07	38.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	336.01	315.86	317.45	323.11	3.47	ppb
Zirconium	90-1	0.06	0.07	0.07	0.07	6.74	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-01	Instrumnet Name :	P8
Client Sample ID :	XADP-37-FL2-KI-W2-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:37:38	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.05	0.08	0.07	19.86	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-02 Instrumnet Name : P8
 Client Sample ID : XADP-38-FL2-KI-W2-F1- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:40:44 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.35	18.80	17.52	15.89	25.09	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	12.84	ppb
Arsenic	75-2	0.28	0.40	0.23	0.31	29.45	ppb
Barium	135-1	13.14	12.67	12.81	12.87	1.88	ppb
Barium	137-1	12.65	13.01	12.97	12.87	1.53	ppb
Beryllium	9-1	0.04	0.06	0.03	0.04	31.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.50	7.23	8.68	8.14	9.66	ppb
Boron	11-1	8.23	8.55	9.32	8.70	6.41	ppb
Cadmium	111-1	-0.06	-0.02	-0.02	-0.04		ppb
Cadmium	106-1	-1.07	-0.48	-0.40	-0.65		ppb
Cadmium	108-1	-0.02	-0.02	-0.02	-0.02		ppb
Calcium	43-1	5911.32	5889.62	5907.52	5902.82	0.20	ppb
Calcium	44-1	6212.44	6106.65	6049.06	6122.72	1.35	ppb
Chromium	52-2	-0.11	-0.21	-0.21	-0.17		ppb
Cobalt	59-2	0.01	0.01	-0.01	0.00	276.65	ppb
Copper	63-2	189.52	188.92	191.99	190.14	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.04	19.05	20.45	20.18	5.05	ppb
Iron	57-2	12.96	25.01	18.38	18.78	32.14	ppb
Lead	206-1	0.26	0.29	0.26	0.27	6.70	ppb
Lead	207-1	0.25	0.26	0.23	0.24	5.17	ppb
Lead	208-1	0.26	0.27	0.26	0.26	3.27	ppb
Lithium	6-1						%
Magnesium	24-2	1180.57	1164.02	1159.80	1168.13	0.94	ppb
Manganese	55-2	12.34	11.34	11.32	11.66	4.98	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-02	Instrumnet Name :	P8
Client Sample ID :	XADP-38-FL2-KI-W2-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:40:44	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.04	0.04	34.95	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.05	16.56	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.04	7.69	ppb
Molybdenum	97-1	0.04	0.01	0.01	0.02	77.47	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.05	12.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.19	0.31	0.26	24.23	ppb
Phosphorus	31-2	488.88	554.26	625.17	556.10	12.26	ppb
Potassium	39-2	492.98	505.02	504.34	500.78	1.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.02	0.00	5.05	3.35	86.60	ppb
Selenium	78-2	-0.83	0.02	0.02	-0.26		ppb
Selenium	82-1	0.57	0.87	0.68	0.71	21.19	ppb
Silicon	28-1	983.34	984.26	982.55	983.38	0.09	ppb
Silver	109-1	0.01	0.02	0.02	0.02	27.83	ppb
Silver	107-1	0.02	0.01	0.01	0.01	30.39	ppb
Sodium	23-2	10463.03	10403.37	10515.69	10460.70	0.54	ppb
Strontium	86-1	19.12	18.92	19.00	19.01	0.53	ppb
Strontium	88-1	19.55	19.38	19.44	19.45	0.45	ppb
Sulfur	34-1	-334.57	-375.07	-506.17	-405.27		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.05	0.03	0.04	27.16	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	20.24	ppb
Tin	118-1	-0.02	-0.02	-0.01	-0.02		ppb
Titanium	47-1	0.18	0.10	0.26	0.18	44.67	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	23.29	ppb
Vanadium	51-2	0.07	0.07	0.05	0.07	19.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	46.89	50.61	47.99	48.50	3.94	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	9.82	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-02	Instrumnet Name :	P8
Client Sample ID :	XADP-38-FL2-KI-W2-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:40:44	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	0.04	0.04	38.21	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-03 Instrumnet Name : P8
 Client Sample ID : XADP-39-FL2-BRC-W3-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:43:52 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.56	3.76	6.63	6.65	43.60	ppb
Antimony	121-1	0.06	0.08	0.06	0.07	21.26	ppb
Arsenic	75-2	0.24	0.41	0.35	0.34	25.98	ppb
Barium	135-1	14.28	15.19	17.46	15.64	10.47	ppb
Barium	137-1	14.88	15.04	16.63	15.51	6.23	ppb
Beryllium	9-1	0.03	-0.01	0.06	0.03	121.24	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.07	6.80	8.62	7.83	11.94	ppb
Boron	11-1	7.55	8.19	8.67	8.14	6.93	ppb
Cadmium	111-1	-0.09	0.01	0.03	-0.02		ppb
Cadmium	106-1	-1.53	0.10	-0.07	-0.50		ppb
Cadmium	108-1	0.23	0.26	0.20	0.23	13.99	ppb
Calcium	43-1	5767.97	5652.59	6564.82	5995.12	8.29	ppb
Calcium	44-1	5857.98	5815.95	6778.56	6150.83	8.84	ppb
Chromium	52-2	-0.30	-0.31	-0.29	-0.30		ppb
Cobalt	59-2	-0.01	0.00	0.00	-0.01		ppb
Copper	63-2	238.83	235.79	235.12	236.58	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.85	12.07	11.66	12.19	4.97	ppb
Iron	57-2	13.36	11.22	13.69	12.76	10.53	ppb
Lead	206-1	0.67	0.73	0.81	0.74	9.39	ppb
Lead	207-1	0.61	0.69	0.70	0.67	7.40	ppb
Lead	208-1	0.67	0.70	0.77	0.71	6.93	ppb
Lithium	6-1						%
Magnesium	24-2	1152.59	1105.85	1122.45	1126.96	2.10	ppb
Manganese	55-2	5.20	5.31	4.96	5.16	3.48	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-03	Instrumnet Name :	P8
Client Sample ID :	XADP-39-FL2-BRC-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:43:52	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.03	0.03	0.04	34.82	ppb
Molybdenum	95-1	0.04	0.06	0.06	0.05	16.81	ppb
Molybdenum	96-1	0.03	0.03	0.05	0.04	27.52	ppb
Molybdenum	97-1	0.04	0.05	0.03	0.04	32.98	ppb
Molybdenum	98-1	0.04	0.05	0.04	0.04	10.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.99	2.95	3.03	2.99	1.26	ppb
Phosphorus	31-2	579.62	763.26	307.79	550.22	41.65	ppb
Potassium	39-2	459.60	456.45	483.78	466.61	3.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	4.91	1.64	173.21	ppb
Selenium	78-2	0.00	1.66	0.82	0.83	100.29	ppb
Selenium	82-1	0.34	0.62	0.10	0.36	73.76	ppb
Silicon	28-1	964.46	963.09	1108.52	1012.02	8.26	ppb
Silver	109-1	0.02	0.02	0.03	0.02	20.78	ppb
Silver	107-1	0.02	0.02	0.02	0.02	1.14	ppb
Sodium	23-2	10500.33	10366.01	10328.05	10398.13	0.87	ppb
Strontium	86-1	19.22	18.91	21.69	19.94	7.63	ppb
Strontium	88-1	19.11	19.11	21.97	20.06	8.24	ppb
Sulfur	34-1	-729.52	-680.66	1296.27	-37.97		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.03	0.03	12.87	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.31	ppb
Tin	118-1	-0.03	-0.03	-0.04	-0.03		ppb
Titanium	47-1	0.09	0.16	0.22	0.16	40.95	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	42.56	ppb
Vanadium	51-2	0.07	0.08	0.05	0.07	22.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	588.30	592.24	592.53	591.03	0.40	ppb
Zirconium	90-1	0.03	0.01	0.03	0.02	45.34	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-03	Instrumnet Name :	P8
Client Sample ID :	XADP-39-FL2-BRC-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:43:52	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.06	0.03	57.34	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-04	Instrumnet Name :	P8
Client Sample ID :	XADP-40-FL2-BRC-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:46:59	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.84	3.98	9.80	5.87	57.93	ppb
Antimony	121-1	0.06	0.05	0.06	0.06	14.22	ppb
Arsenic	75-2	0.26	0.40	0.23	0.30	30.96	ppb
Barium	135-1	14.25	14.46	14.40	14.37	0.78	ppb
Barium	137-1	14.45	14.31	14.36	14.37	0.50	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	204.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.52	7.89	7.14	7.85	8.80	ppb
Boron	11-1	7.20	7.70	6.98	7.29	5.11	ppb
Cadmium	111-1	-0.07	0.02	-0.05	-0.03		ppb
Cadmium	106-1	-1.10	0.16	-0.74	-0.56		ppb
Cadmium	108-1	0.04	0.07	0.14	0.08	60.43	ppb
Calcium	43-1	5744.38	5775.87	5645.37	5721.87	1.19	ppb
Calcium	44-1	5997.70	6002.87	5909.67	5970.08	0.88	ppb
Chromium	52-2	-0.19	-0.23	-0.26	-0.23		ppb
Cobalt	59-2	0.00	0.00	-0.02	-0.01		ppb
Copper	63-2	286.37	290.61	285.13	287.37	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	10.70	11.48	10.58	10.92	4.49	ppb
Iron	57-2	7.22	11.34	12.87	10.48	27.91	ppb
Lead	206-1	0.28	0.25	0.25	0.26	5.73	ppb
Lead	207-1	0.23	0.20	0.24	0.22	8.46	ppb
Lead	208-1	0.25	0.24	0.26	0.25	2.81	ppb
Lithium	6-1						%
Magnesium	24-2	1101.53	1131.03	1140.06	1124.21	1.79	ppb
Manganese	55-2	5.53	5.90	5.02	5.48	8.10	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-04	Instrumnet Name :	P8
Client Sample ID :	XADP-40-FL2-BRC-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:46:59	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.02	0.03	14.31	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.03	9.55	ppb
Molybdenum	96-1	0.06	0.04	0.05	0.05	15.74	ppb
Molybdenum	97-1	0.01	0.03	0.03	0.02	48.08	ppb
Molybdenum	98-1	0.03	0.05	0.05	0.04	26.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.68	1.73	1.69	1.70	1.46	ppb
Phosphorus	31-2	669.51	470.57	380.18	506.76	29.21	ppb
Potassium	39-2	487.84	457.42	445.53	463.60	4.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.04	1.68	173.21	ppb
Selenium	78-2	0.01	1.71	0.02	0.58	169.26	ppb
Selenium	82-1	0.86	0.77	0.08	0.57	74.90	ppb
Silicon	28-1	961.83	956.19	931.87	949.97	1.68	ppb
Silver	109-1	0.02	0.02	0.03	0.03	11.04	ppb
Silver	107-1	0.03	0.03	0.02	0.03	3.62	ppb
Sodium	23-2	10589.53	10697.07	10382.32	10556.30	1.52	ppb
Strontium	86-1	18.89	19.18	18.50	18.86	1.82	ppb
Strontium	88-1	19.61	19.41	19.06	19.36	1.43	ppb
Sulfur	34-1	-312.15	-292.62	-610.02	-404.93		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.02	0.04	0.03	37.19	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	10.12	ppb
Tin	118-1	-0.02	-0.04	-0.05	-0.04		ppb
Titanium	47-1	0.14	0.20	0.21	0.18	18.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.22	ppb
Vanadium	51-2	0.09	0.04	0.08	0.07	38.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	331.04	336.41	329.03	332.16	1.15	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	29.39	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-04	Instrumnet Name :	P8
Client Sample ID :	XADP-40-FL2-BRC-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:46:59	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.03	0.02	42.58	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-05 Instrumnet Name : P8
 Client Sample ID : XADP-41-FL3-C213-BR-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:50:06 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.64	10.17	7.32	10.05	26.53	ppb
Antimony	121-1	0.04	0.06	0.05	0.05	18.91	ppb
Arsenic	75-2	0.41	0.16	0.22	0.26	50.56	ppb
Barium	135-1	13.16	15.21	13.56	13.98	7.77	ppb
Barium	137-1	13.62	15.57	13.50	14.23	8.18	ppb
Beryllium	9-1	0.03	0.00	0.03	0.02	72.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.60	7.34	7.57	7.50	1.92	ppb
Boron	11-1	7.23	8.06	8.74	8.01	9.41	ppb
Cadmium	111-1	-0.01	-0.16	-0.03	-0.07		ppb
Cadmium	106-1	-0.06	-2.30	-0.43	-0.93		ppb
Cadmium	108-1	0.04	0.28	0.20	0.18	69.44	ppb
Calcium	43-1	5969.63	6746.56	6045.61	6253.93	6.85	ppb
Calcium	44-1	6242.15	7098.73	6261.17	6534.02	7.49	ppb
Chromium	52-2	-0.21	-0.15	-0.21	-0.19		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	14.50	ppb
Copper	63-2	171.57	166.09	166.69	168.12	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.91	12.83	13.15	12.97	1.29	ppb
Iron	57-2	12.71	12.08	13.29	12.69	4.80	ppb
Lead	206-1	0.43	0.47	0.40	0.43	8.20	ppb
Lead	207-1	0.35	0.44	0.38	0.39	12.02	ppb
Lead	208-1	0.39	0.47	0.40	0.42	10.91	ppb
Lithium	6-1						%
Magnesium	24-2	1197.78	1118.11	1161.60	1159.16	3.44	ppb
Manganese	55-2	9.56	9.83	9.93	9.77	1.95	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-05	Instrumnet Name :	P8
Client Sample ID :	XADP-41-FL3-C213-BR-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:50:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.04	0.03	0.03	62.22	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.05	20.37	ppb
Molybdenum	96-1	0.03	0.05	0.06	0.05	30.72	ppb
Molybdenum	97-1	0.02	0.07	0.03	0.04	62.99	ppb
Molybdenum	98-1	0.04	0.05	0.03	0.04	21.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.34	12.27	11.99	12.20	1.53	ppb
Phosphorus	31-2	398.36	567.86	490.61	485.61	17.47	ppb
Potassium	39-2	535.47	450.70	467.81	484.66	9.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	0.05	0.07	-0.23		ppb
Selenium	82-1	0.19	0.99	0.23	0.47	95.28	ppb
Silicon	28-1	976.66	1151.63	1011.60	1046.63	8.85	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.25	ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.37	ppb
Sodium	23-2	10710.73	10361.23	10450.97	10507.64	1.73	ppb
Strontium	86-1	20.12	22.70	20.37	21.07	6.76	ppb
Strontium	88-1	20.53	23.07	20.40	21.33	7.05	ppb
Sulfur	34-1	-53.01	1800.16	785.73	844.29	109.91	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.05	0.02	0.04	33.61	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	15.28	ppb
Tin	118-1	0.13	0.19	0.11	0.14	29.87	ppb
Titanium	47-1	0.28	0.34	0.17	0.26	33.48	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.21	ppb
Vanadium	51-2	0.05	0.04	0.05	0.05	14.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	387.22	376.82	382.72	382.26	1.36	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	38.50	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-05	Instrumnet Name :	P8
Client Sample ID :	XADP-41-FL3-C213-BR-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:50:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.02	0.04	0.04	48.05	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-06 Instrumnet Name : P8
 Client Sample ID : XADP-42-FL3-C213-BR-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:53:14 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.53	7.12	5.54	6.06	15.08	ppb
Antimony	121-1	0.06	0.05	0.06	0.06	15.04	ppb
Arsenic	75-2	0.62	0.28	0.32	0.41	46.91	ppb
Barium	135-1	12.90	13.63	13.99	13.51	4.14	ppb
Barium	137-1	13.40	13.55	13.24	13.40	1.14	ppb
Beryllium	9-1	0.03	-0.01	0.01	0.01	235.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.45	6.88	8.13	6.82	19.62	ppb
Boron	11-1	6.62	6.80	6.25	6.56	4.32	ppb
Cadmium	111-1	-0.10	-0.06	-0.10	-0.09		ppb
Cadmium	106-1	-1.42	-1.07	-1.53	-1.34		ppb
Cadmium	108-1	-0.05	-0.02	-0.06	-0.04		ppb
Calcium	43-1	5965.64	6003.60	5970.40	5979.88	0.35	ppb
Calcium	44-1	6175.79	6304.38	6167.88	6216.02	1.23	ppb
Chromium	52-2	-0.24	-0.14	-0.21	-0.20		ppb
Cobalt	59-2	-0.01	0.01	-0.01	0.00		ppb
Copper	63-2	173.97	174.56	173.48	174.00	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.75	15.25	13.69	14.56	5.46	ppb
Iron	57-2	16.24	12.05	14.52	14.27	14.79	ppb
Lead	206-1	1.11	0.94	1.01	1.02	8.42	ppb
Lead	207-1	0.95	1.02	0.97	0.98	3.76	ppb
Lead	208-1	1.01	0.99	0.98	0.99	1.39	ppb
Lithium	6-1						%
Magnesium	24-2	1157.60	1159.15	1140.59	1152.45	0.89	ppb
Manganese	55-2	9.84	9.41	9.80	9.68	2.47	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-06	Instrumnet Name :	P8
Client Sample ID :	XADP-42-FL3-C213-BR-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:53:14	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.02	0.02	28.88	ppb
Molybdenum	95-1	0.06	0.05	0.05	0.06	14.49	ppb
Molybdenum	96-1	0.03	0.04	0.04	0.04	17.70	ppb
Molybdenum	97-1	0.00	0.04	0.03	0.02	80.07	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	8.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.83	6.80	6.59	6.74	1.90	ppb
Phosphorus	31-2	518.02	501.19	799.85	606.35	27.67	ppb
Potassium	39-2	495.43	448.92	479.83	474.73	4.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	-0.83	-0.83	-0.83		ppb
Selenium	82-1	0.39	0.96	0.26	0.54	69.21	ppb
Silicon	28-1	1001.31	990.20	1024.29	1005.26	1.73	ppb
Silver	109-1	0.01	0.02	0.01	0.01	70.90	ppb
Silver	107-1	0.02	0.02	0.01	0.02	11.50	ppb
Sodium	23-2	10451.65	10477.52	10445.40	10458.19	0.16	ppb
Strontium	86-1	19.97	19.88	20.22	20.02	0.89	ppb
Strontium	88-1	20.68	20.37	20.35	20.46	0.90	ppb
Sulfur	34-1	518.79	119.65	33.79	224.08	115.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.02	0.03	28.29	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	13.28	ppb
Tin	118-1	0.04	0.03	0.01	0.02	55.29	ppb
Titanium	47-1	0.26	0.25	0.50	0.34	43.36	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	27.13	ppb
Vanadium	51-2	0.01	0.11	0.03	0.05	100.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	71.54	70.01	71.01	70.85	1.10	ppb
Zirconium	90-1	0.02	0.01	0.01	0.02	48.52	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-06	Instrumnet Name :	P8
Client Sample ID :	XADP-42-FL3-C213-BR-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:53:14	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.04	0.02	64.04	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-07 Instrumnet Name : P8
 Client Sample ID : XADP-43-FL3-KI-W3-F1- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:56:21 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.33	7.07	11.54	7.98	40.15	ppb
Antimony	121-1	0.06	0.05	0.04	0.05	12.52	ppb
Arsenic	75-2	0.41	0.35	0.19	0.32	35.68	ppb
Barium	135-1	13.63	13.86	12.98	13.49	3.39	ppb
Barium	137-1	13.55	13.71	13.64	13.63	0.57	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	15.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.83	7.54	7.98	7.78	2.85	ppb
Boron	11-1	7.91	8.08	8.22	8.07	1.94	ppb
Cadmium	111-1	0.02	-0.01	0.06	0.02	140.60	ppb
Cadmium	106-1	-0.29	-0.77	0.06	-0.33		ppb
Cadmium	108-1	0.24	0.31	0.24	0.26	15.81	ppb
Calcium	43-1	5688.03	5878.75	5840.96	5802.58	1.74	ppb
Calcium	44-1	6046.22	6151.35	6091.03	6096.20	0.87	ppb
Chromium	52-2	-0.23	-0.28	-0.22	-0.24		ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	158.79	ppb
Copper	63-2	816.46	844.02	841.87	834.12	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	16.80	18.08	16.80	17.23	4.30	ppb
Iron	57-2	16.12	15.45	16.23	15.94	2.66	ppb
Lead	206-1	2.09	2.13	2.03	2.08	2.30	ppb
Lead	207-1	1.81	1.91	1.82	1.85	3.05	ppb
Lead	208-1	1.97	2.01	1.96	1.98	1.34	ppb
Lithium	6-1						%
Magnesium	24-2	1265.78	1362.20	1291.62	1306.53	3.82	ppb
Manganese	55-2	12.30	13.15	12.13	12.53	4.37	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-07 Instrumnet Name : P8
 Client Sample ID : XADP-43-FL3-KI-W3-F1- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:56:21 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.02	11.76	ppb
Molybdenum	95-1	0.05	0.04	0.07	0.05	26.21	ppb
Molybdenum	96-1	0.05	0.04	0.05	0.04	17.34	ppb
Molybdenum	97-1	0.01	0.02	0.02	0.02	32.04	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	17.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.65	0.76	0.72	8.53	ppb
Phosphorus	31-2	713.75	693.97	669.14	692.29	3.23	ppb
Potassium	39-2	467.77	491.99	495.70	485.15	3.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.04	-0.83	-0.83	-0.54		ppb
Selenium	82-1	0.67	0.28	0.83	0.59	47.96	ppb
Silicon	28-1	949.71	957.95	973.73	960.47	1.27	ppb
Silver	109-1	0.01	0.01	0.01	0.01	2.92	ppb
Silver	107-1	0.02	0.01	0.02	0.01	46.77	ppb
Sodium	23-2	10188.35	10570.91	10533.04	10430.77	2.02	ppb
Strontium	86-1	19.29	20.00	19.04	19.44	2.55	ppb
Strontium	88-1	19.98	20.10	20.00	20.02	0.34	ppb
Sulfur	34-1	-429.67	-334.55	-417.76	-393.99		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.03	0.03	17.57	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	20.33	ppb
Tin	118-1	-0.03	-0.02	-0.05	-0.03		ppb
Titanium	47-1	0.15	0.12	0.35	0.21	62.01	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.51	ppb
Vanadium	51-2	0.06	0.04	0.03	0.04	39.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	485.50	501.22	508.91	498.54	2.39	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	5.32	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-07	Instrumnet Name :	P8
Client Sample ID :	XADP-43-FL3-KI-W3-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:56:21	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.04	0.03	14.44	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:59:28	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.94	-0.42	-1.99	1.18	356.80	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	17.36	ppb
Arsenic	75-2	0.00	0.00	-0.03	-0.01		ppb
Barium	135-1	0.00	0.00	0.01	0.00	373.17	ppb
Barium	137-1	0.00	0.02	0.01	0.01	133.25	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	45.62	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.02	3.03	3.02	3.02	0.25	ppb
Boron	11-1	2.49	2.83	2.64	2.66	6.40	ppb
Cadmium	111-1	-0.12	-0.09	-0.09	-0.10		ppb
Cadmium	106-1	-1.82	-1.30	-1.32	-1.48		ppb
Cadmium	108-1	0.08	-0.02	-0.02	0.02	379.69	ppb
Calcium	43-1	-65.07	-43.82	-55.72	-54.87		ppb
Calcium	44-1	-10.21	-6.88	-11.00	-9.36		ppb
Chromium	52-2	-0.23	-0.27	-0.25	-0.25		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.06	0.01	0.00	0.02	142.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.41	-0.29	-0.39	-0.36		ppb
Iron	57-2	-1.90	-1.02	-1.01	-1.31		ppb
Lead	206-1	490.77	515.75	492.90	499.80	2.77	ppb
Lead	207-1	494.34	516.13	496.63	502.37	2.38	ppb
Lead	208-1	493.82	517.98	492.96	501.58	2.83	ppb
Lithium	6-1						%
Magnesium	24-2	2.31	-0.69	1.27	0.97	157.79	ppb
Manganese	55-2	0.06	-0.01	-0.01	0.02	257.90	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:59:28	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.01	0.01	0.00	300.86	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	76.28	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	104.53	ppb
Molybdenum	97-1	0.01	-0.01	0.02	0.01	201.45	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	169.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.01	0.02	0.03	90.10	ppb
Phosphorus	31-2	-22.77	-22.77	-22.77	-22.77		ppb
Potassium	39-2	4.59	-19.43	8.46	-2.13		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.85	-0.83	0.95	0.66	206.74	ppb
Selenium	82-1	0.16	0.37	0.85	0.46	76.27	ppb
Silicon	28-1	-27.60	-23.12	-28.83	-26.52		ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.27	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.16	ppb
Sodium	23-2	26.88	28.94	33.59	29.80	11.54	ppb
Strontium	86-1	-0.06	0.00	-0.07	-0.04		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-593.13	-6.78	-602.72	-400.88		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.04	0.03	0.03	19.36	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.95	ppb
Tin	118-1	-0.07	-0.04	-0.05	-0.05		ppb
Titanium	47-1	-0.04	-0.06	0.01	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	146.32	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	258.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.81	-0.73	-0.57	-0.70		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	155.67	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:59:28	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	10.20	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:02:36	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	6.00	2.64	3.23	77.82	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	54.64	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00	2147.63	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.01	0.04	0.03	57.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.05	2.30	2.27	2.21	6.07	ppb
Boron	11-1	2.40	1.66	2.30	2.12	18.93	ppb
Cadmium	111-1	0.01	-0.08	-0.08	-0.05		ppb
Cadmium	106-1	0.23	-1.01	-1.14	-0.64		ppb
Cadmium	108-1	0.05	0.05	0.02	0.04	44.80	ppb
Calcium	43-1	-48.29	-54.89	-68.30	-57.16		ppb
Calcium	44-1	-11.08	-9.12	-8.78	-9.66		ppb
Chromium	52-2	-0.08	0.02	0.00	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	0.02	0.04	0.03	40.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.76	-0.27	-0.19	-0.41		ppb
Iron	57-2	0.68	-0.96	-2.39	-0.89		ppb
Lead	206-1	0.09	0.11	0.08	0.09	13.60	ppb
Lead	207-1	0.10	0.10	0.10	0.10	2.01	ppb
Lead	208-1	0.10	0.10	0.10	0.10	4.77	ppb
Lithium	6-1						%
Magnesium	24-2	0.19	-0.30	-1.37	-0.49		ppb
Manganese	55-2	-0.02	0.04	-0.01	0.00	1000.76	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:02:36	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.01	0.00	0.00	679.88	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.00	115.85	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	178.09	ppb
Molybdenum	97-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.04	-0.03	-0.02		ppb
Phosphorus	31-2	43.12	-22.77	-22.77	-0.80		ppb
Potassium	39-2	-25.81	-30.03	1.28	-18.18		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	0.07	0.07	-0.23		ppb
Selenium	82-1	-0.14	0.67	0.27	0.27	152.68	ppb
Silicon	28-1	-29.16	-31.48	-26.69	-29.11		ppb
Silver	109-1	0.00	0.01	0.01	0.01	36.10	ppb
Silver	107-1	0.00	0.00	0.00	0.00	33.28	ppb
Sodium	23-2	26.12	36.76	25.85	29.57	21.03	ppb
Strontium	86-1	-0.03	-0.01	-0.11	-0.05		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-513.82	-413.01	128.98	-265.95		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.01	0.03	0.02	52.01	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.42	ppb
Tin	118-1	-0.03	-0.02	-0.04	-0.03		ppb
Titanium	47-1	-0.07	-0.06	-0.08	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	56.53	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.01	0.04	0.14	0.05	139.99	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	135.01	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:02:36	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.02	0.01	62.44	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-08 Instrumnet Name : P8
 Client Sample ID : XADP-44-FL3-KI-W3-F1- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:05:45 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.57	20.33	20.48	21.79	11.05	ppb
Antimony	121-1	0.07	0.08	0.06	0.07	9.86	ppb
Arsenic	75-2	0.19	0.23	0.41	0.28	43.18	ppb
Barium	135-1	13.44	15.04	14.10	14.19	5.69	ppb
Barium	137-1	13.66	15.07	13.71	14.15	5.65	ppb
Beryllium	9-1	-0.01	0.04	-0.02	0.00	858.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.51	19.87	18.91	19.10	3.65	ppb
Boron	11-1	15.66	18.24	17.94	17.28	8.15	ppb
Cadmium	111-1	-0.05	0.00	-0.08	-0.04		ppb
Cadmium	106-1	-1.18	-0.19	-1.02	-0.80		ppb
Cadmium	108-1	0.01	-0.02	0.20	0.06	188.28	ppb
Calcium	43-1	5998.59	6387.48	5933.83	6106.63	4.02	ppb
Calcium	44-1	6165.81	6713.33	6242.56	6373.90	4.65	ppb
Chromium	52-2	-0.16	-0.22	-0.21	-0.20		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	135.29	135.28	135.04	135.20	0.11	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	16.43	14.32	15.42	15.39	6.84	ppb
Iron	57-2	16.30	12.60	10.55	13.15	22.18	ppb
Lead	206-1	0.35	0.37	0.40	0.37	6.10	ppb
Lead	207-1	0.35	0.36	0.33	0.35	4.73	ppb
Lead	208-1	0.36	0.37	0.36	0.36	1.42	ppb
Lithium	6-1						%
Magnesium	24-2	2564.98	2537.89	2537.70	2546.86	0.62	ppb
Manganese	55-2	9.95	9.33	10.73	10.01	7.01	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-08	Instrumnet Name :	P8
Client Sample ID :	XADP-44-FL3-KI-W3-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:05:45	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.08	0.06	0.07	13.53	ppb
Molybdenum	95-1	0.16	0.18	0.16	0.17	7.01	ppb
Molybdenum	96-1	0.13	0.14	0.17	0.15	13.03	ppb
Molybdenum	97-1	0.17	0.14	0.12	0.14	15.30	ppb
Molybdenum	98-1	0.16	0.17	0.18	0.17	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.27	0.29	0.26	14.80	ppb
Phosphorus	31-2	465.63	640.81	580.83	562.42	15.83	ppb
Potassium	39-2	505.62	484.14	472.14	487.30	3.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	-0.83	-0.83	-0.83		ppb
Selenium	82-1	0.48	0.40	0.55	0.48	16.54	ppb
Silicon	28-1	972.47	1075.49	957.23	1001.73	6.42	ppb
Silver	109-1	0.01	0.01	0.02	0.01	26.76	ppb
Silver	107-1	0.01	0.00	0.00	0.01	147.43	ppb
Sodium	23-2	10504.98	10479.55	10496.87	10493.80	0.12	ppb
Strontium	86-1	19.89	21.54	19.37	20.27	5.61	ppb
Strontium	88-1	20.18	21.86	20.01	20.68	4.92	ppb
Sulfur	34-1	34.01	1332.33	108.29	491.54	148.33	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.01	0.03	61.43	ppb
Thallium	205-1	0.03	0.02	0.03	0.02	15.92	ppb
Tin	118-1	0.01	0.02	0.00	0.01	69.71	ppb
Titanium	47-1	0.23	0.28	0.17	0.23	23.14	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	24.63	ppb
Vanadium	51-2	0.00	0.07	0.03	0.04	95.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	101.00	102.27	102.36	101.87	0.75	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	33.80	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-08	Instrumnet Name :	P8
Client Sample ID :	XADP-44-FL3-KI-W3-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:05:45	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.03	0.03	10.06	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-09 Instrumnet Name : P8
 Client Sample ID : XADP-45-FL3-UPK2-BR- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:08:52 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	313.87	270.56	283.35	289.26	7.69	ppb
Antimony	121-1	0.14	0.12	0.12	0.12	8.59	ppb
Arsenic	75-2	0.27	0.39	0.40	0.35	19.56	ppb
Barium	135-1	13.11	12.76	13.48	13.12	2.75	ppb
Barium	137-1	13.63	12.75	13.13	13.17	3.33	ppb
Beryllium	9-1	0.01	-0.01	0.03	0.01	173.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.03	6.82	6.77	6.87	2.04	ppb
Boron	11-1	5.94	6.48	6.80	6.41	6.78	ppb
Cadmium	111-1	-0.09	-0.06	0.00	-0.05		ppb
Cadmium	106-1	-1.18	-0.99	-0.17	-0.78		ppb
Cadmium	108-1	0.23	0.13	0.20	0.19	26.26	ppb
Calcium	43-1	5966.29	5881.64	5951.18	5933.04	0.76	ppb
Calcium	44-1	6209.61	6261.24	6208.61	6226.49	0.48	ppb
Chromium	52-2	-0.16	-0.18	-0.35	-0.23		ppb
Cobalt	59-2	0.01	0.04	0.03	0.03	61.22	ppb
Copper	63-2	107.74	105.94	104.77	106.15	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.13	12.22	12.64	13.00	7.73	ppb
Iron	57-2	13.41	8.45	8.47	10.11	28.27	ppb
Lead	206-1	1.00	0.99	1.02	1.00	1.63	ppb
Lead	207-1	0.95	0.98	0.89	0.94	4.92	ppb
Lead	208-1	0.97	0.96	0.95	0.96	0.65	ppb
Lithium	6-1						%
Magnesium	24-2	1185.55	1188.11	1166.47	1180.04	1.00	ppb
Manganese	55-2	10.60	10.71	10.31	10.54	1.98	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-09 Instrumnet Name : P8
 Client Sample ID : XADP-45-FL3-UPK2-BR- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:08:52 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.02	0.02	36.27	ppb
Molybdenum	95-1	0.03	0.03	0.05	0.04	26.52	ppb
Molybdenum	96-1	0.02	0.05	0.03	0.03	58.00	ppb
Molybdenum	97-1	0.04	0.04	0.01	0.03	52.42	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	18.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.52	3.21	2.82	3.18	11.01	ppb
Phosphorus	31-2	369.46	540.63	438.13	449.41	19.17	ppb
Potassium	39-2	486.19	514.34	440.80	480.44	7.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.10	-0.83	-0.83	-0.52		ppb
Selenium	82-1	0.46	0.74	0.30	0.50	44.45	ppb
Silicon	28-1	980.44	960.61	970.21	970.42	1.02	ppb
Silver	109-1	0.02	0.01	0.02	0.01	23.57	ppb
Silver	107-1	0.01	0.02	0.01	0.01	29.18	ppb
Sodium	23-2	10819.37	10588.76	10440.06	10616.07	1.80	ppb
Strontium	86-1	19.80	19.72	19.63	19.72	0.41	ppb
Strontium	88-1	20.41	20.46	20.38	20.42	0.19	ppb
Sulfur	34-1	-151.78	-63.43	-50.83	-88.68		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.03	0.03	23.16	ppb
Thallium	205-1	0.01	0.02	0.03	0.02	35.79	ppb
Tin	118-1	0.26	0.19	0.23	0.23	15.55	ppb
Titanium	47-1	0.20	0.06	0.53	0.26	90.61	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.52	ppb
Vanadium	51-2	0.14	0.15	0.19	0.16	15.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	207.83	209.84	203.21	206.96	1.64	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	47.21	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-09	Instrumnet Name :	P8
Client Sample ID :	XADP-45-FL3-UPK2-BR-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:08:52	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.03	22.96	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-10 Instrumnet Name : P8
 Client Sample ID : XADP-46-FL3-UPK2-BR- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:11:59 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92.01	83.01	67.82	80.95	15.10	ppb
Antimony	121-1	0.08	0.06	0.08	0.07	19.51	ppb
Arsenic	75-2	0.51	0.42	0.36	0.43	17.58	ppb
Barium	135-1	14.01	13.17	13.07	13.42	3.83	ppb
Barium	137-1	14.07	13.52	13.51	13.70	2.34	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	59.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.61	6.78	6.78	6.39	10.56	ppb
Boron	11-1	6.28	6.37	5.83	6.16	4.72	ppb
Cadmium	111-1	-0.02	-0.04	-0.14	-0.07		ppb
Cadmium	106-1	-0.61	-0.69	-2.17	-1.16		ppb
Cadmium	108-1	-0.09	-0.02	-0.02	-0.05		ppb
Calcium	43-1	6501.86	6059.48	5913.60	6158.31	4.97	ppb
Calcium	44-1	6606.96	6152.56	6174.69	6311.40	4.06	ppb
Chromium	52-2	-0.18	-0.21	-0.20	-0.20		ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	1236.22	ppb
Copper	63-2	122.53	120.06	119.43	120.67	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	17.21	15.58	15.76	16.18	5.54	ppb
Iron	57-2	16.21	12.78	11.81	13.60	16.98	ppb
Lead	206-1	0.43	0.38	0.40	0.41	6.06	ppb
Lead	207-1	0.31	0.35	0.33	0.33	6.63	ppb
Lead	208-1	0.39	0.39	0.37	0.38	2.68	ppb
Lithium	6-1						%
Magnesium	24-2	1138.61	1147.10	1135.07	1140.26	0.54	ppb
Manganese	55-2	12.32	12.02	11.64	11.99	2.86	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-10	Instrumnet Name :	P8
Client Sample ID :	XADP-46-FL3-UPK2-BR-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:11:59	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.04	0.03	0.03	33.95	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.03	20.29	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	9.41	ppb
Molybdenum	97-1	0.05	0.03	0.03	0.04	19.11	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	16.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.08	1.12	1.09	2.86	ppb
Phosphorus	31-2	484.49	567.75	521.43	524.55	7.95	ppb
Potassium	39-2	458.08	447.53	477.25	460.95	3.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.84	0.02	2.55	1.14	113.69	ppb
Selenium	82-1	0.45	0.83	-0.06	0.41	110.05	ppb
Silicon	28-1	1039.47	1006.32	975.47	1007.09	3.18	ppb
Silver	109-1	0.01	0.01	0.02	0.01	52.37	ppb
Silver	107-1	0.02	0.01	0.01	0.01	28.78	ppb
Sodium	23-2	10511.78	10366.98	10353.97	10410.91	0.84	ppb
Strontium	86-1	21.86	19.96	19.78	20.53	5.60	ppb
Strontium	88-1	21.84	20.68	20.18	20.90	4.07	ppb
Sulfur	34-1	940.02	-4.50	238.57	391.36	125.32	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.02	0.02	25.75	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.72	ppb
Tin	118-1	0.02	0.04	0.02	0.03	41.38	ppb
Titanium	47-1	0.59	0.27	0.22	0.36	56.61	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	23.84	ppb
Vanadium	51-2	0.10	0.10	0.08	0.09	13.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	88.73	84.94	87.34	87.00	2.20	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	15.02	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-10	Instrumnet Name :	P8
Client Sample ID :	XADP-46-FL3-UPK2-BR-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:11:59	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.02	0.03	20.36	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-11 Instrumnet Name : P8
 Client Sample ID : XADP-47-FL3-H-BB1-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:15:06 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103.40	112.34	130.44	115.39	11.94	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	12.78	ppb
Arsenic	75-2	0.25	0.42	0.38	0.35	26.26	ppb
Barium	135-1	15.04	15.25	14.76	15.01	1.65	ppb
Barium	137-1	15.36	15.09	14.91	15.12	1.52	ppb
Beryllium	9-1	0.01	-0.01	0.03	0.01	155.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.93	21.47	20.29	21.23	3.99	ppb
Boron	11-1	19.94	21.53	20.37	20.61	3.99	ppb
Cadmium	111-1	0.24	0.28	0.22	0.25	10.64	ppb
Cadmium	106-1	-0.01	0.21	-0.48	-0.09		ppb
Cadmium	108-1	0.39	0.31	0.43	0.38	16.63	ppb
Calcium	43-1	6388.23	6173.95	6176.12	6246.10	1.97	ppb
Calcium	44-1	6553.71	6398.96	6440.04	6464.24	1.24	ppb
Chromium	52-2	-0.19	-0.12	-0.20	-0.17		ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	153.30	ppb
Copper	63-2	149.99	149.03	149.36	149.46	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18.23	19.64	19.16	19.01	3.76	ppb
Iron	57-2	12.99	26.29	18.62	19.30	34.59	ppb
Lead	206-1	1.16	1.10	1.14	1.13	2.73	ppb
Lead	207-1	0.96	1.04	0.95	0.98	4.94	ppb
Lead	208-1	1.05	1.05	1.03	1.04	1.28	ppb
Lithium	6-1						%
Magnesium	24-2	1165.06	1189.48	1217.43	1190.66	2.20	ppb
Manganese	55-2	11.99	12.32	11.56	11.96	3.16	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-11	Instrumnet Name :	P8
Client Sample ID :	XADP-47-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:15:06	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.02	0.09	0.05	60.88	ppb
Molybdenum	95-1	0.03	0.07	0.03	0.04	54.09	ppb
Molybdenum	96-1	0.05	0.05	0.03	0.04	27.59	ppb
Molybdenum	97-1	0.01	0.02	0.00	0.01	64.24	ppb
Molybdenum	98-1	0.03	0.04	0.05	0.04	17.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.96	1.01	0.98	2.58	ppb
Phosphorus	31-2	532.65	810.58	533.98	625.73	25.58	ppb
Potassium	39-2	482.82	503.26	503.03	496.37	2.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.02	0.00	1.67	173.21	ppb
Selenium	78-2	-0.83	0.02	-0.83	-0.55		ppb
Selenium	82-1	0.92	0.27	0.22	0.47	83.26	ppb
Silicon	28-1	1012.74	990.80	1050.66	1018.06	2.97	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.91	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.71	ppb
Sodium	23-2	10733.74	10544.85	10696.18	10658.26	0.94	ppb
Strontium	86-1	22.01	22.18	22.37	22.19	0.80	ppb
Strontium	88-1	22.40	22.71	22.28	22.46	0.98	ppb
Sulfur	34-1	1093.23	420.46	238.84	584.18	77.05	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.02	0.02	35.49	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	31.11	ppb
Tin	118-1	-0.04	-0.04	-0.03	-0.04		ppb
Titanium	47-1	0.67	0.65	0.48	0.60	17.12	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.65	ppb
Vanadium	51-2	0.09	0.07	0.10	0.09	16.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	231.41	229.94	229.56	230.31	0.42	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	31.57	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-11	Instrumnet Name :	P8
Client Sample ID :	XADP-47-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:15:06	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.05	0.05	10.98	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-12 Instrumnet Name : P8
 Client Sample ID : XADP-48-FL3-H-BB1-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:18:13 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.08	14.41	15.54	13.35	21.59	ppb
Antimony	121-1	0.05	0.06	0.06	0.05	10.90	ppb
Arsenic	75-2	0.45	0.25	0.37	0.36	28.35	ppb
Barium	135-1	14.40	14.11	13.46	13.99	3.44	ppb
Barium	137-1	14.04	13.75	14.03	13.94	1.19	ppb
Beryllium	9-1	0.04	-0.01	0.04	0.02	118.56	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.26	5.89	6.97	6.37	8.60	ppb
Boron	11-1	6.42	6.56	6.56	6.51	1.23	ppb
Cadmium	111-1	0.02	0.02	-0.02	0.01	341.78	ppb
Cadmium	106-1	-0.47	-0.39	-0.90	-0.59		ppb
Cadmium	108-1	0.04	0.04	0.01	0.03	61.55	ppb
Calcium	43-1	5958.65	6051.25	6024.14	6011.35	0.79	ppb
Calcium	44-1	6306.59	6272.91	6298.23	6292.58	0.28	ppb
Chromium	52-2	-0.26	-0.21	-0.18	-0.22		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	146.32	144.40	152.87	147.86	3.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	19.65	17.62	18.92	18.73	5.50	ppb
Iron	57-2	17.19	15.21	16.06	16.16	6.13	ppb
Lead	206-1	0.27	0.28	0.28	0.28	2.78	ppb
Lead	207-1	0.27	0.25	0.19	0.24	16.10	ppb
Lead	208-1	0.27	0.26	0.25	0.26	3.68	ppb
Lithium	6-1						%
Magnesium	24-2	1207.76	1163.10	1259.62	1210.16	3.99	ppb
Manganese	55-2	13.73	13.94	13.73	13.80	0.89	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-12	Instrumnet Name :	P8
Client Sample ID :	XADP-48-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:18:13	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.03	0.03	24.45	ppb
Molybdenum	95-1	0.03	0.05	0.05	0.04	18.56	ppb
Molybdenum	96-1	0.05	0.04	0.07	0.05	27.92	ppb
Molybdenum	97-1	0.04	0.01	0.02	0.02	53.68	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.04	17.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.42	0.42	0.41	6.61	ppb
Phosphorus	31-2	997.69	513.50	596.41	702.53	36.86	ppb
Potassium	39-2	454.47	502.57	499.87	485.64	5.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	-0.83	0.08	-0.52		ppb
Selenium	82-1	0.11	0.46	0.74	0.44	71.39	ppb
Silicon	28-1	984.65	988.03	994.22	988.97	0.49	ppb
Silver	109-1	0.02	0.00	0.01	0.01	70.82	ppb
Silver	107-1	0.01	0.01	0.01	0.01	43.72	ppb
Sodium	23-2	10698.91	10561.43	11100.21	10786.85	2.60	ppb
Strontium	86-1	20.10	20.02	20.18	20.10	0.38	ppb
Strontium	88-1	20.39	20.38	20.61	20.46	0.64	ppb
Sulfur	34-1	258.27	453.90	365.24	359.14	27.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.01	0.02	26.54	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	17.03	ppb
Tin	118-1	-0.01	-0.03	-0.02	-0.02		ppb
Titanium	47-1	0.28	0.37	0.26	0.30	18.88	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.02	ppb
Vanadium	51-2	0.07	0.08	0.08	0.08	8.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	51.46	52.94	54.87	53.09	3.21	ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	27.01	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-12	Instrumnet Name :	P8
Client Sample ID :	XADP-48-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:18:13	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.07	0.05	0.04	90.82	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-13 Instrumnet Name : P8
 Client Sample ID : XADP-49-FL3-BRB-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:21:21 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.37	19.30	7.41	13.36	44.52	ppb
Antimony	121-1	0.04	0.06	0.04	0.05	19.77	ppb
Arsenic	75-2	0.38	0.37	0.31	0.35	10.81	ppb
Barium	135-1	13.15	13.17	12.90	13.07	1.16	ppb
Barium	137-1	12.77	13.29	13.12	13.06	2.03	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.30	5.62	5.22	5.71	9.53	ppb
Boron	11-1	5.74	5.58	5.51	5.61	2.17	ppb
Cadmium	111-1	0.00	0.03	-0.01	0.01	366.38	ppb
Cadmium	106-1	-0.68	-0.08	-0.60	-0.45		ppb
Cadmium	108-1	0.01	0.07	0.04	0.04	82.50	ppb
Calcium	43-1	5948.42	6004.82	5853.55	5935.60	1.29	ppb
Calcium	44-1	6180.49	6306.68	6159.47	6215.55	1.28	ppb
Chromium	52-2	-0.15	-0.15	-0.21	-0.17		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	247.95	ppb
Copper	63-2	105.88	97.17	97.49	100.18	4.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.31	11.64	11.65	12.54	12.26	ppb
Iron	57-2	12.04	11.88	9.38	11.10	13.41	ppb
Lead	206-1	1.27	1.25	1.31	1.27	2.61	ppb
Lead	207-1	1.14	1.15	1.15	1.14	0.61	ppb
Lead	208-1	1.20	1.21	1.21	1.20	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	1259.26	1147.91	1167.90	1191.69	4.98	ppb
Manganese	55-2	7.55	7.61	7.61	7.59	0.43	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-13	Instrumnet Name :	P8
Client Sample ID :	XADP-49-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:21:21	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.01	0.03	0.02	41.17	ppb
Molybdenum	95-1	0.03	0.02	0.05	0.03	55.06	ppb
Molybdenum	96-1	0.05	0.03	0.03	0.04	22.42	ppb
Molybdenum	97-1	0.01	0.04	0.01	0.02	101.14	ppb
Molybdenum	98-1	0.03	0.05	0.04	0.04	23.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.88	3.48	3.23	3.53	9.39	ppb
Phosphorus	31-2	640.11	401.31	833.30	624.91	34.63	ppb
Potassium	39-2	500.20	453.42	452.92	468.85	5.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.40	1.80	173.21	ppb
Selenium	78-2	1.13	1.07	0.99	1.06	6.68	ppb
Selenium	82-1	0.37	0.86	0.68	0.64	38.80	ppb
Silicon	28-1	975.00	994.67	987.75	985.81	1.01	ppb
Silver	109-1	0.01	0.01	0.02	0.01	44.71	ppb
Silver	107-1	0.02	0.01	0.00	0.01	75.88	ppb
Sodium	23-2	11153.02	10243.44	10238.55	10545.00	4.99	ppb
Strontium	86-1	19.88	19.73	20.01	19.87	0.70	ppb
Strontium	88-1	20.14	20.45	20.10	20.23	0.94	ppb
Sulfur	34-1	90.52	372.33	238.66	233.84	60.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.03	0.02	10.22	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	13.94	ppb
Tin	118-1	-0.03	-0.01	-0.03	-0.02		ppb
Titanium	47-1	0.26	0.11	0.19	0.19	39.06	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.35	ppb
Vanadium	51-2	0.04	0.09	0.10	0.08	42.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	350.69	326.11	328.30	335.03	4.06	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	124.82	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-13	Instrumnet Name :	P8
Client Sample ID :	XADP-49-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:21:21	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.02	0.01	107.46	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-14 Instrumnet Name : P8
 Client Sample ID : XADP-50-FL3-BRB-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:24:28 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.91	9.25	5.77	7.98	24.03	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	7.02	ppb
Arsenic	75-2	0.29	0.33	0.34	0.32	8.15	ppb
Barium	135-1	13.00	12.83	13.10	12.98	1.08	ppb
Barium	137-1	13.20	13.80	13.31	13.44	2.35	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.64	5.31	4.91	5.29	6.95	ppb
Boron	11-1	5.66	5.21	5.32	5.40	4.34	ppb
Cadmium	111-1	-0.03	-0.03	-0.14	-0.06		ppb
Cadmium	106-1	-0.46	-0.33	-2.07	-0.95		ppb
Cadmium	108-1	-0.02	0.01	-0.02	-0.01		ppb
Calcium	43-1	5839.94	6023.57	5928.73	5930.75	1.55	ppb
Calcium	44-1	6180.24	6195.36	6317.53	6231.05	1.21	ppb
Chromium	52-2	-0.32	-0.18	-0.24	-0.25		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	139.68	140.57	135.96	138.74	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	11.61	10.80	11.05	11.15	3.70	ppb
Iron	57-2	9.31	6.01	9.72	8.34	24.39	ppb
Lead	206-1	0.24	0.26	0.28	0.26	7.83	ppb
Lead	207-1	0.24	0.24	0.21	0.23	7.93	ppb
Lead	208-1	0.26	0.25	0.25	0.25	2.58	ppb
Lithium	6-1						%
Magnesium	24-2	1239.20	1202.20	1195.09	1212.16	1.95	ppb
Manganese	55-2	5.47	5.88	5.99	5.78	4.72	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-14	Instrumnet Name :	P8
Client Sample ID :	XADP-50-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:24:28	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.02	0.02	7.02	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.04	24.13	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.04	14.83	ppb
Molybdenum	97-1	0.02	0.03	0.00	0.02	67.69	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.04	15.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.55	0.60	0.55	10.31	ppb
Phosphorus	31-2	604.53	485.37	714.15	601.35	19.03	ppb
Potassium	39-2	510.93	525.37	481.84	506.05	4.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	0.08	0.94	0.06	1380.31	ppb
Selenium	82-1	-0.15	0.29	0.92	0.35	152.14	ppb
Silicon	28-1	1000.00	971.64	991.75	987.80	1.48	ppb
Silver	109-1	0.01	0.00	0.01	0.01	58.36	ppb
Silver	107-1	0.02	0.01	0.02	0.01	32.76	ppb
Sodium	23-2	10517.01	10578.93	10357.72	10484.55	1.09	ppb
Strontium	86-1	20.08	20.34	19.69	20.04	1.63	ppb
Strontium	88-1	20.51	20.25	20.42	20.39	0.64	ppb
Sulfur	34-1	1262.85	475.44	820.88	853.06	46.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.02	0.02	27.12	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	13.71	ppb
Tin	118-1	-0.04	-0.03	-0.04	-0.04		ppb
Titanium	47-1	0.17	0.14	0.25	0.19	29.30	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.15	ppb
Vanadium	51-2	0.14	0.06	0.05	0.08	59.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	95.38	94.92	91.27	93.86	2.40	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	16.92	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-14	Instrumnet Name :	P8
Client Sample ID :	XADP-50-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:24:28	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.13	0.05	119.59	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-15	Instrumnet Name :	P8
Client Sample ID :	XADP-51-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:27:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.71	4.12	7.15	7.66	49.91	ppb
Antimony	121-1	0.04	0.07	0.08	0.07	27.65	ppb
Arsenic	75-2	0.42	0.36	0.26	0.34	23.51	ppb
Barium	135-1	12.86	12.08	15.54	13.49	13.45	ppb
Barium	137-1	12.87	12.94	15.13	13.65	9.39	ppb
Beryllium	9-1	-0.02	0.00	0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.49	7.12	5.95	6.19	13.54	ppb
Boron	11-1	5.15	5.08	6.96	5.73	18.52	ppb
Cadmium	111-1	0.04	0.05	-0.07	0.01	1115.19	ppb
Cadmium	106-1	0.11	0.06	-1.36	-0.40		ppb
Cadmium	108-1	0.08	0.08	0.15	0.10	40.96	ppb
Calcium	43-1	5888.21	5782.65	7004.80	6225.22	10.88	ppb
Calcium	44-1	6123.00	6183.99	7418.57	6575.19	11.12	ppb
Chromium	52-2	-0.21	-0.25	-0.34	-0.27		ppb
Cobalt	59-2	0.02	0.00	-0.01	0.00	496.03	ppb
Copper	63-2	87.02	86.00	86.36	86.46	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	11.19	9.93	10.69	10.60	6.02	ppb
Iron	57-2	7.70	6.85	8.58	7.71	11.25	ppb
Lead	206-1	2.08	2.00	2.40	2.16	9.64	ppb
Lead	207-1	1.80	1.77	2.17	1.91	11.52	ppb
Lead	208-1	1.91	1.87	2.27	2.02	10.78	ppb
Lithium	6-1						%
Magnesium	24-2	1178.37	1151.43	1154.82	1161.54	1.26	ppb
Manganese	55-2	6.43	7.08	7.26	6.92	6.33	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-15	Instrumnet Name :	P8
Client Sample ID :	XADP-51-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:27:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.02	0.03	40.75	ppb
Molybdenum	95-1	0.04	0.04	0.06	0.05	24.18	ppb
Molybdenum	96-1	0.04	0.03	0.06	0.04	30.30	ppb
Molybdenum	97-1	0.03	0.02	0.03	0.03	24.11	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.64	2.48	2.30	2.47	6.91	ppb
Phosphorus	31-2	634.25	460.36	546.92	547.18	15.89	ppb
Potassium	39-2	471.64	470.57	485.98	476.06	1.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.20	0.00	5.22	3.47	86.60	ppb
Selenium	78-2	0.05	0.06	-0.83	-0.24		ppb
Selenium	82-1	-0.34	1.26	-0.11	0.27	318.97	ppb
Silicon	28-1	979.82	966.34	1177.83	1041.33	11.37	ppb
Silver	109-1	0.01	0.01	0.02	0.01	40.33	ppb
Silver	107-1	0.02	0.02	0.01	0.01	28.19	ppb
Sodium	23-2	10419.05	10267.14	10267.72	10317.97	0.85	ppb
Strontium	86-1	19.34	19.40	23.52	20.75	11.54	ppb
Strontium	88-1	19.98	19.98	23.86	21.27	10.53	ppb
Sulfur	34-1	610.95	487.22	3149.69	1415.96	106.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	27.13	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.15	ppb
Tin	118-1	-0.03	-0.02	0.01	-0.02		ppb
Titanium	47-1	0.27	0.08	0.26	0.21	51.04	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	26.80	ppb
Vanadium	51-2	0.03	0.04	0.11	0.06	75.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	399.31	392.70	395.84	395.95	0.83	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	53.19	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-15	Instrumnet Name :	P8
Client Sample ID :	XADP-51-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:27:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.05	0.03	60.94	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-16 Instrumnet Name : P8
 Client Sample ID : XADP-52-FL3-BRB-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:30:44 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.33	9.78	14.13	11.75	18.75	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	19.03	ppb
Arsenic	75-2	0.39	0.35	0.34	0.36	7.55	ppb
Barium	135-1	13.32	13.22	12.79	13.11	2.16	ppb
Barium	137-1	13.30	13.25	13.32	13.29	0.26	ppb
Beryllium	9-1	0.03	0.01	-0.01	0.01	201.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.97	5.41	5.21	5.19	4.25	ppb
Boron	11-1	5.27	5.12	6.16	5.52	10.15	ppb
Cadmium	111-1	-0.09	-0.06	-0.01	-0.05		ppb
Cadmium	106-1	-1.41	-1.03	-0.41	-0.95		ppb
Cadmium	108-1	0.04	0.04	0.01	0.03	59.28	ppb
Calcium	43-1	6047.93	5894.68	5901.64	5948.08	1.45	ppb
Calcium	44-1	6173.65	6227.18	6159.77	6186.87	0.58	ppb
Chromium	52-2	-0.26	-0.28	-0.24	-0.26		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	122.16	123.24	123.77	123.06	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	10.42	10.00	9.88	10.10	2.79	ppb
Iron	57-2	12.94	13.27	10.23	12.15	13.70	ppb
Lead	206-1	0.54	0.56	0.54	0.55	2.35	ppb
Lead	207-1	0.49	0.43	0.46	0.46	6.22	ppb
Lead	208-1	0.50	0.50	0.50	0.50	0.78	ppb
Lithium	6-1						%
Magnesium	24-2	1169.46	1106.71	1189.60	1155.26	3.74	ppb
Manganese	55-2	6.37	6.24	6.14	6.25	1.86	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-16 Instrumnet Name : P8
 Client Sample ID : XADP-52-FL3-BRB-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:30:44 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.01	0.02	37.27	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	12.42	ppb
Molybdenum	96-1	0.03	0.05	0.04	0.04	27.25	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	93.67	ppb
Molybdenum	98-1	0.02	0.03	0.05	0.03	48.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.78	0.92	0.87	9.11	ppb
Phosphorus	31-2	722.39	442.94	651.80	605.71	23.99	ppb
Potassium	39-2	481.19	469.91	466.71	472.60	1.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.07	0.00	1.69	173.21	ppb
Selenium	78-2	-0.83	0.02	-0.83	-0.54		ppb
Selenium	82-1	0.12	0.28	0.36	0.25	48.77	ppb
Silicon	28-1	983.77	990.94	975.88	983.53	0.77	ppb
Silver	109-1	0.01	0.01	0.02	0.02	48.73	ppb
Silver	107-1	0.01	0.01	0.01	0.01	33.75	ppb
Sodium	23-2	10201.39	10135.03	10323.91	10220.11	0.94	ppb
Strontium	86-1	19.86	19.53	19.90	19.76	1.02	ppb
Strontium	88-1	20.44	20.49	20.31	20.42	0.45	ppb
Sulfur	34-1	252.54	540.82	449.28	414.21	35.56	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.01	15.35	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.74	ppb
Tin	118-1	-0.03	-0.04	-0.02	-0.03		ppb
Titanium	47-1	0.18	0.15	1.84	0.72	133.12	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	21.31	ppb
Vanadium	51-2	0.09	0.06	0.04	0.06	34.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	168.99	168.46	168.97	168.81	0.18	ppb
Zirconium	90-1	0.03	0.02	0.00	0.02	75.88	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-16	Instrumnet Name :	P8
Client Sample ID :	XADP-52-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:30:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.02	0.03	38.70	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-17 Instrumnet Name : P8
 Client Sample ID : XADP-55-FL3-H-BB1-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:33:51 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.26	0.96	5.49	5.90	87.39	ppb
Antimony	121-1	0.08	0.05	0.06	0.06	26.68	ppb
Arsenic	75-2	0.13	0.54	0.34	0.34	60.23	ppb
Barium	135-1	14.62	14.33	14.23	14.39	1.40	ppb
Barium	137-1	15.26	14.04	14.25	14.52	4.48	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.97	6.06	5.17	5.40	10.70	ppb
Boron	11-1	5.66	5.39	5.64	5.56	2.74	ppb
Cadmium	111-1	0.00	0.02	-0.02	0.00	4349.03	ppb
Cadmium	106-1	-0.63	-0.26	-0.73	-0.54		ppb
Cadmium	108-1	0.05	0.04	0.08	0.06	40.83	ppb
Calcium	43-1	6665.73	5944.90	5979.01	6196.55	6.56	ppb
Calcium	44-1	6896.65	6311.71	6124.40	6444.25	6.25	ppb
Chromium	52-2	-0.30	-0.31	-0.19	-0.27		ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	13.57	ppb
Copper	63-2	140.66	142.02	145.19	142.62	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	11.71	12.54	11.31	11.85	5.29	ppb
Iron	57-2	11.15	9.89	10.10	10.38	6.49	ppb
Lead	206-1	0.96	0.84	0.91	0.90	6.80	ppb
Lead	207-1	0.84	0.76	0.80	0.80	4.87	ppb
Lead	208-1	0.90	0.80	0.84	0.85	5.75	ppb
Lithium	6-1						%
Magnesium	24-2	1191.16	1168.09	1183.26	1180.84	0.99	ppb
Manganese	55-2	9.22	9.80	9.97	9.66	4.08	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-17 Instrumnet Name : P8
 Client Sample ID : XADP-55-FL3-H-BB1-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:33:51 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.02	0.02	10.60	ppb
Molybdenum	95-1	0.03	0.02	0.05	0.03	43.98	ppb
Molybdenum	96-1	0.04	0.04	0.03	0.04	9.32	ppb
Molybdenum	97-1	0.04	0.04	0.01	0.03	50.47	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	12.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.46	21.56	20.88	20.97	2.65	ppb
Phosphorus	31-2	485.51	698.37	472.42	552.10	22.97	ppb
Potassium	39-2	485.93	474.94	522.12	494.33	4.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.87	0.86	0.87	0.87	0.62	ppb
Selenium	82-1	0.05	0.27	0.82	0.38	104.52	ppb
Silicon	28-1	1094.68	964.83	968.23	1009.25	7.33	ppb
Silver	109-1	0.02	0.02	0.01	0.01	19.85	ppb
Silver	107-1	0.01	0.02	0.01	0.01	29.35	ppb
Sodium	23-2	10206.15	10291.04	10457.73	10318.31	1.24	ppb
Strontium	86-1	21.26	19.63	19.63	20.17	4.67	ppb
Strontium	88-1	22.08	20.25	19.85	20.72	5.75	ppb
Sulfur	34-1	1843.57	417.72	977.93	1079.74	66.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.03	0.02	34.74	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	13.93	ppb
Tin	118-1	-0.01	-0.01	0.01	0.00		ppb
Titanium	47-1	0.23	0.22	0.23	0.23	1.99	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	32.07	ppb
Vanadium	51-2	0.09	0.06	0.09	0.08	19.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	269.73	272.93	274.73	272.46	0.93	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	53.11	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-17	Instrumnet Name :	P8
Client Sample ID :	XADP-55-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:33:51	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.01	0.01	0.02	108.06	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:36:58	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.38	-1.99	-0.41	-0.92		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	46.49	ppb
Arsenic	75-2	0.02	0.00	-0.03	0.00		ppb
Barium	135-1	0.00	0.02	0.01	0.01	135.12	ppb
Barium	137-1	0.00	0.00	0.00	0.00	2132.81	ppb
Beryllium	9-1	0.01	0.01	-0.02	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.63	1.36	0.67	1.22	40.32	ppb
Boron	11-1	1.51	1.01	1.18	1.23	20.66	ppb
Cadmium	111-1	-0.05	0.01	-0.05	-0.03		ppb
Cadmium	106-1	-0.69	0.05	-0.78	-0.47		ppb
Cadmium	108-1	0.03	-0.05	-0.09	-0.04		ppb
Calcium	43-1	-39.20	-57.43	-65.46	-54.03		ppb
Calcium	44-1	-8.51	-8.75	-11.44	-9.56		ppb
Chromium	52-2	-0.25	-0.27	-0.27	-0.26		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.04	-0.03	0.00	0.00	1497.72	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.31	-0.43	-0.47	-0.40		ppb
Iron	57-2	-0.94	-1.91	-0.99	-1.28		ppb
Lead	206-1	492.62	496.44	495.70	494.92	0.41	ppb
Lead	207-1	497.61	504.61	498.14	500.12	0.78	ppb
Lead	208-1	496.17	499.49	498.79	498.15	0.35	ppb
Lithium	6-1						%
Magnesium	24-2	0.40	-0.02	0.32	0.23	95.68	ppb
Manganese	55-2	0.04	-0.02	0.04	0.02	181.95	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:36:58	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	61.17	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	207.16	ppb
Molybdenum	97-1	-0.02	-0.03	-0.01	-0.02		ppb
Molybdenum	98-1	0.01	0.01	0.00	0.00	78.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.06	0.03	0.04	36.76	ppb
Phosphorus	31-2	-22.77	-22.77	-0.07	-15.20		ppb
Potassium	39-2	-1.68	-6.02	-1.92	-3.21		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.09	-0.83	1.02	0.09	996.19	ppb
Selenium	82-1	0.21	-0.10	0.56	0.22	147.41	ppb
Silicon	28-1	-17.51	-23.76	-27.09	-22.79		ppb
Silver	109-1	0.00	0.00	0.01	0.00	9.19	ppb
Silver	107-1	0.00	0.01	0.00	0.01	79.39	ppb
Sodium	23-2	30.62	25.72	22.24	26.20	16.07	ppb
Strontium	86-1	-0.05	-0.07	-0.02	-0.05		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	1696.81	1158.93	851.27	1235.67	34.63	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	17.73	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	24.00	ppb
Tin	118-1	-0.05	-0.04	-0.04	-0.04		ppb
Titanium	47-1	-0.02	-0.04	-0.07	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	230.55	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	414.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.50	-0.70	-0.51	-0.57		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	533.61	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:36:58	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.00	0.01	80.99	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:40:04	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.37	4.59	-0.35	1.87	134.22	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	19.47	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.02	0.00	0.00	0.01	214.27	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	-0.01	0.00	-0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.64	1.24	1.02	0.97	31.10	ppb
Boron	11-1	1.07	0.71	0.82	0.87	21.09	ppb
Cadmium	111-1	-0.03	-0.08	0.00	-0.04		ppb
Cadmium	106-1	-0.49	-1.18	-0.09	-0.59		ppb
Cadmium	108-1	-0.09	-0.02	-0.09	-0.06		ppb
Calcium	43-1	-45.17	-50.01	-53.32	-49.50		ppb
Calcium	44-1	-5.64	-12.81	-8.80	-9.08		ppb
Chromium	52-2	-0.06	-0.09	0.00	-0.05		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.03	0.04	-0.03	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.27	-0.43	-0.28	-0.33		ppb
Iron	57-2	-2.27	-1.83	-0.43	-1.51		ppb
Lead	206-1	0.05	0.05	0.04	0.05	14.83	ppb
Lead	207-1	0.03	0.06	0.04	0.04	26.82	ppb
Lead	208-1	0.04	0.05	0.04	0.04	13.49	ppb
Lithium	6-1						%
Magnesium	24-2	-0.47	-0.54	-0.22	-0.41		ppb
Manganese	55-2	-0.04	0.06	0.05	0.02	222.35	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:40:04	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	126.26	ppb
Molybdenum	97-1	-0.02	-0.02	-0.03	-0.02		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	-0.06	-0.04		ppb
Phosphorus	31-2	-22.77	-22.77	0.70	-14.94		ppb
Potassium	39-2	-6.86	-4.69	-1.77	-4.44		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	11.17	0.00	3.72	173.21	ppb
Selenium	78-2	0.15	-0.83	1.06	0.13	737.61	ppb
Selenium	82-1	0.04	-0.06	-0.43	-0.15		ppb
Silicon	28-1	-13.19	-25.62	-21.16	-19.99		ppb
Silver	109-1	0.00	0.00	0.01	0.00	75.26	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	26.69	28.15	28.99	27.94	4.17	ppb
Strontium	86-1	0.03	0.00	-0.02	0.00	1522.88	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	2443.17	899.22	1456.57	1599.65	48.88	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.02	13.44	ppb
Thallium	205-1	0.01	0.02	0.02	0.01	17.31	ppb
Tin	118-1	-0.03	-0.04	-0.06	-0.04		ppb
Titanium	47-1	-0.02	-0.06	-0.04	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	142.29	ppb
Vanadium	51-2	-0.01	0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.56	-0.51	-0.52	-0.53		ppb
Zirconium	90-1	-0.01	0.01	-0.01	0.00		ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:40:04	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	57.88	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-18 Instrumnet Name : P8
 Client Sample ID : XADP-56-FL3-H-BB1-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:43:12 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76.89	91.38	76.56	81.61	10.37	ppb
Antimony	121-1	0.04	0.06	0.05	0.05	20.18	ppb
Arsenic	75-2	0.47	0.36	0.44	0.42	13.71	ppb
Barium	135-1	13.35	13.67	13.78	13.60	1.66	ppb
Barium	137-1	13.59	13.57	13.80	13.65	0.93	ppb
Beryllium	9-1	-0.02	-0.02	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.87	15.33	14.34	14.51	5.13	ppb
Boron	11-1	14.00	14.24	15.34	14.53	4.90	ppb
Cadmium	111-1	-0.07	0.00	-0.13	-0.06		ppb
Cadmium	106-1	-1.12	-0.20	-1.93	-1.08		ppb
Cadmium	108-1	0.03	-0.03	0.01	0.00	644.41	ppb
Calcium	43-1	6174.01	6228.24	6213.99	6205.41	0.45	ppb
Calcium	44-1	6351.76	6421.78	6467.42	6413.65	0.91	ppb
Chromium	52-2	-0.24	-0.16	-0.01	-0.14		ppb
Cobalt	59-2	-0.02	0.01	-0.02	-0.01		ppb
Copper	63-2	140.15	138.21	159.52	145.96	8.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	15.82	15.28	17.70	16.26	7.80	ppb
Iron	57-2	13.15	18.60	18.96	16.90	19.27	ppb
Lead	206-1	0.42	0.47	0.41	0.43	7.06	ppb
Lead	207-1	0.37	0.41	0.40	0.39	5.52	ppb
Lead	208-1	0.41	0.46	0.41	0.42	6.44	ppb
Lithium	6-1						%
Magnesium	24-2	1181.41	1181.07	1391.80	1251.43	9.71	ppb
Manganese	55-2	9.67	9.05	10.78	9.83	8.91	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-18 Instrumnet Name : P8
 Client Sample ID : XADP-56-FL3-H-BB1-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:43:12 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.03	0.03	14.89	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	6.69	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	21.43	ppb
Molybdenum	97-1	0.05	0.01	0.00	0.02	158.56	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	11.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.22	1.54	1.29	16.85	ppb
Phosphorus	31-2	649.92	628.05	770.89	682.95	11.27	ppb
Potassium	39-2	482.74	460.89	600.06	514.56	14.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	-0.83	0.14	-0.23		ppb
Selenium	82-1	0.59	0.53	0.78	0.63	20.87	ppb
Silicon	28-1	989.75	982.61	994.25	988.87	0.59	ppb
Silver	109-1	0.01	0.01	0.01	0.01	39.59	ppb
Silver	107-1	0.01	0.02	0.01	0.01	37.90	ppb
Sodium	23-2	10523.63	10324.85	12103.35	10983.94	8.87	ppb
Strontium	86-1	21.18	20.77	20.70	20.88	1.24	ppb
Strontium	88-1	21.11	21.71	21.55	21.46	1.45	ppb
Sulfur	34-1	286.51	583.35	410.24	426.70	34.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.01	31.99	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.61	ppb
Tin	118-1	-0.05	-0.05	-0.05	-0.05		ppb
Titanium	47-1	0.36	0.36	0.49	0.41	18.17	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.58	ppb
Vanadium	51-2	0.09	0.08	0.10	0.09	14.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	66.96	66.95	77.46	70.46	8.61	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	46.31	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-18	Instrumnet Name :	P8
Client Sample ID :	XADP-56-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:43:12	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.00	0.04	0.03	73.79	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-19 Instrumnet Name : P8
 Client Sample ID : XADP-57-FL3-BRG-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:46:20 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.06	12.97	7.24	9.09	36.96	ppb
Antimony	121-1	0.09	0.08	0.09	0.09	7.60	ppb
Arsenic	75-2	0.43	0.29	0.43	0.39	20.79	ppb
Barium	135-1	13.37	13.66	14.18	13.73	2.98	ppb
Barium	137-1	14.12	13.93	13.52	13.86	2.21	ppb
Beryllium	9-1	-0.04	-0.01	0.00	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.88	6.45	5.25	5.52	14.88	ppb
Boron	11-1	5.02	5.10	5.02	5.05	0.86	ppb
Cadmium	111-1	-0.07	-0.07	-0.01	-0.05		ppb
Cadmium	106-1	-1.16	-1.10	-0.62	-0.96		ppb
Cadmium	108-1	0.12	0.08	0.04	0.08	47.14	ppb
Calcium	43-1	6035.70	5997.53	5996.44	6009.89	0.37	ppb
Calcium	44-1	6290.43	6289.21	6438.95	6339.53	1.36	ppb
Chromium	52-2	-0.25	-0.29	-0.22	-0.25		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	128.59	ppb
Copper	63-2	112.76	111.54	114.80	113.03	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	17.40	18.64	18.03	18.02	3.43	ppb
Iron	57-2	15.44	16.57	18.91	16.97	10.44	ppb
Lead	206-1	1.75	1.86	1.83	1.81	3.36	ppb
Lead	207-1	1.56	1.71	1.60	1.62	4.98	ppb
Lead	208-1	1.68	1.72	1.72	1.71	1.42	ppb
Lithium	6-1						%
Magnesium	24-2	1160.62	1170.38	1150.49	1160.50	0.86	ppb
Manganese	55-2	9.29	9.37	9.28	9.31	0.51	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-19 Instrumnet Name : P8
 Client Sample ID : XADP-57-FL3-BRG-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:46:20 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.02	0.02	20.73	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.05	18.23	ppb
Molybdenum	96-1	0.04	0.04	0.02	0.03	37.38	ppb
Molybdenum	97-1	0.04	0.03	0.01	0.03	61.60	ppb
Molybdenum	98-1	0.06	0.03	0.04	0.05	30.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.54	0.72	0.69	19.78	ppb
Phosphorus	31-2	780.35	687.26	508.10	658.57	21.01	ppb
Potassium	39-2	465.97	493.01	459.29	472.76	3.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.04	0.04	-0.83	-0.25		ppb
Selenium	82-1	0.30	0.63	0.78	0.57	43.14	ppb
Silicon	28-1	1047.10	1039.95	1013.52	1033.52	1.71	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.34	ppb
Silver	107-1	0.01	0.01	0.02	0.02	25.66	ppb
Sodium	23-2	10190.27	10277.68	10286.89	10251.61	0.52	ppb
Strontium	86-1	20.13	20.38	20.46	20.32	0.85	ppb
Strontium	88-1	20.83	20.61	21.00	20.81	0.93	ppb
Sulfur	34-1	1541.11	1199.25	1095.46	1278.61	18.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	17.53	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	41.62	ppb
Tin	118-1	-0.01	0.01	0.01	0.00	226.12	ppb
Titanium	47-1	0.31	0.27	0.29	0.29	6.01	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.50	ppb
Vanadium	51-2	0.03	0.09	0.06	0.06	44.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	257.06	249.86	253.84	253.59	1.42	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	60.88	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-19	Instrumnet Name :	P8
Client Sample ID :	XADP-57-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:46:20	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.01	0.02	68.31	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-20 Instrumnet Name : P8
 Client Sample ID : XADP-58-FL3-BRG-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:49:26 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.07	19.41	9.39	11.62	59.77	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	10.55	ppb
Arsenic	75-2	0.38	0.27	0.40	0.35	18.86	ppb
Barium	135-1	13.55	14.03	14.41	14.00	3.06	ppb
Barium	137-1	13.95	13.72	14.00	13.89	1.09	ppb
Beryllium	9-1	0.00	0.01	-0.02	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.35	6.13	5.28	5.92	9.57	ppb
Boron	11-1	5.42	5.03	5.58	5.34	5.29	ppb
Cadmium	111-1	-0.04	-0.01	0.04	0.00		ppb
Cadmium	106-1	-0.54	-0.05	0.35	-0.08		ppb
Cadmium	108-1	0.04	0.04	-0.06	0.01	637.05	ppb
Calcium	43-1	5998.04	6144.98	5938.98	6027.33	1.76	ppb
Calcium	44-1	6288.76	6368.43	6331.14	6329.44	0.63	ppb
Chromium	52-2	-0.29	-0.14	-0.28	-0.23		ppb
Cobalt	59-2	-0.02	0.00	0.01	0.00		ppb
Copper	63-2	139.94	140.42	140.52	140.29	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	16.26	16.70	18.75	17.24	7.70	ppb
Iron	57-2	13.48	15.76	16.93	15.39	11.39	ppb
Lead	206-1	0.33	0.32	0.32	0.33	2.22	ppb
Lead	207-1	0.27	0.28	0.31	0.29	8.93	ppb
Lead	208-1	0.30	0.31	0.32	0.31	2.58	ppb
Lithium	6-1						%
Magnesium	24-2	1175.63	1176.99	1202.83	1185.15	1.29	ppb
Manganese	55-2	10.16	9.83	9.97	9.99	1.64	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-20	Instrumnet Name :	P8
Client Sample ID :	XADP-58-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:49:26	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.01	0.02	73.38	ppb
Molybdenum	95-1	0.03	0.05	0.05	0.05	26.13	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	20.98	ppb
Molybdenum	97-1	0.01	-0.01	0.03	0.01	190.62	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	15.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.21	0.29	0.27	17.94	ppb
Phosphorus	31-2	765.12	521.99	678.88	655.33	18.81	ppb
Potassium	39-2	457.53	493.74	496.90	482.72	4.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.01	0.10	-0.83	0.09	974.99	ppb
Selenium	82-1	0.82	1.03	0.14	0.66	70.19	ppb
Silicon	28-1	1033.17	1030.15	1024.76	1029.36	0.41	ppb
Silver	109-1	0.00	0.01	0.01	0.01	61.12	ppb
Silver	107-1	0.01	0.00	0.00	0.00	112.09	ppb
Sodium	23-2	10443.18	10573.83	10348.10	10455.04	1.08	ppb
Strontium	86-1	20.06	19.72	20.65	20.15	2.33	ppb
Strontium	88-1	20.61	20.49	20.78	20.63	0.72	ppb
Sulfur	34-1	1002.06	1069.37	1084.51	1051.98	4.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.01	34.29	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	21.19	ppb
Tin	118-1	-0.04	-0.02	-0.04	-0.03		ppb
Titanium	47-1	0.23	0.40	0.15	0.26	49.02	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.83	ppb
Vanadium	51-2	0.09	0.06	0.15	0.10	43.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	46.26	46.20	47.57	46.68	1.65	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	63.94	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-20	Instrumnet Name :	P8
Client Sample ID :	XADP-58-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:49:26	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.01	0.02	67.21	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-21 Instrumnet Name : P8
 Client Sample ID : XADP-59-FL3-BRG-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:52:34 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.64	24.99	15.91	18.18	33.02	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	15.73	ppb
Arsenic	75-2	0.36	0.26	0.37	0.33	18.69	ppb
Barium	135-1	14.03	14.72	14.35	14.36	2.39	ppb
Barium	137-1	14.29	14.57	14.53	14.47	1.05	ppb
Beryllium	9-1	-0.02	0.02	0.01	0.00	632.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.59	4.84	6.69	5.70	16.37	ppb
Boron	11-1	4.51	5.63	4.55	4.90	12.89	ppb
Cadmium	111-1	-0.04	-0.03	-0.03	-0.04		ppb
Cadmium	106-1	-0.95	-0.62	-0.71	-0.76		ppb
Cadmium	108-1	0.04	0.01	0.07	0.04	82.07	ppb
Calcium	43-1	6109.00	6092.53	6174.06	6125.20	0.70	ppb
Calcium	44-1	6396.66	6381.27	6319.61	6365.85	0.64	ppb
Chromium	52-2	-0.24	-0.11	-0.17	-0.17		ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	1529.92	ppb
Copper	63-2	147.81	144.11	145.60	145.84	1.27	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22.00	23.62	20.58	22.07	6.89	ppb
Iron	57-2	21.85	21.11	28.23	23.73	16.50	ppb
Lead	206-1	0.75	0.70	0.76	0.74	4.00	ppb
Lead	207-1	0.64	0.68	0.68	0.67	3.19	ppb
Lead	208-1	0.69	0.69	0.72	0.70	2.01	ppb
Lithium	6-1						%
Magnesium	24-2	1224.17	1204.07	1179.86	1202.70	1.84	ppb
Manganese	55-2	15.78	14.86	15.69	15.44	3.28	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-21	Instrumnet Name :	P8
Client Sample ID :	XADP-59-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:52:34	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.03	0.03	5.69	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.04	6.37	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	9.80	ppb
Molybdenum	97-1	0.01	0.03	0.00	0.01	116.03	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	13.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.41	2.29	2.12	2.28	6.39	ppb
Phosphorus	31-2	552.10	705.14	890.46	715.90	23.67	ppb
Potassium	39-2	514.12	509.82	491.66	505.20	2.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.15	-0.83	1.00	0.11	850.37	ppb
Selenium	82-1	0.09	0.92	0.10	0.37	127.87	ppb
Silicon	28-1	1072.03	1006.52	1015.25	1031.27	3.45	ppb
Silver	109-1	0.01	0.00	0.01	0.01	74.98	ppb
Silver	107-1	0.02	0.01	0.01	0.01	46.85	ppb
Sodium	23-2	10738.38	10544.32	10549.99	10610.90	1.04	ppb
Strontium	86-1	20.14	20.66	20.73	20.51	1.57	ppb
Strontium	88-1	20.74	20.97	20.97	20.89	0.63	ppb
Sulfur	34-1	962.23	863.66	799.47	875.12	9.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.02	0.02	43.72	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	50.17	ppb
Tin	118-1	-0.03	-0.02	0.03	0.00		ppb
Titanium	47-1	0.51	0.33	0.23	0.36	39.78	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.51	ppb
Vanadium	51-2	0.11	0.06	0.11	0.09	30.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	168.80	164.85	173.95	169.20	2.70	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	33.08	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-21	Instrumnet Name :	P8
Client Sample ID :	XADP-59-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:52:34	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.01	0.01	104.53	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-22	Instrumnet Name :	P8
Client Sample ID :	XADP-60-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:55:43	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.17	7.29	10.42	10.29	28.61	ppb
Antimony	121-1	0.05	0.09	0.05	0.06	31.19	ppb
Arsenic	75-2	0.39	0.45	0.44	0.43	7.38	ppb
Barium	135-1	13.39	13.94	14.14	13.83	2.81	ppb
Barium	137-1	14.00	14.23	13.56	13.93	2.44	ppb
Beryllium	9-1	0.00	-0.01	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.71	4.98	6.11	5.27	14.09	ppb
Boron	11-1	4.60	5.14	5.63	5.12	10.11	ppb
Cadmium	111-1	-0.03	0.03	0.06	0.02	205.91	ppb
Cadmium	106-1	-0.33	0.14	0.72	0.17	301.23	ppb
Cadmium	108-1	0.13	-0.02	0.01	0.04	217.53	ppb
Calcium	43-1	6076.23	6076.22	6070.95	6074.47	0.05	ppb
Calcium	44-1	6310.65	6278.18	6339.15	6309.33	0.48	ppb
Chromium	52-2	-0.20	-0.18	-0.15	-0.18		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	136.28	139.27	139.68	138.41	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	17.01	15.75	16.49	16.42	3.85	ppb
Iron	57-2	15.10	20.82	13.30	16.40	23.96	ppb
Lead	206-1	0.37	0.33	0.36	0.35	6.11	ppb
Lead	207-1	0.33	0.32	0.33	0.33	1.98	ppb
Lead	208-1	0.34	0.33	0.34	0.34	1.66	ppb
Lithium	6-1						%
Magnesium	24-2	1150.21	1177.03	1170.11	1165.78	1.19	ppb
Manganese	55-2	9.78	10.07	10.32	10.06	2.68	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-22	Instrumnet Name :	P8
Client Sample ID :	XADP-60-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:55:43	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.03	0.02	53.17	ppb
Molybdenum	95-1	0.06	0.04	0.02	0.04	53.44	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	13.36	ppb
Molybdenum	97-1	0.00	0.03	0.00	0.01	133.78	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.05	1.48	1.24	17.64	ppb
Phosphorus	31-2	435.28	688.91	758.50	627.56	27.11	ppb
Potassium	39-2	451.72	466.68	500.48	472.96	5.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.04	0.90	0.92	0.62	81.40	ppb
Selenium	82-1	0.00	0.38	1.29	0.55	119.94	ppb
Silicon	28-1	1033.03	1002.23	1004.62	1013.30	1.69	ppb
Silver	109-1	0.01	0.01	0.01	0.01	40.24	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.34	ppb
Sodium	23-2	10400.51	10505.97	10537.70	10481.39	0.69	ppb
Strontium	86-1	20.37	20.45	20.13	20.32	0.80	ppb
Strontium	88-1	21.02	21.33	21.02	21.13	0.85	ppb
Sulfur	34-1	599.22	454.20	367.54	473.65	24.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.02	23.14	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	26.99	ppb
Tin	118-1	-0.06	-0.04	-0.05	-0.05		ppb
Titanium	47-1	0.10	0.33	0.25	0.23	50.50	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	35.82	ppb
Vanadium	51-2	0.10	0.11	0.10	0.10	9.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	52.08	52.57	52.11	52.26	0.53	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	33.70	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-22	Instrumnet Name :	P8
Client Sample ID :	XADP-60-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:55:43	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.03	0.02	54.12	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-23	Instrumnet Name :	P8
Client Sample ID :	XADP-61-FL3-LAB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:58:49	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.23	35.41	29.48	33.37	10.11	ppb
Antimony	121-1	0.44	0.37	0.40	0.41	7.92	ppb
Arsenic	75-2	0.37	0.23	0.31	0.30	22.68	ppb
Barium	135-1	20.27	19.97	20.37	20.20	1.03	ppb
Barium	137-1	20.31	19.91	19.94	20.05	1.13	ppb
Beryllium	9-1	-0.02	-0.03	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	52.73	49.64	55.84	52.74	5.87	ppb
Boron	11-1	49.23	49.55	52.93	50.57	4.06	ppb
Cadmium	111-1	0.27	0.38	0.38	0.34	19.49	ppb
Cadmium	106-1	-0.12	1.37	2.00	1.08	100.28	ppb
Cadmium	108-1	1.62	1.63	1.88	1.71	8.74	ppb
Calcium	43-1	7818.00	7853.36	7737.49	7802.95	0.76	ppb
Calcium	44-1	8158.75	8154.52	7968.08	8093.78	1.35	ppb
Chromium	52-2	-0.19	-0.24	-0.21	-0.21		ppb
Cobalt	59-2	0.25	0.25	0.29	0.27	8.68	ppb
Copper	63-2	206.93	205.29	205.85	206.02	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24593.40	24308.58	24398.61	24433.53	0.60	ppb
Iron	57-2	23873.46	23742.59	23850.53	23822.20	0.29	ppb
Lead	206-1	183.06	183.76	182.42	183.08	0.37	ppb
Lead	207-1	172.95	174.14	171.68	172.92	0.71	ppb
Lead	208-1	183.38	184.15	181.68	183.07	0.69	ppb
Lithium	6-1						%
Magnesium	24-2	5656.83	5676.53	5665.43	5666.26	0.17	ppb
Manganese	55-2	201.49	204.42	203.18	203.03	0.73	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-23	Instrumnet Name :	P8
Client Sample ID :	XADP-61-FL3-LAB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:58:49	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.02	0.04	0.04	26.77	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	18.88	ppb
Molybdenum	96-1	0.08	0.08	0.07	0.08	3.11	ppb
Molybdenum	97-1	0.03	0.00	0.01	0.01	119.05	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	19.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	204.70	203.20	202.60	203.50	0.53	ppb
Phosphorus	31-2	191.45	170.94	106.59	156.32	28.32	ppb
Potassium	39-2	906.44	919.33	941.62	922.46	1.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	10.16	0.00	0.00	3.39	173.21	ppb
Selenium	78-2	0.87	0.88	0.88	0.88	0.53	ppb
Selenium	82-1	0.38	0.78	0.85	0.67	37.96	ppb
Silicon	28-1	933.03	937.59	926.98	932.54	0.57	ppb
Silver	109-1	0.00	0.01	0.00	0.00	55.24	ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.99	ppb
Sodium	23-2	18689.05	18513.62	18762.68	18655.12	0.69	ppb
Strontium	86-1	28.60	27.82	28.63	28.35	1.62	ppb
Strontium	88-1	29.19	28.95	29.11	29.08	0.43	ppb
Sulfur	34-1	1718.73	1529.22	1723.50	1657.15	6.69	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.04	0.03	0.03	22.43	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	11.93	ppb
Tin	118-1	1.80	1.77	1.79	1.79	0.93	ppb
Titanium	47-1	0.09	0.12	0.05	0.09	40.52	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.35	ppb
Vanadium	51-2	0.04	0.03	0.03	0.03	17.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5495.39	5455.98	5461.65	5471.00	0.39	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	30.95	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-23	Instrumnet Name :	P8
Client Sample ID :	XADP-61-FL3-LAB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:58:49	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.04	0.05	31.32	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-24 Instrumnet Name : P8
 Client Sample ID : XADP-62-FL3-LAB-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:01:55 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.06	5.83	8.92	6.94	24.83	ppb
Antimony	121-1	0.19	0.16	0.17	0.17	8.48	ppb
Arsenic	75-2	0.04	0.14	0.12	0.10	54.38	ppb
Barium	135-1	19.49	17.15	17.51	18.05	6.99	ppb
Barium	137-1	18.78	17.66	17.89	18.11	3.27	ppb
Beryllium	9-1	0.00	-0.01	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.78	6.86	6.36	7.00	10.34	ppb
Boron	11-1	6.71	6.09	6.93	6.58	6.66	ppb
Cadmium	111-1	0.00	-0.06	-0.05	-0.04		ppb
Cadmium	106-1	-0.17	-1.13	-1.02	-0.77		ppb
Cadmium	108-1	-0.02	0.13	0.04	0.05	150.55	ppb
Calcium	43-1	6768.74	6340.85	6245.86	6451.82	4.32	ppb
Calcium	44-1	7006.15	6634.90	6490.41	6710.49	3.96	ppb
Chromium	52-2	-0.25	-0.28	-0.22	-0.25		ppb
Cobalt	59-2	0.09	0.09	0.06	0.08	24.38	ppb
Copper	63-2	257.49	258.18	258.85	258.17	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	195.27	192.79	195.86	194.64	0.84	ppb
Iron	57-2	191.90	205.76	178.51	192.06	7.09	ppb
Lead	206-1	6.10	5.60	5.76	5.82	4.35	ppb
Lead	207-1	5.78	5.31	5.32	5.47	4.89	ppb
Lead	208-1	5.99	5.50	5.49	5.66	5.07	ppb
Lithium	6-1						%
Magnesium	24-2	1563.17	1498.42	1470.03	1510.54	3.16	ppb
Manganese	55-2	9.14	8.65	9.35	9.05	3.99	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-24	Instrumnet Name :	P8
Client Sample ID :	XADP-62-FL3-LAB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:01:55	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.01	0.02	52.91	ppb
Molybdenum	95-1	0.04	0.02	0.02	0.03	33.90	ppb
Molybdenum	96-1	0.01	0.05	0.04	0.03	54.74	ppb
Molybdenum	97-1	0.03	0.01	-0.02	0.01	269.58	ppb
Molybdenum	98-1	0.04	0.02	0.02	0.03	52.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.70	8.85	9.28	8.95	3.36	ppb
Phosphorus	31-2	139.30	112.18	201.42	150.97	30.30	ppb
Potassium	39-2	605.31	594.94	580.91	593.72	2.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.41	0.00	0.00	1.80	173.21	ppb
Selenium	78-2	0.99	3.60	-0.83	1.25	177.39	ppb
Selenium	82-1	0.56	0.80	0.53	0.63	23.92	ppb
Silicon	28-1	902.32	838.44	845.70	862.15	4.06	ppb
Silver	109-1	0.01	0.01	0.00	0.01	39.31	ppb
Silver	107-1	0.01	0.00	0.01	0.01	83.72	ppb
Sodium	23-2	11274.84	11334.91	11115.30	11241.68	1.01	ppb
Strontium	86-1	23.94	22.29	21.98	22.74	4.64	ppb
Strontium	88-1	24.45	22.78	22.47	23.23	4.58	ppb
Sulfur	34-1	1419.83	428.95	972.20	940.33	52.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.03	0.02	24.59	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	15.35	ppb
Tin	118-1	0.33	0.26	0.27	0.28	13.27	ppb
Titanium	47-1	0.07	0.02	0.05	0.04	57.10	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	1.71	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	25.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	216.67	222.77	211.35	216.93	2.63	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	112.67	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-24	Instrumnet Name :	P8
Client Sample ID :	XADP-62-FL3-LAB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:01:55	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	-0.01	0.01	148.50	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-25 Instrumnet Name : P8
 Client Sample ID : XADP-63-FL3-LAB-W3-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:05:02 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.07	34.18	41.65	36.30	12.86	ppb
Antimony	121-1	0.21	0.19	0.24	0.21	12.32	ppb
Arsenic	75-2	0.26	0.23	0.28	0.26	11.19	ppb
Barium	135-1	20.30	20.30	22.43	21.01	5.84	ppb
Barium	137-1	20.01	20.28	22.57	20.95	6.71	ppb
Beryllium	9-1	-0.01	-0.01	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	36.21	37.01	44.91	39.38	12.21	ppb
Boron	11-1	37.60	39.19	44.02	40.27	8.30	ppb
Cadmium	111-1	0.08	0.14	0.16	0.13	34.67	ppb
Cadmium	106-1	-0.41	0.42	0.42	0.15	328.66	ppb
Cadmium	108-1	0.77	0.53	0.56	0.62	21.12	ppb
Calcium	43-1	7059.56	7019.57	7916.00	7331.71	6.91	ppb
Calcium	44-1	7289.62	7307.46	8200.69	7599.26	6.86	ppb
Chromium	52-2	-0.25	-0.27	-0.31	-0.28		ppb
Cobalt	59-2	0.34	0.39	0.41	0.38	9.05	ppb
Copper	63-2	561.88	569.74	556.34	562.66	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4020.45	4157.84	4088.28	4088.86	1.68	ppb
Iron	57-2	3810.40	3954.60	3824.94	3863.31	2.05	ppb
Lead	206-1	18.17	18.91	19.91	19.00	4.60	ppb
Lead	207-1	16.60	17.15	18.47	17.41	5.50	ppb
Lead	208-1	17.27	17.94	19.22	18.14	5.45	ppb
Lithium	6-1						%
Magnesium	24-2	4005.10	4070.47	3975.08	4016.88	1.21	ppb
Manganese	55-2	91.16	89.96	89.45	90.19	0.97	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-25	Instrumnet Name :	P8
Client Sample ID :	XADP-63-FL3-LAB-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.04	0.03	0.04	24.51	ppb
Molybdenum	95-1	0.08	0.06	0.08	0.07	16.34	ppb
Molybdenum	96-1	0.06	0.08	0.08	0.07	12.87	ppb
Molybdenum	97-1	0.01	0.02	0.05	0.03	78.03	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	7.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.93	35.50	33.40	34.28	3.18	ppb
Phosphorus	31-2	418.65	476.03	186.56	360.41	42.53	ppb
Potassium	39-2	719.81	671.13	676.93	689.29	3.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	0.85	-0.83	-0.27		ppb
Selenium	82-1	0.80	1.25	0.69	0.91	32.55	ppb
Silicon	28-1	724.83	729.16	828.88	760.96	7.74	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.10	ppb
Silver	107-1	0.01	0.01	0.01	0.01	35.39	ppb
Sodium	23-2	14799.29	15214.42	14705.91	14906.54	1.82	ppb
Strontium	86-1	24.90	24.84	28.12	25.95	7.24	ppb
Strontium	88-1	25.81	25.75	28.37	26.64	5.62	ppb
Sulfur	34-1	892.42	1173.31	2575.15	1546.96	58.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.03	0.03	5.38	ppb
Thallium	205-1	0.02	0.02	0.04	0.03	24.01	ppb
Tin	118-1	2.41	2.38	2.68	2.49	6.71	ppb
Titanium	47-1	0.40	0.41	0.52	0.44	15.41	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	8.38	ppb
Vanadium	51-2	0.08	0.09	0.06	0.08	18.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1533.13	1558.29	1515.03	1535.48	1.42	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	14.65	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-25	Instrumnet Name :	P8
Client Sample ID :	XADP-63-FL3-LAB-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.06	0.03	91.66	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-26	Instrumnet Name :	P8
Client Sample ID :	XADP-64-FL3-LAB-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:08:10	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.82	15.62	23.01	18.15	23.20	ppb
Antimony	121-1	0.06	0.08	0.06	0.07	13.03	ppb
Arsenic	75-2	0.36	0.40	0.23	0.33	27.25	ppb
Barium	135-1	14.87	14.68	15.12	14.89	1.48	ppb
Barium	137-1	14.71	15.27	15.60	15.19	2.96	ppb
Beryllium	9-1	0.00	0.03	0.02	0.02	101.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.68	9.97	8.09	8.92	10.80	ppb
Boron	11-1	8.57	8.52	7.72	8.27	5.79	ppb
Cadmium	111-1	-0.02	0.00	-0.14	-0.05		ppb
Cadmium	106-1	-0.38	-0.33	-2.12	-0.94		ppb
Cadmium	108-1	-0.02	0.04	0.07	0.03	151.28	ppb
Calcium	43-1	6052.04	6065.21	6081.28	6066.18	0.24	ppb
Calcium	44-1	6265.06	6317.95	6308.97	6297.32	0.45	ppb
Chromium	52-2	-0.31	-0.17	-0.27	-0.25		ppb
Cobalt	59-2	0.02	0.01	0.03	0.02	38.18	ppb
Copper	63-2	273.96	267.61	269.48	270.35	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	294.38	274.98	292.48	287.28	3.72	ppb
Iron	57-2	282.18	264.96	301.27	282.80	6.42	ppb
Lead	206-1	4.97	4.74	4.84	4.85	2.40	ppb
Lead	207-1	4.43	4.45	4.43	4.44	0.25	ppb
Lead	208-1	4.70	4.61	4.62	4.64	1.00	ppb
Lithium	6-1						%
Magnesium	24-2	1423.64	1402.95	1388.68	1405.09	1.25	ppb
Manganese	55-2	23.33	22.25	22.22	22.60	2.79	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-26	Instrumnet Name :	P8
Client Sample ID :	XADP-64-FL3-LAB-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:08:10	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.02	0.02	7.57	ppb
Molybdenum	95-1	0.07	0.03	0.05	0.05	39.23	ppb
Molybdenum	96-1	0.01	0.03	0.04	0.03	44.64	ppb
Molybdenum	97-1	0.04	0.04	0.02	0.03	44.30	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	13.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.79	4.69	4.85	4.78	1.62	ppb
Phosphorus	31-2	746.00	462.85	421.63	543.49	32.49	ppb
Potassium	39-2	467.26	472.04	455.59	464.96	1.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	10.11	0.00	0.00	3.37	173.21	ppb
Selenium	78-2	-0.83	-0.83	2.60	0.32	626.58	ppb
Selenium	82-1	0.65	-0.07	0.81	0.46	100.33	ppb
Silicon	28-1	999.22	966.87	1088.55	1018.22	6.19	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.03	ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.60	ppb
Sodium	23-2	10628.86	10655.89	10682.91	10655.88	0.25	ppb
Strontium	86-1	20.64	20.91	21.57	21.04	2.29	ppb
Strontium	88-1	21.10	21.37	21.58	21.35	1.13	ppb
Sulfur	34-1	1432.56	494.91	488.60	805.35	67.45	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.00	0.01	58.89	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	17.28	ppb
Tin	118-1	0.97	1.02	1.08	1.02	4.93	ppb
Titanium	47-1	0.47	0.16	0.24	0.29	55.92	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.40	ppb
Vanadium	51-2	0.07	0.04	0.08	0.06	28.04	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	206.78	205.92	203.86	205.52	0.73	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	7.17	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-26	Instrumnet Name :	P8
Client Sample ID :	XADP-64-FL3-LAB-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:08:10	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.02	21.20	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:11:16	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.20	1.21	-0.40	0.67	138.02	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	41.32	ppb
Arsenic	75-2	0.00	0.04	0.00	0.01	253.28	ppb
Barium	135-1	0.00	0.00	0.01	0.00	179.37	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	773.65	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	338.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.45	2.95	2.62	2.67	9.46	ppb
Boron	11-1	1.84	2.07	1.92	1.94	6.27	ppb
Cadmium	111-1	0.10	0.04	-0.06	0.03	272.04	ppb
Cadmium	106-1	1.39	0.52	-0.72	0.40	265.84	ppb
Cadmium	108-1	-0.05	0.01	-0.02	-0.02		ppb
Calcium	43-1	-72.01	-69.58	-61.51	-67.70		ppb
Calcium	44-1	-14.04	-9.23	-10.98	-11.42		ppb
Chromium	52-2	-0.34	-0.27	-0.36	-0.32		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.06	0.01	0.01	0.03	100.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.19	-0.32	-0.28	-0.26		ppb
Iron	57-2	-0.97	-0.50	-0.06	-0.51		ppb
Lead	206-1	503.44	496.11	503.60	501.05	0.85	ppb
Lead	207-1	504.80	502.80	500.07	502.56	0.47	ppb
Lead	208-1	501.39	500.07	500.17	500.54	0.15	ppb
Lithium	6-1						%
Magnesium	24-2	-0.30	-0.96	-1.96	-1.07		ppb
Manganese	55-2	0.01	0.09	0.04	0.05	85.31	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:11:16	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.00	0.00	182.44	ppb
Molybdenum	95-1	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.01	-0.01	-0.02	-0.02		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.04	0.00	916.77	ppb
Phosphorus	31-2	-22.77	-22.77	-22.77	-22.77		ppb
Potassium	39-2	-6.24	4.08	-13.06	-5.08		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.48	0.00	1.83	173.21	ppb
Selenium	78-2	0.99	-0.83	0.08	0.08	1120.12	ppb
Selenium	82-1	-0.14	0.52	-0.17	0.07	540.70	ppb
Silicon	28-1	-28.22	-27.92	-27.25	-27.80		ppb
Silver	109-1	0.00	0.00	0.00	0.00	99.62	ppb
Silver	107-1	0.01	0.00	0.00	0.00	53.33	ppb
Sodium	23-2	27.15	26.98	29.70	27.94	5.45	ppb
Strontium	86-1	-0.06	-0.02	-0.04	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	317.07	116.59	349.93	261.19	48.36	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	13.26	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	16.20	ppb
Tin	118-1	-0.08	-0.06	-0.06	-0.07		ppb
Titanium	47-1	-0.01	-0.08	-0.07	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	60.93	ppb
Vanadium	51-2	0.01	-0.01	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.42	-0.47	-0.28	-0.39		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:11:16	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.01	0.01	95.41	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:14:23	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	-1.99	2.71	0.10	2349.32	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	47.67	ppb
Arsenic	75-2	0.00	-0.03	0.04	0.00	1333.94	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	0.00	0.01	0.00	1975.52	ppb
Beryllium	9-1	-0.03	0.01	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.21	1.25	1.55	1.34	14.10	ppb
Boron	11-1	1.65	1.18	1.40	1.41	16.62	ppb
Cadmium	111-1	-0.07	-0.04	-0.01	-0.04		ppb
Cadmium	106-1	-0.93	-0.44	-0.10	-0.49		ppb
Cadmium	108-1	-0.05	-0.02	-0.02	-0.03		ppb
Calcium	43-1	-49.89	-59.38	-62.88	-57.39		ppb
Calcium	44-1	-8.09	-14.42	-18.45	-13.65		ppb
Chromium	52-2	-0.10	-0.09	-0.02	-0.07		ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.01	0.03	0.02	0.02	50.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.34	-0.34	-0.23	-0.30		ppb
Iron	57-2	-2.37	-1.02	0.80	-0.87		ppb
Lead	206-1	0.07	0.04	0.04	0.05	36.00	ppb
Lead	207-1	0.06	0.04	0.04	0.05	29.24	ppb
Lead	208-1	0.06	0.05	0.04	0.05	16.01	ppb
Lithium	6-1						%
Magnesium	24-2	-1.34	-1.01	-1.33	-1.23		ppb
Manganese	55-2	-0.01	0.03	-0.01	0.00	532.53	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:14:23	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.00	-0.01	-0.03	-0.02		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.05	-0.04	-0.03		ppb
Phosphorus	31-2	-22.77	-22.77	-22.77	-22.77		ppb
Potassium	39-2	4.92	6.35	-13.51	-0.75		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.39	0.00	0.00	1.80	173.21	ppb
Selenium	78-2	1.89	0.98	-0.83	0.68	202.51	ppb
Selenium	82-1	0.15	1.08	0.31	0.51	96.87	ppb
Silicon	28-1	-13.58	-30.81	-30.74	-25.05		ppb
Silver	109-1	0.00	0.01	0.00	0.00	171.04	ppb
Silver	107-1	0.00	0.00	0.00	0.00	131.32	ppb
Sodium	23-2	22.84	27.11	22.45	24.13	10.71	ppb
Strontium	86-1	0.07	-0.01	0.03	0.03	148.56	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	1884.08	362.47	532.69	926.42	89.99	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.03	0.02	26.42	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	7.91	ppb
Tin	118-1	-0.02	-0.03	0.00	-0.02		ppb
Titanium	47-1	0.00	-0.03	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.71	-0.32	-0.46	-0.49		ppb
Zirconium	90-1	0.01	-0.01	-0.01	0.00		ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:14:23	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.04	0.02	105.14	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103520BL	Instrumnet Name :	P8
Client Sample ID :	PB103520BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:20:29	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.99	-0.38	1.22	-0.38		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	102.34	ppb
Arsenic	75-2	0.00	-0.03	-0.03	-0.02		ppb
Barium	135-1	-0.01	0.00	0.01	0.00		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.23	1.25	0.81	0.76	66.75	ppb
Boron	11-1	0.80	0.82	0.71	0.78	7.76	ppb
Cadmium	111-1	-0.11	-0.07	0.03	-0.05		ppb
Cadmium	106-1	-1.51	-0.99	0.47	-0.68		ppb
Cadmium	108-1	-0.02	-0.02	-0.09	-0.04		ppb
Calcium	43-1	-57.68	-58.93	-60.57	-59.06		ppb
Calcium	44-1	-15.38	-15.94	-14.81	-15.38		ppb
Chromium	52-2	0.00	-0.14	0.11	-0.01		ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	0.00	0.01	0.03	0.01	134.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.27	-0.27	-0.49	-0.34		ppb
Iron	57-2	-0.45	-0.94	-2.34	-1.24		ppb
Lead	206-1	0.04	0.04	0.03	0.03	14.40	ppb
Lead	207-1	0.03	0.01	-0.01	0.01	178.91	ppb
Lead	208-1	0.03	0.03	0.02	0.03	19.35	ppb
Lithium	6-1						%
Magnesium	24-2	0.09	1.07	0.05	0.40	144.14	ppb
Manganese	55-2	0.01	-0.02	-0.02	-0.01		ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103520BL	Instrumnet Name :	P8
Client Sample ID :	PB103520BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:20:29	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	318.02	ppb
Molybdenum	97-1	0.00	-0.04	-0.01	-0.02		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	-0.03	-0.03		ppb
Phosphorus	31-2	0.54	-22.77	0.26	-7.32		ppb
Potassium	39-2	-0.53	-11.01	4.56	-2.33		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.53	1.84	173.21	ppb
Selenium	78-2	-0.83	1.02	0.10	0.10	931.17	ppb
Selenium	82-1	0.52	-0.35	0.71	0.29	194.46	ppb
Silicon	28-1	-30.75	-28.61	-28.88	-29.41		ppb
Silver	109-1	0.00	0.00	0.01	0.00	192.43	ppb
Silver	107-1	0.01	0.01	0.00	0.00	74.22	ppb
Sodium	23-2	29.38	27.29	32.53	29.73	8.86	ppb
Strontium	86-1	-0.03	-0.06	-0.07	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	424.98	443.69	516.85	461.84	10.51	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.00	0.01	0.01	99.73	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	53.01	ppb
Tin	118-1	-0.02	-0.04	-0.06	-0.04		ppb
Titanium	47-1	-0.07	0.05	-0.05	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.52	-0.64	-0.50	-0.55		ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103520BL	Instrumnet Name :	P8
Client Sample ID :	PB103520BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:20:29	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	39.49	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103520BS	Instrumnet Name :	P8
Client Sample ID :	PB103520BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:23:36	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.34	2.87	-0.37	0.72	258.58	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	140.07	ppb
Arsenic	75-2	-0.03	0.00	0.02	0.00		ppb
Barium	135-1	0.03	0.00	0.01	0.01	97.25	ppb
Barium	137-1	0.01	0.01	0.01	0.01	2.09	ppb
Beryllium	9-1	0.00	0.02	-0.02	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.37	0.83	1.14	1.11	24.19	ppb
Boron	11-1	0.97	0.64	0.66	0.76	24.46	ppb
Cadmium	111-1	-0.07	-0.07	-0.14	-0.09		ppb
Cadmium	106-1	-0.93	-1.03	-1.82	-1.26		ppb
Cadmium	108-1	-0.09	-0.05	0.08	-0.02		ppb
Calcium	43-1	-59.79	-52.13	-55.46	-55.79		ppb
Calcium	44-1	-10.62	-9.25	-9.11	-9.66		ppb
Chromium	52-2	-0.17	-0.16	-0.13	-0.15		ppb
Cobalt	59-2	0.00	0.02	-0.01	0.00	317.79	ppb
Copper	63-2	0.00	0.03	-0.01	0.01	291.33	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.44	0.32	0.25	0.34	27.33	ppb
Iron	57-2	-0.87	-0.92	-0.93	-0.91		ppb
Lead	206-1	497.05	495.69	492.78	495.17	0.44	ppb
Lead	207-1	500.66	497.14	500.40	499.40	0.39	ppb
Lead	208-1	500.41	494.74	497.12	497.42	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	1.19	-1.26	0.75	0.22	579.72	ppb
Manganese	55-2	0.07	0.03	0.10	0.06	53.07	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103520BS	Instrumnet Name :	P8
Client Sample ID :	PB103520BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:23:36	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	0.01	0.00	2582.79	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	36.84	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	29.37	ppb
Molybdenum	97-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.05	-0.02	0.01	257.97	ppb
Phosphorus	31-2	24.73	-22.77	0.44	0.80	2961.86	ppb
Potassium	39-2	-3.59	-9.60	-5.39	-6.19		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.53	1.84	173.21	ppb
Selenium	78-2	0.10	-0.83	-0.83	-0.52		ppb
Selenium	82-1	1.17	0.82	-0.12	0.62	107.25	ppb
Silicon	28-1	-25.51	-25.08	-27.97	-26.19		ppb
Silver	109-1	0.00	0.00	0.00	0.00	440.07	ppb
Silver	107-1	0.00	0.00	0.00	0.00	7669.35	ppb
Sodium	23-2	30.17	32.20	28.39	30.25	6.31	ppb
Strontium	86-1	-0.06	-0.07	0.04	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	28.30	ppb
Sulfur	34-1	650.51	674.92	450.87	592.10	20.76	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	77.09	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	63.68	ppb
Tin	118-1	-0.07	-0.08	-0.05	-0.07		ppb
Titanium	47-1	-0.02	-0.01	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.16	-0.35	-0.18	-0.23		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103520BS	Instrumnet Name :	P8
Client Sample ID :	PB103520BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:23:36	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.00	0.01	89.07	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-01 Instrumnet Name : P8
 Client Sample ID : XADI-109-FL3-CL301P-V Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:26:44 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.15	6.48	6.04	5.22	34.55	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	3.69	ppb
Arsenic	75-2	0.38	0.49	0.23	0.36	36.33	ppb
Barium	135-1	16.00	15.59	15.62	15.74	1.44	ppb
Barium	137-1	16.03	15.31	15.40	15.58	2.53	ppb
Beryllium	9-1	-0.03	0.00	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.22	5.34	5.20	4.92	12.41	ppb
Boron	11-1	4.36	4.13	5.25	4.58	12.88	ppb
Cadmium	111-1	0.00	0.00	-0.02	-0.01		ppb
Cadmium	106-1	-0.95	-0.73	-1.10	-0.92		ppb
Cadmium	108-1	0.22	0.11	0.30	0.21	46.99	ppb
Calcium	43-1	6499.17	6116.76	6171.62	6262.51	3.30	ppb
Calcium	44-1	6639.26	6524.77	6413.08	6525.70	1.73	ppb
Chromium	52-2	-0.28	-0.20	-0.24	-0.24		ppb
Cobalt	59-2	0.02	0.02	0.04	0.03	38.98	ppb
Copper	63-2	291.57	285.24	287.74	288.18	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	34.90	33.20	33.85	33.98	2.52	ppb
Iron	57-2	29.44	27.07	31.03	29.18	6.83	ppb
Lead	206-1	1.97	1.77	1.88	1.87	5.31	ppb
Lead	207-1	1.78	1.70	1.70	1.73	2.82	ppb
Lead	208-1	1.85	1.75	1.77	1.79	2.98	ppb
Lithium	6-1						%
Magnesium	24-2	1225.71	1215.15	1182.93	1207.93	1.84	ppb
Manganese	55-2	5.06	5.07	5.05	5.06	0.15	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-01	Instrumnet Name :	P8
Client Sample ID :	XADI-109-FL3-CL301P-V	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:26:44	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.02	15.82	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	14.07	ppb
Molybdenum	96-1	0.13	0.01	0.03	0.06	102.87	ppb
Molybdenum	97-1	-0.01	0.03	0.01	0.01	194.20	ppb
Molybdenum	98-1	0.04	0.04	0.02	0.03	36.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.93	10.17	10.40	10.50	3.71	ppb
Phosphorus	31-2	495.14	464.42	623.83	527.80	16.02	ppb
Potassium	39-2	483.61	451.27	460.72	465.20	3.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	-0.83	0.09	-0.52		ppb
Selenium	82-1	0.15	0.16	0.28	0.20	35.25	ppb
Silicon	28-1	1069.09	1012.68	1010.11	1030.63	3.23	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.87	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.20	ppb
Sodium	23-2	9743.29	9428.81	9574.41	9582.17	1.64	ppb
Strontium	86-1	22.48	21.11	21.15	21.58	3.61	ppb
Strontium	88-1	23.36	21.50	21.70	22.19	4.60	ppb
Sulfur	34-1	1235.52	809.94	1542.04	1195.83	30.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	37.49	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	11.15	ppb
Tin	118-1	0.03	0.00	0.02	0.01	93.04	ppb
Titanium	47-1	0.24	0.15	1.37	0.59	115.47	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	17.90	ppb
Vanadium	51-2	0.08	0.06	0.06	0.07	17.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	456.44	450.80	454.83	454.02	0.64	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	39.43	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-01	Instrumnet Name :	P8
Client Sample ID :	XADI-109-FL3-CL301P-V	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:26:44	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	10.30	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-02 Instrumnet Name : P8
 Client Sample ID : XADI-110-FL3-CL301P-V Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:29:51 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.70	2.43	5.35	5.83	62.77	ppb
Antimony	121-1	0.07	0.06	0.07	0.06	6.27	ppb
Arsenic	75-2	0.32	0.17	0.44	0.31	43.76	ppb
Barium	135-1	15.81	15.06	14.93	15.26	3.10	ppb
Barium	137-1	15.73	15.37	15.23	15.44	1.64	ppb
Beryllium	9-1	-0.02	-0.03	-0.02	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.41	3.88	4.92	4.40	11.82	ppb
Boron	11-1	4.51	4.32	4.55	4.46	2.69	ppb
Cadmium	111-1	-0.06	0.01	-0.03	-0.03		ppb
Cadmium	106-1	-1.08	-0.02	-0.57	-0.56		ppb
Cadmium	108-1	-0.02	-0.09	0.01	-0.03		ppb
Calcium	43-1	6349.66	5970.66	5914.24	6078.19	3.90	ppb
Calcium	44-1	6541.67	6253.83	6264.17	6353.23	2.57	ppb
Chromium	52-2	-0.29	-0.30	-0.35	-0.32		ppb
Cobalt	59-2	0.02	0.00	-0.01	0.00	1723.27	ppb
Copper	63-2	387.42	390.71	387.29	388.47	0.50	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	38.73	37.93	38.04	38.23	1.13	ppb
Iron	57-2	35.52	38.39	31.46	35.12	9.91	ppb
Lead	206-1	0.64	0.57	0.61	0.60	6.05	ppb
Lead	207-1	0.54	0.60	0.56	0.57	4.69	ppb
Lead	208-1	0.59	0.58	0.58	0.58	1.21	ppb
Lithium	6-1						%
Magnesium	24-2	1178.77	1162.97	1162.46	1168.07	0.79	ppb
Manganese	55-2	8.16	8.21	7.83	8.06	2.57	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-02	Instrumnet Name :	P8
Client Sample ID :	XADI-110-FL3-CL301P-V	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:29:51	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.01	0.02	41.10	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	24.25	ppb
Molybdenum	96-1	0.07	0.03	0.03	0.05	54.54	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	22.66	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	7.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	2.40	2.18	2.17	11.03	ppb
Phosphorus	31-2	481.92	422.33	420.85	441.70	7.89	ppb
Potassium	39-2	443.60	460.37	471.83	458.60	3.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.09	0.00	1.70	173.21	ppb
Selenium	78-2	0.85	-0.83	1.73	0.58	222.13	ppb
Selenium	82-1	0.75	0.63	0.45	0.61	25.01	ppb
Silicon	28-1	1050.91	1041.90	1001.06	1031.29	2.58	ppb
Silver	109-1	0.04	0.03	0.03	0.03	23.02	ppb
Silver	107-1	0.03	0.02	0.02	0.02	15.92	ppb
Sodium	23-2	9439.91	9505.31	9541.64	9495.62	0.54	ppb
Strontium	86-1	21.76	20.33	20.32	20.80	3.96	ppb
Strontium	88-1	21.92	21.20	21.20	21.44	1.92	ppb
Sulfur	34-1	653.57	204.45	40.84	299.62	105.88	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.02	0.01	17.45	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	2.62	ppb
Tin	118-1	-0.04	-0.03	-0.05	-0.04		ppb
Titanium	47-1	0.15	0.15	1.14	0.48	119.31	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	28.50	ppb
Vanadium	51-2	0.04	0.11	0.08	0.08	41.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	35.39	35.41	36.02	35.61	1.01	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	39.00	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-02	Instrumnet Name :	P8
Client Sample ID :	XADI-110-FL3-CL301P-V	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:29:51	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.04	0.02	56.43	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-03 Instrumnet Name : P8
 Client Sample ID : XADI-111-FL3-CL303-C-I Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:32:58 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.79	5.43	-0.49	4.58	102.68	ppb
Antimony	121-1	0.11	0.12	0.10	0.11	6.82	ppb
Arsenic	75-2	0.27	0.15	0.15	0.19	35.75	ppb
Barium	135-1	16.61	16.94	16.83	16.79	1.00	ppb
Barium	137-1	16.92	17.15	16.97	17.01	0.71	ppb
Beryllium	9-1	0.00	-0.01	-0.04	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.79	5.75	5.42	5.32	9.17	ppb
Boron	11-1	4.94	4.85	5.04	4.94	1.99	ppb
Cadmium	111-1	0.23	0.18	0.20	0.20	13.18	ppb
Cadmium	106-1	-0.23	-0.19	-0.45	-0.29		ppb
Cadmium	108-1	0.23	0.48	0.26	0.32	42.70	ppb
Calcium	43-1	5665.96	5572.02	5566.78	5601.59	1.00	ppb
Calcium	44-1	5850.69	5813.43	5863.30	5842.47	0.44	ppb
Chromium	52-2	-0.32	-0.31	-0.22	-0.29		ppb
Cobalt	59-2	0.33	0.26	0.28	0.29	11.89	ppb
Copper	63-2	258.55	251.94	249.98	253.49	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24.89	22.77	23.76	23.81	4.46	ppb
Iron	57-2	20.73	21.55	36.89	26.39	34.48	ppb
Lead	206-1	4.57	4.49	4.57	4.54	1.05	ppb
Lead	207-1	4.09	4.09	4.19	4.13	1.40	ppb
Lead	208-1	4.34	4.32	4.36	4.34	0.46	ppb
Lithium	6-1						%
Magnesium	24-2	1157.75	1120.89	1173.50	1150.71	2.35	ppb
Manganese	55-2	8.76	9.14	8.29	8.73	4.85	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-03	Instrumnet Name :	P8
Client Sample ID :	XADI-111-FL3-CL303-C-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:32:58	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.02	0.01	54.15	ppb
Molybdenum	95-1	0.04	0.02	0.04	0.03	30.68	ppb
Molybdenum	96-1	0.06	0.02	0.03	0.03	53.63	ppb
Molybdenum	97-1	0.00	0.02	0.01	0.01	91.11	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	15.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	381.43	364.22	366.52	370.72	2.52	ppb
Phosphorus	31-2	220.99	147.99	127.94	165.64	29.57	ppb
Potassium	39-2	483.73	466.44	472.94	474.37	1.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	0.87	3.44	1.16	184.67	ppb
Selenium	82-1	0.79	0.54	0.74	0.69	19.45	ppb
Silicon	28-1	975.13	990.67	992.64	986.15	0.97	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.27	ppb
Silver	107-1	0.21	0.02	0.02	0.08	135.98	ppb
Sodium	23-2	9995.45	9619.16	9692.81	9769.14	2.04	ppb
Strontium	86-1	19.48	19.38	19.45	19.44	0.24	ppb
Strontium	88-1	19.84	20.12	19.86	19.94	0.77	ppb
Sulfur	34-1	43.62	127.02	305.23	158.62	84.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	29.57	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	20.26	ppb
Tin	118-1	-0.02	-0.05	-0.03	-0.03		ppb
Titanium	47-1	0.07	0.07	0.10	0.08	22.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	56.71	ppb
Vanadium	51-2	0.05	0.06	0.03	0.05	29.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	688.68	650.09	663.69	667.49	2.93	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	87.61	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-03	Instrumnet Name :	P8
Client Sample ID :	XADI-111-FL3-CL303-C-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:32:58	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	23.10	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-04 Instrumnet Name : P8
 Client Sample ID : XADI-112-FL3-CL303-C-I Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:36:05 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.42	13.34	14.50	10.09	66.05	ppb
Antimony	121-1	0.05	0.07	0.04	0.06	24.96	ppb
Arsenic	75-2	0.25	0.37	0.31	0.31	19.05	ppb
Barium	135-1	14.07	13.63	13.65	13.79	1.80	ppb
Barium	137-1	13.64	14.00	13.93	13.85	1.39	ppb
Beryllium	9-1	-0.01	-0.01	-0.03	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.18	4.67	4.66	4.50	6.24	ppb
Boron	11-1	4.20	4.47	4.34	4.34	3.03	ppb
Cadmium	111-1	-0.07	-0.10	-0.09	-0.09		ppb
Cadmium	106-1	-1.23	-1.67	-1.41	-1.44		ppb
Cadmium	108-1	0.04	0.04	-0.09	-0.01		ppb
Calcium	43-1	5830.39	5793.98	5888.38	5837.58	0.82	ppb
Calcium	44-1	6058.47	6047.05	6079.74	6061.75	0.27	ppb
Chromium	52-2	-0.31	-0.29	-0.26	-0.28		ppb
Cobalt	59-2	0.03	0.00	0.01	0.01	98.95	ppb
Copper	63-2	205.77	214.16	208.83	209.58	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	23.45	23.46	23.04	23.32	1.02	ppb
Iron	57-2	23.44	23.28	20.95	22.56	6.18	ppb
Lead	206-1	0.60	0.62	0.60	0.60	1.82	ppb
Lead	207-1	0.52	0.55	0.55	0.54	3.04	ppb
Lead	208-1	0.56	0.58	0.56	0.56	2.42	ppb
Lithium	6-1						%
Magnesium	24-2	1181.85	1193.08	1169.15	1181.36	1.01	ppb
Manganese	55-2	15.46	16.38	15.64	15.82	3.09	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-04	Instrumnet Name :	P8
Client Sample ID :	XADI-112-FL3-CL303-C-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:36:05	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.02	0.02	32.90	ppb
Molybdenum	95-1	0.07	0.03	0.05	0.05	33.31	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	7.99	ppb
Molybdenum	97-1	0.00	0.03	0.02	0.01	113.32	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	25.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.83	10.27	10.40	10.17	2.93	ppb
Phosphorus	31-2	696.48	705.26	581.32	661.02	10.46	ppb
Potassium	39-2	468.38	475.73	505.29	483.13	4.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	2.75	0.03	0.65	286.24	ppb
Selenium	82-1	0.04	0.39	0.55	0.33	81.15	ppb
Silicon	28-1	982.16	994.44	966.53	981.04	1.43	ppb
Silver	109-1	0.04	0.02	0.02	0.03	35.79	ppb
Silver	107-1	0.01	0.03	0.02	0.02	46.15	ppb
Sodium	23-2	9572.95	9854.50	9641.37	9689.61	1.52	ppb
Strontium	86-1	19.79	19.98	19.73	19.83	0.67	ppb
Strontium	88-1	20.47	20.38	20.53	20.46	0.36	ppb
Sulfur	34-1	367.98	210.39	541.27	373.22	44.34	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.01	32.49	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.76	ppb
Tin	118-1	-0.02	-0.05	-0.01	-0.03		ppb
Titanium	47-1	0.27	1.20	0.25	0.57	94.60	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	23.14	ppb
Vanadium	51-2	0.09	0.09	0.12	0.10	15.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	46.00	48.75	46.98	47.24	2.95	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	30.71	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-04	Instrumnet Name :	P8
Client Sample ID :	XADI-112-FL3-CL303-C-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:36:05	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.02	0.03	17.30	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-05 Instrumnet Name : P8
 Client Sample ID : XADI-113-FL3-CL305-W2 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:39:12 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	4.01	2.53	2.04	110.67	ppb
Antimony	121-1	0.35	0.36	0.35	0.35	1.84	ppb
Arsenic	75-2	0.20	0.33	0.11	0.22	51.24	ppb
Barium	135-1	22.10	22.60	22.45	22.38	1.14	ppb
Barium	137-1	22.60	22.33	22.25	22.39	0.80	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.72	5.42	5.63	5.26	9.08	ppb
Boron	11-1	4.93	4.37	4.83	4.71	6.33	ppb
Cadmium	111-1	0.70	0.65	0.65	0.67	4.64	ppb
Cadmium	106-1	1.63	0.90	0.54	1.02	54.14	ppb
Cadmium	108-1	2.49	3.04	2.65	2.73	10.30	ppb
Calcium	43-1	5886.62	5855.66	6083.22	5941.83	2.08	ppb
Calcium	44-1	6154.45	6181.64	6327.58	6221.22	1.50	ppb
Chromium	52-2	-0.35	-0.33	-0.41	-0.36		ppb
Cobalt	59-2	3.36	3.36	3.69	3.47	5.56	ppb
Copper	63-2	534.87	533.97	540.23	536.35	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7.22	7.08	7.05	7.12	1.33	ppb
Iron	57-2	7.57	4.94	7.13	6.55	21.56	ppb
Lead	206-1	16.79	16.92	16.93	16.88	0.48	ppb
Lead	207-1	15.38	15.43	15.42	15.41	0.18	ppb
Lead	208-1	16.06	16.03	16.22	16.10	0.64	ppb
Lithium	6-1						%
Magnesium	24-2	1256.79	1235.71	1275.61	1256.04	1.59	ppb
Manganese	55-2	36.81	35.80	37.81	36.80	2.74	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-05	Instrumnet Name :	P8
Client Sample ID :	XADI-113-FL3-CL305-W2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:39:12	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.02	0.01	52.74	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	10.37	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	18.73	ppb
Molybdenum	97-1	0.00	0.00	0.02	0.00	269.89	ppb
Molybdenum	98-1	0.06	0.03	0.04	0.04	37.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2130.06	2139.86	2143.65	2137.86	0.33	ppb
Phosphorus	31-2	-0.25	-1.18	150.41	49.66	175.71	ppb
Potassium	39-2	574.71	552.88	618.02	581.87	5.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	-0.83	-0.83	-0.83		ppb
Selenium	82-1	0.59	0.28	0.19	0.35	59.89	ppb
Silicon	28-1	1655.01	1633.03	1666.67	1651.57	1.03	ppb
Silver	109-1	0.06	0.03	0.02	0.04	56.46	ppb
Silver	107-1	0.03	0.03	0.03	0.03	8.14	ppb
Sodium	23-2	9686.90	9719.99	9723.00	9709.96	0.21	ppb
Strontium	86-1	21.58	22.04	22.80	22.14	2.78	ppb
Strontium	88-1	22.56	22.72	23.29	22.86	1.70	ppb
Sulfur	34-1	1025.99	561.95	1552.13	1046.69	47.33	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.06	0.05	0.05	11.35	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	15.34	ppb
Tin	118-1	0.02	-0.02	0.01	0.01	347.69	ppb
Titanium	47-1	0.04	0.07	-0.01	0.04	113.32	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	33.63	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	57.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7351.86	7368.46	7461.57	7393.96	0.80	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	81.29	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-05	Instrumnet Name :	P8
Client Sample ID :	XADI-113-FL3-CL305-W2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:39:12	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.01	130.66	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-06 Instrumnet Name : P8
 Client Sample ID : XADI-114-FL3-CL305-W2 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:42:19 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.89	5.19	8.41	5.83	39.93	ppb
Antimony	121-1	0.07	0.07	0.06	0.07	7.37	ppb
Arsenic	75-2	0.17	0.21	0.13	0.17	22.22	ppb
Barium	135-1	24.04	21.07	21.14	22.08	7.66	ppb
Barium	137-1	24.63	21.41	21.35	22.46	8.37	ppb
Beryllium	9-1	-0.01	-0.04	0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.45	4.27	4.17	4.29	3.32	ppb
Boron	11-1	4.59	4.57	4.54	4.57	0.64	ppb
Cadmium	111-1	-0.07	-0.02	0.00	-0.03		ppb
Cadmium	106-1	-1.70	-0.55	-0.49	-0.91		ppb
Cadmium	108-1	-0.05	0.16	0.07	0.06	186.48	ppb
Calcium	43-1	6824.57	5899.99	5868.23	6197.60	8.76	ppb
Calcium	44-1	7141.07	6243.82	6276.46	6553.78	7.76	ppb
Chromium	52-2	-0.31	-0.41	-0.26	-0.33		ppb
Cobalt	59-2	0.16	0.19	0.20	0.18	10.66	ppb
Copper	63-2	1055.49	1030.83	1027.29	1037.87	1.48	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24.23	24.43	24.84	24.50	1.26	ppb
Iron	57-2	22.58	23.23	22.87	22.89	1.43	ppb
Lead	206-1	2.96	2.51	2.47	2.65	10.20	ppb
Lead	207-1	2.78	2.35	2.41	2.51	9.21	ppb
Lead	208-1	2.85	2.46	2.44	2.59	8.89	ppb
Lithium	6-1						%
Magnesium	24-2	1260.87	1231.89	1274.27	1255.67	1.73	ppb
Manganese	55-2	84.89	83.97	88.42	85.76	2.74	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-06 Instrumnet Name : P8
 Client Sample ID : XADI-114-FL3-CL305-W2 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:42:19 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	0.00	0.01	81.16	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	22.63	ppb
Molybdenum	96-1	0.03	0.04	0.02	0.03	37.68	ppb
Molybdenum	97-1	0.03	0.00	0.01	0.02	100.14	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	4.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.93	94.68	98.48	96.36	2.01	ppb
Phosphorus	31-2	273.18	142.55	233.79	216.51	30.95	ppb
Potassium	39-2	508.04	454.80	489.36	484.07	5.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	0.85	0.03	0.30	161.07	ppb
Selenium	82-1	0.31	0.31	0.05	0.22	66.78	ppb
Silicon	28-1	1991.52	1711.25	1706.29	1803.02	9.06	ppb
Silver	109-1	0.02	0.02	0.02	0.02	21.67	ppb
Silver	107-1	0.03	0.02	0.02	0.03	25.67	ppb
Sodium	23-2	9486.64	9200.86	9557.16	9414.89	2.00	ppb
Strontium	86-1	25.02	21.64	22.22	22.96	7.87	ppb
Strontium	88-1	25.59	22.52	22.64	23.59	7.37	ppb
Sulfur	34-1	1959.59	281.40	305.71	848.90	113.32	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	30.33	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	12.66	ppb
Tin	118-1	0.03	0.02	-0.02	0.01	289.49	ppb
Titanium	47-1	0.11	0.13	0.13	0.13	7.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	32.52	ppb
Vanadium	51-2	0.01	0.02	0.05	0.03	79.91	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	188.84	188.27	192.34	189.82	1.16	ppb
Zirconium	90-1	0.00	0.01	0.15	0.05	157.37	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-06	Instrumnet Name :	P8
Client Sample ID :	XADI-114-FL3-CL305-W2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:42:19	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	33.08	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-07 Instrumnet Name : P8
 Client Sample ID : XADI-115-FL3-BRG-W4-I Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:45:27 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.61	2.44	11.57	8.87	63.07	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	2.86	ppb
Arsenic	75-2	0.40	0.40	0.33	0.38	11.47	ppb
Barium	135-1	14.47	14.73	14.07	14.42	2.32	ppb
Barium	137-1	14.84	14.44	14.39	14.56	1.68	ppb
Beryllium	9-1	-0.03	0.02	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.25	5.20	5.38	4.95	12.33	ppb
Boron	11-1	4.64	4.77	4.51	4.64	2.79	ppb
Cadmium	111-1	-0.04	-0.12	0.00	-0.05		ppb
Cadmium	106-1	-0.57	-1.71	-0.04	-0.78		ppb
Cadmium	108-1	0.12	0.03	0.12	0.09	55.55	ppb
Calcium	43-1	6020.81	5976.03	6086.35	6027.73	0.92	ppb
Calcium	44-1	6314.52	6334.48	6287.70	6312.23	0.37	ppb
Chromium	52-2	-0.29	-0.25	-0.20	-0.25		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	129.70	ppb
Copper	63-2	257.02	258.81	264.13	259.98	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	23.73	24.65	27.04	25.14	6.81	ppb
Iron	57-2	30.00	18.86	27.60	25.49	23.02	ppb
Lead	206-1	3.24	3.28	3.21	3.24	1.15	ppb
Lead	207-1	3.00	3.05	3.05	3.03	0.90	ppb
Lead	208-1	3.12	3.16	3.13	3.14	0.59	ppb
Lithium	6-1						%
Magnesium	24-2	1139.85	1152.02	1226.71	1172.86	4.01	ppb
Manganese	55-2	14.08	15.14	15.27	14.83	4.42	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-07	Instrumnet Name :	P8
Client Sample ID :	XADI-115-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:45:27	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.01	0.02	0.02	76.68	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.02	15.53	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	24.08	ppb
Molybdenum	97-1	0.01	0.04	0.02	0.02	58.37	ppb
Molybdenum	98-1	0.05	0.02	0.04	0.03	44.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.44	4.44	4.46	4.45	0.20	ppb
Phosphorus	31-2	796.51	677.82	649.34	707.89	11.03	ppb
Potassium	39-2	469.35	470.67	493.04	477.69	2.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	0.87	0.03	0.31	159.46	ppb
Selenium	82-1	0.35	1.19	0.30	0.62	80.65	ppb
Silicon	28-1	998.48	970.81	986.57	985.29	1.41	ppb
Silver	109-1	0.02	0.02	0.03	0.02	25.42	ppb
Silver	107-1	0.02	0.02	0.01	0.01	12.63	ppb
Sodium	23-2	9477.70	9559.83	9712.82	9583.45	1.25	ppb
Strontium	86-1	19.81	20.22	20.02	20.02	1.03	ppb
Strontium	88-1	21.20	21.11	21.06	21.12	0.36	ppb
Sulfur	34-1	217.96	184.17	314.08	238.74	28.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	18.86	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.02	ppb
Tin	118-1	0.00	-0.04	-0.03	-0.02		ppb
Titanium	47-1	0.29	0.26	0.24	0.26	9.03	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.04	ppb
Vanadium	51-2	0.09	0.09	0.05	0.08	34.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	181.59	173.74	184.53	179.95	3.10	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	52.38	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-07	Instrumnet Name :	P8
Client Sample ID :	XADI-115-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:45:27	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.01	0.02	34.80	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-08 Instrumnet Name : P8
 Client Sample ID : XADI-116-FL3-BRG-W4-I Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:48:33 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.97	13.33	7.00	11.10	32.06	ppb
Antimony	121-1	0.05	0.06	0.06	0.05	8.53	ppb
Arsenic	75-2	0.31	0.36	0.31	0.33	7.99	ppb
Barium	135-1	15.32	15.15	15.19	15.22	0.59	ppb
Barium	137-1	15.23	15.23	15.19	15.21	0.15	ppb
Beryllium	9-1	-0.01	-0.03	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.38	3.88	4.92	4.39	11.93	ppb
Boron	11-1	4.35	4.76	4.59	4.56	4.47	ppb
Cadmium	111-1	-0.11	-0.02	0.00	-0.04		ppb
Cadmium	106-1	-1.69	-0.21	-0.38	-0.76		ppb
Cadmium	108-1	0.00	0.10	-0.06	0.01	525.19	ppb
Calcium	43-1	5974.32	6055.35	6071.42	6033.69	0.86	ppb
Calcium	44-1	6347.72	6296.08	6354.76	6332.85	0.51	ppb
Chromium	52-2	-0.24	-0.18	-0.18	-0.20		ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	1375.84	ppb
Copper	63-2	90.83	94.28	89.89	91.67	2.52	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	143.30	139.22	141.38	141.30	1.45	ppb
Iron	57-2	138.40	134.34	141.57	138.10	2.63	ppb
Lead	206-1	4.24	4.04	4.02	4.10	2.93	ppb
Lead	207-1	3.94	3.84	3.76	3.85	2.30	ppb
Lead	208-1	4.01	3.92	3.95	3.96	1.11	ppb
Lithium	6-1						%
Magnesium	24-2	1203.50	1196.48	1132.35	1177.44	3.33	ppb
Manganese	55-2	20.80	19.64	20.12	20.19	2.89	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-08	Instrumnet Name :	P8
Client Sample ID :	XADI-116-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:48:33	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.02	0.02	1.83	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.03	10.62	ppb
Molybdenum	96-1	0.05	0.03	0.03	0.04	22.27	ppb
Molybdenum	97-1	0.03	0.01	0.03	0.03	40.75	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.04	11.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.13	2.86	2.91	2.97	4.85	ppb
Phosphorus	31-2	795.16	792.97	752.87	780.33	3.05	ppb
Potassium	39-2	493.79	471.93	451.91	472.55	4.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	-0.83	-0.83	-0.83		ppb
Selenium	82-1	0.77	0.40	0.46	0.54	36.51	ppb
Silicon	28-1	1002.58	1000.02	982.52	995.04	1.10	ppb
Silver	109-1	0.01	0.01	0.00	0.01	33.18	ppb
Silver	107-1	0.01	0.00	0.01	0.01	69.64	ppb
Sodium	23-2	9873.59	9876.59	9672.46	9807.54	1.19	ppb
Strontium	86-1	19.90	20.49	20.13	20.17	1.48	ppb
Strontium	88-1	20.65	20.82	20.87	20.78	0.56	ppb
Sulfur	34-1	531.40	407.28	311.86	416.85	26.41	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.01	43.79	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	24.40	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	0.38	0.48	0.98	0.61	52.44	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.84	ppb
Vanadium	51-2	0.09	0.05	0.08	0.08	27.10	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	71.31	71.69	73.14	72.04	1.34	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	23.14	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-08	Instrumnet Name :	P8
Client Sample ID :	XADI-116-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:48:33	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.05	0.01	0.03	68.83	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:51:41	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.65	3.01	1.29	3.65	74.92	ppb
Antimony	121-1	0.00	0.01	0.01	0.00	63.85	ppb
Arsenic	75-2	0.00	-0.03	-0.03	-0.02		ppb
Barium	135-1	0.01	-0.01	0.00	0.00		ppb
Barium	137-1	0.01	0.01	0.00	0.00	146.62	ppb
Beryllium	9-1	-0.03	0.02	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.44	1.14	0.77	0.78	45.19	ppb
Boron	11-1	0.98	0.72	0.82	0.84	15.38	ppb
Cadmium	111-1	0.02	-0.02	-0.02	-0.01		ppb
Cadmium	106-1	0.17	-0.39	-0.21	-0.15		ppb
Cadmium	108-1	0.05	0.01	-0.02	0.01	245.95	ppb
Calcium	43-1	-49.76	-54.48	-66.33	-56.86		ppb
Calcium	44-1	-6.23	-9.23	-9.01	-8.15		ppb
Chromium	52-2	-0.20	-0.14	-0.24	-0.19		ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	12.69	ppb
Copper	63-2	0.00	0.01	0.03	0.01	97.33	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.43	0.08	0.49	0.33	65.10	ppb
Iron	57-2	-1.24	-2.77	-0.89	-1.63		ppb
Lead	206-1	501.59	496.21	505.76	501.18	0.96	ppb
Lead	207-1	500.01	496.89	509.06	501.99	1.26	ppb
Lead	208-1	502.62	498.83	504.13	501.86	0.54	ppb
Lithium	6-1						%
Magnesium	24-2	-0.38	1.24	-2.93	-0.69		ppb
Manganese	55-2	0.05	0.05	-0.06	0.02	394.60	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:51:41	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	300.83	ppb
Molybdenum	97-1	-0.01	-0.04	-0.02	-0.03		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.09	0.13	0.09	39.57	ppb
Phosphorus	31-2	2.07	1.21	0.79	1.36	48.16	ppb
Potassium	39-2	28.06	-0.70	-41.06	-4.56		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	11.24	0.00	3.75	173.21	ppb
Selenium	78-2	0.15	1.06	1.05	0.75	69.63	ppb
Selenium	82-1	0.37	0.00	-0.12	0.08	311.92	ppb
Silicon	28-1	-26.04	-27.25	-25.83	-26.37		ppb
Silver	109-1	0.01	0.01	0.00	0.00	149.21	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	102.86	89.81	97.70	96.79	6.79	ppb
Strontium	86-1	-0.05	-0.01	-0.01	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	26.32	ppb
Sulfur	34-1	797.71	659.52	824.22	760.48	11.63	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	33.57	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	13.39	ppb
Tin	118-1	-0.05	-0.05	-0.07	-0.06		ppb
Titanium	47-1	-0.04	-0.06	0.03	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1206.75	ppb
Vanadium	51-2	0.01	-0.01	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.15	-0.45	0.12	-0.16		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	309.88	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:51:41	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	-0.01	0.00	0.00	491.64	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:54:48	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.99	-1.99	1.30	-0.89		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	85.27	ppb
Arsenic	75-2	0.00	-0.03	0.04	0.00	1015.13	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.00	-0.01	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.09	0.35	0.57	0.67	56.75	ppb
Boron	11-1	0.50	0.36	0.37	0.41	19.59	ppb
Cadmium	111-1	-0.04	-0.12	-0.14	-0.10		ppb
Cadmium	106-1	-0.47	-1.75	-2.01	-1.41		ppb
Cadmium	108-1	-0.02	-0.02	0.01	-0.01		ppb
Calcium	43-1	-63.57	-62.44	-59.42	-61.81		ppb
Calcium	44-1	-12.78	-14.74	-17.58	-15.03		ppb
Chromium	52-2	-0.07	-0.11	0.00	-0.06		ppb
Cobalt	59-2	0.02	0.00	0.01	0.01	72.63	ppb
Copper	63-2	0.03	0.02	0.00	0.02	100.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.61	-0.27	-0.34	-0.41		ppb
Iron	57-2	-2.35	-1.83	-0.89	-1.69		ppb
Lead	206-1	0.04	0.04	0.05	0.04	13.24	ppb
Lead	207-1	0.04	0.03	0.01	0.03	44.60	ppb
Lead	208-1	0.05	0.06	0.04	0.05	21.53	ppb
Lithium	6-1						%
Magnesium	24-2	-1.29	-0.19	-0.54	-0.68		ppb
Manganese	55-2	0.04	-0.02	0.01	0.01	273.44	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:54:48	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	-0.04	-0.01	-0.02	-0.02		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	0.16	-22.77	-22.77	-15.12		ppb
Potassium	39-2	-9.08	-16.10	-15.37	-13.51		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.02	0.11	-0.83	0.10	904.85	ppb
Selenium	82-1	0.65	0.73	0.44	0.61	24.25	ppb
Silicon	28-1	-28.10	-27.27	-31.22	-28.86		ppb
Silver	109-1	0.00	0.00	0.00	0.00	1058.22	ppb
Silver	107-1	0.00	0.00	0.00	0.00	29.17	ppb
Sodium	23-2	22.94	35.94	32.69	30.52	22.16	ppb
Strontium	86-1	-0.05	-0.02	-0.04	-0.04		ppb
Strontium	88-1	-0.01	0.00	-0.01	-0.01		ppb
Sulfur	34-1	841.33	837.60	373.07	684.00	39.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	26.76	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	33.80	ppb
Tin	118-1	-0.03	-0.04	-0.05	-0.04		ppb
Titanium	47-1	-0.04	0.04	-0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	800.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.39	-0.54	-0.46	-0.46		ppb
Zirconium	90-1	-0.01	0.00	0.00	-0.01		ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:54:48	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.02	0.01	54.23	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-09 Instrumnet Name : P8
 Client Sample ID : XADI-117-FL3-BRG-W4-I Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:57:56 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.03	8.35	19.24	10.54	74.36	ppb
Antimony	121-1	0.06	0.05	0.06	0.06	4.39	ppb
Arsenic	75-2	0.35	0.23	0.45	0.34	31.57	ppb
Barium	135-1	15.43	15.42	15.35	15.40	0.31	ppb
Barium	137-1	15.60	15.72	15.11	15.48	2.08	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00	1085.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.71	3.39	3.77	3.62	5.70	ppb
Boron	11-1	4.18	4.04	4.64	4.29	7.22	ppb
Cadmium	111-1	-0.04	-0.01	-0.05	-0.03		ppb
Cadmium	106-1	-0.54	-0.44	-0.75	-0.57		ppb
Cadmium	108-1	-0.03	-0.06	0.10	0.01	1463.06	ppb
Calcium	43-1	5877.58	5875.53	5845.04	5866.05	0.31	ppb
Calcium	44-1	6086.63	6167.03	6134.20	6129.29	0.66	ppb
Chromium	52-2	-0.27	-0.24	-0.31	-0.27		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	112.57	ppb
Copper	63-2	139.79	136.39	139.51	138.56	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	144.03	137.86	142.27	141.39	2.25	ppb
Iron	57-2	156.57	126.32	126.32	136.40	12.81	ppb
Lead	206-1	3.68	3.74	3.77	3.73	1.14	ppb
Lead	207-1	3.47	3.43	3.48	3.46	0.80	ppb
Lead	208-1	3.61	3.57	3.61	3.60	0.61	ppb
Lithium	6-1						%
Magnesium	24-2	1154.77	1130.60	1161.78	1149.05	1.42	ppb
Manganese	55-2	22.97	20.42	23.37	22.25	7.18	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-09	Instrumnet Name :	P8
Client Sample ID :	XADI-117-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:57:56	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.02	0.02	24.70	ppb
Molybdenum	95-1	0.02	0.03	0.05	0.03	36.41	ppb
Molybdenum	96-1	0.03	0.04	0.04	0.03	17.90	ppb
Molybdenum	97-1	0.03	0.01	0.00	0.01	145.88	ppb
Molybdenum	98-1	0.04	0.05	0.02	0.04	33.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.83	0.83	0.88	10.78	ppb
Phosphorus	31-2	561.61	1039.41	675.33	758.78	32.89	ppb
Potassium	39-2	500.23	472.69	463.02	478.65	4.03	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	0.04	0.04	-0.25		ppb
Selenium	82-1	0.40	0.86	1.04	0.77	42.61	ppb
Silicon	28-1	965.59	961.64	976.04	967.75	0.77	ppb
Silver	109-1	0.01	0.01	0.00	0.01	40.18	ppb
Silver	107-1	0.01	0.01	0.00	0.00	34.62	ppb
Sodium	23-2	9710.21	9559.78	9777.22	9682.40	1.15	ppb
Strontium	86-1	20.03	20.43	20.28	20.25	1.00	ppb
Strontium	88-1	20.31	20.52	20.60	20.48	0.75	ppb
Sulfur	34-1	351.37	528.74	626.01	502.04	27.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	16.12	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.27	ppb
Tin	118-1	0.00	0.04	-0.02	0.00	833.95	ppb
Titanium	47-1	0.24	0.34	0.42	0.33	26.66	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	25.33	ppb
Vanadium	51-2	0.08	0.07	0.07	0.07	7.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	45.62	43.71	43.90	44.41	2.37	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	28.61	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-09	Instrumnet Name :	P8
Client Sample ID :	XADI-117-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:57:56	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.08	0.02	0.04	63.97	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-10 Instrumnet Name : P8
 Client Sample ID : XADI-118-FL3-BRG-W4-I Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:01:04 DataFile Name : 066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.87	8.37	2.63	10.29	85.34	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	8.38	ppb
Arsenic	75-2	0.36	0.32	0.21	0.30	26.21	ppb
Barium	135-1	14.09	14.04	13.83	13.98	0.99	ppb
Barium	137-1	14.02	14.37	14.19	14.20	1.24	ppb
Beryllium	9-1	-0.02	0.00	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.53	3.90	4.49	4.31	8.16	ppb
Boron	11-1	4.76	3.55	4.51	4.27	14.92	ppb
Cadmium	111-1	-0.02	-0.01	-0.09	-0.04		ppb
Cadmium	106-1	-0.29	-0.29	-1.32	-0.63		ppb
Cadmium	108-1	0.03	-0.06	-0.03	-0.02		ppb
Calcium	43-1	5908.90	5944.50	5879.20	5910.87	0.55	ppb
Calcium	44-1	6237.44	6245.03	6207.49	6229.99	0.32	ppb
Chromium	52-2	-0.32	-0.35	-0.16	-0.28		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	56.10	ppb
Copper	63-2	215.49	217.22	225.17	219.29	2.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	31.39	30.58	33.02	31.66	3.93	ppb
Iron	57-2	29.94	27.04	31.35	29.44	7.47	ppb
Lead	206-1	0.53	0.49	0.53	0.51	4.46	ppb
Lead	207-1	0.47	0.46	0.46	0.46	1.81	ppb
Lead	208-1	0.48	0.49	0.50	0.49	1.69	ppb
Lithium	6-1						%
Magnesium	24-2	1189.24	1191.02	1207.16	1195.81	0.83	ppb
Manganese	55-2	15.46	15.53	16.20	15.73	2.62	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-10	Instrumnet Name :	P8
Client Sample ID :	XADI-118-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:01:04	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.02	0.02	0.01	63.68	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	28.41	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	20.68	ppb
Molybdenum	97-1	0.03	-0.01	0.01	0.01	277.28	ppb
Molybdenum	98-1	0.02	0.02	0.04	0.03	43.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.64	0.75	0.69	7.99	ppb
Phosphorus	31-2	585.27	594.65	618.88	599.60	2.89	ppb
Potassium	39-2	478.37	453.36	449.82	460.51	3.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.86	-0.83	0.89	0.31	318.85	ppb
Selenium	82-1	0.89	0.69	0.59	0.72	21.19	ppb
Silicon	28-1	980.68	959.29	984.02	974.66	1.38	ppb
Silver	109-1	0.03	0.02	0.03	0.02	23.52	ppb
Silver	107-1	0.03	0.03	0.02	0.02	19.68	ppb
Sodium	23-2	9415.15	9485.61	9879.45	9593.40	2.61	ppb
Strontium	86-1	20.30	20.42	20.28	20.33	0.38	ppb
Strontium	88-1	20.74	20.54	20.90	20.73	0.86	ppb
Sulfur	34-1	231.56	326.77	228.96	262.43	21.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.02	0.02	20.44	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.83	ppb
Tin	118-1	-0.04	-0.03	0.00	-0.02		ppb
Titanium	47-1	0.33	0.28	0.35	0.32	10.29	ppb
Uranium	238-1	0.00	0.01	0.00	0.01	23.96	ppb
Vanadium	51-2	0.08	0.09	0.11	0.09	18.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	52.37	55.74	55.62	54.58	3.50	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	176.85	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-10	Instrumnet Name :	P8
Client Sample ID :	XADI-118-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:01:04	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.07	0.04	61.18	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-11 Instrumnet Name : P8
 Client Sample ID : XADI-120-FL3-BRG-W4- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:04:10 DataFile Name : 067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.70	18.78	6.95	12.81	46.18	ppb
Antimony	121-1	0.10	0.10	0.10	0.10	3.49	ppb
Arsenic	75-2	0.25	0.34	0.33	0.31	16.52	ppb
Barium	135-1	13.73	13.46	14.06	13.75	2.19	ppb
Barium	137-1	13.82	13.73	13.76	13.77	0.34	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.10	3.62	5.08	4.60	18.39	ppb
Boron	11-1	4.77	4.53	4.30	4.53	5.24	ppb
Cadmium	111-1	-0.04	-0.13	-0.16	-0.11		ppb
Cadmium	106-1	-0.62	-2.06	-2.25	-1.64		ppb
Cadmium	108-1	0.07	0.00	0.07	0.05	79.93	ppb
Calcium	43-1	6004.92	5938.29	5925.73	5956.31	0.71	ppb
Calcium	44-1	6236.20	6143.81	6194.16	6191.39	0.75	ppb
Chromium	52-2	-0.32	-0.25	-0.27	-0.28		ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	15.68	ppb
Copper	63-2	229.57	230.59	231.30	230.49	0.38	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24.23	26.28	25.31	25.28	4.06	ppb
Iron	57-2	22.14	19.84	16.93	19.64	13.31	ppb
Lead	206-1	1.41	1.33	1.47	1.40	4.95	ppb
Lead	207-1	1.31	1.26	1.35	1.31	3.28	ppb
Lead	208-1	1.34	1.31	1.37	1.34	2.11	ppb
Lithium	6-1						%
Magnesium	24-2	1179.67	1184.20	1169.11	1177.66	0.66	ppb
Manganese	55-2	14.10	13.91	14.45	14.15	1.94	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-11	Instrumnet Name :	P8
Client Sample ID :	XADI-120-FL3-BRG-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:04:10	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.01	0.02	29.28	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	10.18	ppb
Molybdenum	96-1	0.03	0.02	0.04	0.03	49.09	ppb
Molybdenum	97-1	-0.01	0.02	0.01	0.01	176.72	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	29.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.69	22.18	22.04	21.97	1.14	ppb
Phosphorus	31-2	674.57	724.50	770.58	723.22	6.64	ppb
Potassium	39-2	481.80	452.37	478.09	470.75	3.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	0.01	0.04	0.02	56.36	ppb
Selenium	82-1	0.52	1.52	1.14	1.06	47.51	ppb
Silicon	28-1	965.51	951.79	992.58	969.96	2.14	ppb
Silver	109-1	0.01	0.02	0.02	0.02	29.23	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.45	ppb
Sodium	23-2	9493.75	9535.04	9609.38	9546.06	0.61	ppb
Strontium	86-1	20.53	20.19	20.11	20.28	1.09	ppb
Strontium	88-1	20.72	20.31	20.73	20.58	1.16	ppb
Sulfur	34-1	267.37	324.91	567.56	386.62	41.21	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.01	37.55	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	34.40	ppb
Tin	118-1	-0.02	-0.02	-0.03	-0.03		ppb
Titanium	47-1	0.33	0.16	0.26	0.25	34.92	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	64.66	ppb
Vanadium	51-2	0.07	0.15	0.09	0.10	39.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	151.08	155.26	153.86	153.40	1.39	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	103.50	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-11	Instrumnet Name :	P8
Client Sample ID :	XADI-120-FL3-BRG-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:04:10	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.03	0.03	0.02	72.68	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-12 Instrumnet Name : P8
 Client Sample ID : XADI-121-FL3-BRG-W4-Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:07:17 DataFile Name : 068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.86	21.15	27.32	28.44	27.83	ppb
Antimony	121-1	0.04	0.04	0.06	0.04	24.83	ppb
Arsenic	75-2	0.44	0.28	0.48	0.40	27.11	ppb
Barium	135-1	14.71	15.15	14.79	14.88	1.58	ppb
Barium	137-1	15.03	15.62	15.11	15.25	2.11	ppb
Beryllium	9-1	0.00	-0.03	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.92	3.64	4.74	4.10	14.04	ppb
Boron	11-1	3.91	3.96	4.39	4.09	6.40	ppb
Cadmium	111-1	-0.03	-0.01	-0.08	-0.04		ppb
Cadmium	106-1	-0.59	-0.21	-1.20	-0.67		ppb
Cadmium	108-1	-0.06	0.10	0.13	0.05	180.07	ppb
Calcium	43-1	5847.65	5808.29	5829.13	5828.36	0.34	ppb
Calcium	44-1	6189.17	6223.55	6181.05	6197.92	0.36	ppb
Chromium	52-2	-0.28	-0.21	-0.19	-0.23		ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	95.40	ppb
Copper	63-2	153.76	158.08	158.30	156.71	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	165.73	184.43	168.94	173.03	5.78	ppb
Iron	57-2	157.68	179.81	147.78	161.76	10.14	ppb
Lead	206-1	3.12	3.12	3.09	3.11	0.51	ppb
Lead	207-1	2.91	2.93	2.84	2.89	1.52	ppb
Lead	208-1	3.01	3.00	3.01	3.01	0.21	ppb
Lithium	6-1						%
Magnesium	24-2	1147.46	1200.66	1196.51	1181.54	2.50	ppb
Manganese	55-2	28.85	28.29	29.68	28.94	2.43	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-12 Instrumnet Name : P8
 Client Sample ID : XADI-121-FL3-BRG-W4-Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:07:17 DataFile Name : 068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.03	0.03	4.55	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.03	9.37	ppb
Molybdenum	96-1	0.05	0.03	0.04	0.04	22.66	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	24.58	ppb
Molybdenum	98-1	0.04	0.03	0.02	0.03	39.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.29	6.31	6.28	6.30	0.21	ppb
Phosphorus	31-2	708.27	532.09	687.69	642.68	14.99	ppb
Potassium	39-2	474.91	490.42	496.88	487.40	2.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	0.05	0.05	-0.24		ppb
Selenium	82-1	0.42	0.74	0.56	0.58	28.00	ppb
Silicon	28-1	987.31	995.13	965.04	982.49	1.59	ppb
Silver	109-1	0.00	0.00	0.01	0.01	41.16	ppb
Silver	107-1	0.00	0.01	0.01	0.01	49.98	ppb
Sodium	23-2	9904.85	10099.64	10153.34	10052.61	1.30	ppb
Strontium	86-1	19.92	19.86	19.78	19.85	0.36	ppb
Strontium	88-1	20.45	20.40	20.56	20.47	0.41	ppb
Sulfur	34-1	625.93	429.42	543.74	533.03	18.51	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	45.58	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.22	ppb
Tin	118-1	-0.03	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.37	0.42	3.39	1.39	124.12	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	20.63	ppb
Vanadium	51-2	0.14	0.08	0.11	0.11	28.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	85.46	90.08	86.61	87.38	2.76	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	8.09	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-12	Instrumnet Name :	P8
Client Sample ID :	XADI-121-FL3-BRG-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:07:17	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.00	0.03	82.49	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-13 Instrumnet Name : P8
 Client Sample ID : XADI-122-FL3-H-W4-BB- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:10:23 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.49	8.50	15.68	9.89	52.93	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	10.75	ppb
Arsenic	75-2	0.29	0.35	0.33	0.32	8.97	ppb
Barium	135-1	13.70	14.10	13.73	13.84	1.61	ppb
Barium	137-1	13.84	13.64	13.75	13.74	0.72	ppb
Beryllium	9-1	-0.02	-0.03	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.69	3.73	4.37	4.26	11.50	ppb
Boron	11-1	5.00	4.14	4.03	4.39	12.16	ppb
Cadmium	111-1	0.05	-0.01	0.02	0.02	145.99	ppb
Cadmium	106-1	-0.52	-1.50	-0.94	-0.99		ppb
Cadmium	108-1	0.16	0.31	0.19	0.22	36.86	ppb
Calcium	43-1	5950.76	5890.10	5895.34	5912.07	0.57	ppb
Calcium	44-1	6133.72	6110.78	6139.13	6127.88	0.25	ppb
Chromium	52-2	-0.25	-0.31	-0.36	-0.31		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	24.28	ppb
Copper	63-2	258.52	255.59	252.29	255.47	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26.29	27.42	26.57	26.76	2.18	ppb
Iron	57-2	22.20	33.91	27.75	27.95	20.97	ppb
Lead	206-1	1.31	1.35	1.35	1.34	1.86	ppb
Lead	207-1	1.31	1.31	1.26	1.29	2.10	ppb
Lead	208-1	1.30	1.32	1.28	1.30	1.45	ppb
Lithium	6-1						%
Magnesium	24-2	1192.82	1135.47	1168.61	1165.63	2.47	ppb
Manganese	55-2	14.34	15.69	14.42	14.82	5.12	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-13	Instrumnet Name :	P8
Client Sample ID :	XADI-122-FL3-H-W4-BB-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:10:23	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.00	0.02	0.02	81.32	ppb
Molybdenum	95-1	0.05	0.01	0.03	0.03	53.46	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	10.79	ppb
Molybdenum	97-1	0.03	0.01	0.00	0.01	111.91	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	5.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.69	3.15	2.97	3.27	11.38	ppb
Phosphorus	31-2	343.22	645.49	612.99	533.90	31.08	ppb
Potassium	39-2	432.10	482.64	490.68	468.47	6.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.12	1.71	173.21	ppb
Selenium	78-2	-0.83	0.03	0.89	0.03	2847.49	ppb
Selenium	82-1	0.07	0.85	-0.05	0.29	169.01	ppb
Silicon	28-1	1004.44	988.24	1019.21	1003.96	1.54	ppb
Silver	109-1	0.03	0.03	0.02	0.03	13.99	ppb
Silver	107-1	0.02	0.03	0.03	0.02	29.84	ppb
Sodium	23-2	9721.91	9640.77	9402.93	9588.54	1.73	ppb
Strontium	86-1	19.90	19.54	20.05	19.83	1.33	ppb
Strontium	88-1	20.26	20.13	20.62	20.34	1.25	ppb
Sulfur	34-1	612.52	454.46	696.73	587.90	20.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.01	13.46	ppb
Thallium	205-1	0.01	0.02	0.00	0.01	55.75	ppb
Tin	118-1	-0.04	0.00	0.02	-0.01		ppb
Titanium	47-1	0.22	0.26	0.36	0.28	25.82	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	38.85	ppb
Vanadium	51-2	0.07	0.13	0.05	0.08	52.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	311.37	309.47	299.44	306.76	2.09	ppb
Zirconium	90-1	-0.01	0.02	0.01	0.01	160.74	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-13	Instrumnet Name :	P8
Client Sample ID :	XADI-122-FL3-H-W4-BB-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:10:23	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.01	0.02	53.32	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-14 Instrumnet Name : P8
 Client Sample ID : XADI-123-FL3-H-W4-BB- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:13:30 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.43	14.69	5.56	8.56	62.03	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	0.70	ppb
Arsenic	75-2	0.39	0.35	0.41	0.38	7.84	ppb
Barium	135-1	14.37	15.05	15.13	14.85	2.81	ppb
Barium	137-1	15.01	14.71	15.12	14.94	1.44	ppb
Beryllium	9-1	-0.02	-0.01	-0.04	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.58	4.45	4.10	4.38	5.72	ppb
Boron	11-1	4.17	4.44	4.58	4.40	4.79	ppb
Cadmium	111-1	-0.06	-0.03	-0.09	-0.06		ppb
Cadmium	106-1	-1.40	-0.96	-1.74	-1.37		ppb
Cadmium	108-1	0.10	0.00	-0.06	0.01	526.73	ppb
Calcium	43-1	6009.88	5906.60	5924.28	5946.92	0.93	ppb
Calcium	44-1	6248.82	6323.24	6173.22	6248.43	1.20	ppb
Chromium	52-2	-0.36	-0.27	-0.32	-0.31		ppb
Cobalt	59-2	0.00	0.02	0.00	0.01	104.16	ppb
Copper	63-2	181.53	186.42	183.98	183.98	1.33	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24.48	22.93	35.57	27.66	24.93	ppb
Iron	57-2	16.84	24.74	21.11	20.90	18.91	ppb
Lead	206-1	0.83	0.85	0.85	0.84	1.17	ppb
Lead	207-1	0.81	0.77	0.82	0.80	3.72	ppb
Lead	208-1	0.85	0.81	0.84	0.83	2.29	ppb
Lithium	6-1						%
Magnesium	24-2	1187.19	1177.24	1193.18	1185.87	0.68	ppb
Manganese	55-2	13.66	14.87	13.89	14.14	4.53	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-14	Instrumnet Name :	P8
Client Sample ID :	XADI-123-FL3-H-W4-BB-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:13:30	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.04	0.01	0.02	88.59	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	12.99	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	20.76	ppb
Molybdenum	97-1	0.03	0.01	0.02	0.02	36.05	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	6.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.94	1.03	0.97	5.62	ppb
Phosphorus	31-2	617.85	784.63	324.59	575.69	40.46	ppb
Potassium	39-2	454.67	476.05	495.59	475.44	4.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.03	0.04	0.04	0.04	17.55	ppb
Selenium	82-1	-0.05	0.08	0.22	0.08	163.52	ppb
Silicon	28-1	969.47	978.67	971.41	973.18	0.50	ppb
Silver	109-1	0.02	0.02	0.03	0.02	14.83	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.68	ppb
Sodium	23-2	9431.98	9646.96	9501.43	9526.79	1.15	ppb
Strontium	86-1	21.32	20.36	20.80	20.83	2.32	ppb
Strontium	88-1	21.31	21.11	21.33	21.25	0.59	ppb
Sulfur	34-1	778.76	830.74	829.19	812.89	3.64	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	43.35	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.50	ppb
Tin	118-1	-0.05	-0.02	-0.02	-0.03		ppb
Titanium	47-1	0.38	0.18	0.26	0.27	37.52	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	34.43	ppb
Vanadium	51-2	0.06	0.09	0.10	0.08	28.02	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	63.67	65.67	64.53	64.62	1.56	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	31.64	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-14	Instrumnet Name :	P8
Client Sample ID :	XADI-123-FL3-H-W4-BB-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:13:30	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.04	0.02	95.42	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-15 Instrumnet Name : P8
 Client Sample ID : XADI-124-FL3-STEMLST Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:16:37 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.57	7.76	25.29	14.87	61.98	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	10.14	ppb
Arsenic	75-2	0.35	0.29	0.35	0.33	10.00	ppb
Barium	135-1	13.68	13.27	13.15	13.37	2.06	ppb
Barium	137-1	13.66	13.72	13.20	13.53	2.10	ppb
Beryllium	9-1	-0.02	-0.04	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.55	4.00	4.14	3.89	7.99	ppb
Boron	11-1	4.10	4.12	4.32	4.18	2.82	ppb
Cadmium	111-1	-0.06	-0.08	-0.02	-0.06		ppb
Cadmium	106-1	-0.99	-1.22	-0.55	-0.92		ppb
Cadmium	108-1	0.00	-0.03	0.07	0.01	334.77	ppb
Calcium	43-1	5838.27	5689.49	5784.36	5770.71	1.31	ppb
Calcium	44-1	6068.54	6013.60	6010.50	6030.88	0.54	ppb
Chromium	52-2	-0.28	-0.16	-0.34	-0.26		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	314.83	340.98	310.68	322.16	5.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24.04	24.89	22.98	23.97	3.98	ppb
Iron	57-2	30.65	29.58	19.47	26.57	23.24	ppb
Lead	206-1	0.85	0.87	0.90	0.87	3.04	ppb
Lead	207-1	0.79	0.75	0.80	0.78	3.15	ppb
Lead	208-1	0.82	0.82	0.82	0.82	0.26	ppb
Lithium	6-1						%
Magnesium	24-2	1202.98	1251.97	1165.25	1206.74	3.60	ppb
Manganese	55-2	13.27	14.81	13.35	13.81	6.27	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-15 Instrumnet Name : P8
 Client Sample ID : XADI-124-FL3-STEMLST Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:16:37 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.01	0.01	26.83	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.03	31.96	ppb
Molybdenum	96-1	0.01	0.04	0.03	0.03	59.25	ppb
Molybdenum	97-1	0.01	0.01	0.03	0.02	75.44	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	17.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	2.17	1.85	1.98	8.52	ppb
Phosphorus	31-2	866.20	655.18	631.34	717.57	18.01	ppb
Potassium	39-2	480.86	532.52	445.91	486.43	8.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.11	0.00	0.00	1.70	173.21	ppb
Selenium	78-2	0.03	1.02	-0.83	0.07	1242.77	ppb
Selenium	82-1	0.43	0.02	0.32	0.26	83.11	ppb
Silicon	28-1	979.45	955.23	971.13	968.60	1.27	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.47	ppb
Silver	107-1	0.01	0.00	0.01	0.01	50.88	ppb
Sodium	23-2	9655.90	10419.73	9471.41	9849.01	5.10	ppb
Strontium	86-1	20.01	19.14	19.82	19.66	2.31	ppb
Strontium	88-1	20.13	19.83	20.07	20.01	0.80	ppb
Sulfur	34-1	624.04	539.71	884.99	682.91	26.36	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	41.25	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	12.07	ppb
Tin	118-1	-0.05	0.10	-0.02	0.01	682.78	ppb
Titanium	47-1	0.28	0.23	0.17	0.23	24.90	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	8.95	ppb
Vanadium	51-2	0.16	0.10	0.08	0.12	37.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	105.93	116.36	106.23	109.51	5.42	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	80.45	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-15	Instrumnet Name :	P8
Client Sample ID :	XADI-124-FL3-STEMLST	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:16:37	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.01	0.02	58.06	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-16 Instrumnet Name : P8
 Client Sample ID : XADI-125-FL3-STEMLST Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:19:44 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.00	9.94	2.66	7.53	56.01	ppb
Antimony	121-1	0.06	0.05	0.06	0.06	11.20	ppb
Arsenic	75-2	0.26	0.19	0.34	0.26	28.13	ppb
Barium	135-1	13.73	14.03	13.92	13.89	1.10	ppb
Barium	137-1	13.76	14.08	13.72	13.85	1.44	ppb
Beryllium	9-1	-0.02	-0.01	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.53	6.18	4.48	4.73	28.36	ppb
Boron	11-1	4.69	4.16	4.10	4.32	7.61	ppb
Cadmium	111-1	-0.03	0.04	-0.06	-0.01		ppb
Cadmium	106-1	-0.46	0.53	-0.90	-0.28		ppb
Cadmium	108-1	-0.09	-0.06	-0.03	-0.06		ppb
Calcium	43-1	5757.48	5926.84	5791.23	5825.18	1.54	ppb
Calcium	44-1	6047.17	6222.40	6026.46	6098.68	1.77	ppb
Chromium	52-2	-0.24	-0.23	-0.21	-0.23		ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00		ppb
Copper	63-2	292.76	292.34	301.24	295.45	1.70	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	23.81	22.78	24.01	23.53	2.81	ppb
Iron	57-2	20.07	19.10	21.33	20.17	5.55	ppb
Lead	206-1	0.26	0.23	0.24	0.24	4.66	ppb
Lead	207-1	0.22	0.20	0.19	0.20	8.47	ppb
Lead	208-1	0.23	0.22	0.23	0.23	3.14	ppb
Lithium	6-1						%
Magnesium	24-2	1122.36	1150.59	1156.56	1143.17	1.60	ppb
Manganese	55-2	16.58	17.34	16.57	16.83	2.61	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-16	Instrumnet Name :	P8
Client Sample ID :	XADI-125-FL3-STEMLST	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:19:44	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.02	0.03	43.45	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.04	20.33	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	33.25	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	52.77	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	33.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.38	0.47	0.40	15.08	ppb
Phosphorus	31-2	753.28	599.60	423.17	592.01	27.90	ppb
Potassium	39-2	467.16	432.45	492.32	463.98	6.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	0.04	0.06	-0.24		ppb
Selenium	82-1	0.37	0.84	0.36	0.53	52.53	ppb
Silicon	28-1	979.49	1154.52	981.61	1038.54	9.67	ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.31	ppb
Silver	107-1	0.01	0.01	0.02	0.02	26.16	ppb
Sodium	23-2	9437.80	9366.43	9656.35	9486.86	1.59	ppb
Strontium	86-1	19.64	19.69	20.14	19.82	1.38	ppb
Strontium	88-1	19.97	19.99	20.29	20.09	0.89	ppb
Sulfur	34-1	902.07	1264.40	1026.64	1064.37	17.30	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	31.98	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.83	ppb
Tin	118-1	-0.05	-0.01	-0.04	-0.03		ppb
Titanium	47-1	0.64	0.34	0.29	0.42	45.26	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	12.83	ppb
Vanadium	51-2	0.10	0.10	0.06	0.09	27.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.50	9.29	9.78	9.86	6.20	ppb
Zirconium	90-1	0.00	0.15	0.02	0.06	147.63	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-16	Instrumnet Name :	P8
Client Sample ID :	XADI-125-FL3-STEMLST	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:19:44	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.05	0.04	22.31	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-17 Instrumnet Name : P8
 Client Sample ID : XADI-126-FL3-BRSL-W4 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:22:52 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.24	1.19	5.92	2.78	97.72	ppb
Antimony	121-1	3.14	3.18	3.07	3.13	1.80	ppb
Arsenic	75-2	0.21	0.29	0.29	0.26	18.45	ppb
Barium	135-1	13.67	13.85	13.81	13.78	0.67	ppb
Barium	137-1	13.91	13.94	14.13	14.00	0.86	ppb
Beryllium	9-1	0.00	-0.03	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.16	4.00	5.39	4.52	16.78	ppb
Boron	11-1	4.26	4.23	3.90	4.13	4.77	ppb
Cadmium	111-1	0.05	0.04	-0.05	0.02	338.94	ppb
Cadmium	106-1	0.36	0.16	-1.19	-0.23		ppb
Cadmium	108-1	0.27	0.18	0.15	0.20	33.65	ppb
Calcium	43-1	5632.40	5619.75	5736.60	5662.92	1.13	ppb
Calcium	44-1	5912.61	5952.40	5886.54	5917.18	0.56	ppb
Chromium	52-2	-0.30	-0.27	-0.26	-0.27		ppb
Cobalt	59-2	0.01	0.03	0.01	0.02	62.09	ppb
Copper	63-2	292.47	288.44	287.17	289.36	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.50	22.02	19.33	20.95	6.82	ppb
Iron	57-2	22.34	16.88	23.66	20.96	17.15	ppb
Lead	206-1	0.91	0.89	0.91	0.90	1.34	ppb
Lead	207-1	0.90	0.84	0.81	0.85	5.43	ppb
Lead	208-1	0.88	0.84	0.87	0.86	2.13	ppb
Lithium	6-1						%
Magnesium	24-2	1135.24	1128.83	1140.23	1134.77	0.50	ppb
Manganese	55-2	8.11	7.45	6.79	7.45	8.83	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-17	Instrumnet Name :	P8
Client Sample ID :	XADI-126-FL3-BRSL-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:22:52	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.01	0.02	28.03	ppb
Molybdenum	95-1	0.04	0.02	0.03	0.03	30.34	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	25.41	ppb
Molybdenum	97-1	0.02	0.02	-0.01	0.01	163.34	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	12.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.88	7.07	6.87	6.94	1.60	ppb
Phosphorus	31-2	371.46	570.51	545.82	495.93	21.88	ppb
Potassium	39-2	460.97	452.09	454.72	455.93	1.00	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	-0.83	0.09	-0.52		ppb
Selenium	82-1	0.17	0.74	0.48	0.46	60.96	ppb
Silicon	28-1	940.54	938.52	1100.24	993.10	9.34	ppb
Silver	109-1	0.03	0.02	0.02	0.02	21.12	ppb
Silver	107-1	0.03	0.01	0.03	0.02	35.15	ppb
Sodium	23-2	9643.91	9456.33	9445.97	9515.40	1.17	ppb
Strontium	86-1	19.48	18.94	19.55	19.33	1.73	ppb
Strontium	88-1	20.07	19.81	20.26	20.05	1.12	ppb
Sulfur	34-1	1669.05	1663.25	1633.73	1655.34	1.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.02	0.02	12.54	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	11.43	ppb
Tin	118-1	0.51	0.44	0.56	0.50	11.60	ppb
Titanium	47-1	0.17	0.24	0.13	0.18	29.48	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	46.93	ppb
Vanadium	51-2	0.09	0.04	0.12	0.08	52.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	357.68	351.24	346.88	351.94	1.54	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	46.33	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-17	Instrumnet Name :	P8
Client Sample ID :	XADI-126-FL3-BRSL-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:22:52	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.02	0.00	214.62	ppb

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-18 Instrumnet Name : P8
 Client Sample ID : XADI-127-FL3-BRSL-W4 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:26:00 DataFile Name : 074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.09	13.26	7.13	9.16	38.74	ppb
Antimony	121-1	0.17	0.17	0.16	0.17	4.52	ppb
Arsenic	75-2	0.31	0.30	0.31	0.31	3.22	ppb
Barium	135-1	14.74	14.68	14.74	14.72	0.24	ppb
Barium	137-1	15.08	15.15	14.78	15.00	1.31	ppb
Beryllium	9-1	-0.01	-0.03	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.11	4.77	3.52	4.13	15.10	ppb
Boron	11-1	4.10	5.10	4.26	4.49	12.00	ppb
Cadmium	111-1	-0.03	0.04	-0.02	0.00		ppb
Cadmium	106-1	-0.70	0.15	-0.36	-0.30		ppb
Cadmium	108-1	-0.06	0.04	0.07	0.02	362.89	ppb
Calcium	43-1	6106.47	6004.23	5805.35	5972.02	2.56	ppb
Calcium	44-1	6319.26	6279.18	6181.67	6260.04	1.13	ppb
Chromium	52-2	-0.34	-0.29	-0.31	-0.31		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	240.66	242.80	244.53	242.66	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24.26	22.97	23.21	23.48	2.90	ppb
Iron	57-2	21.19	19.61	25.25	22.02	13.21	ppb
Lead	206-1	0.90	0.91	0.88	0.90	1.90	ppb
Lead	207-1	0.81	0.84	0.87	0.84	3.61	ppb
Lead	208-1	0.86	0.88	0.86	0.87	1.25	ppb
Lithium	6-1						%
Magnesium	24-2	1146.23	1122.86	1124.87	1131.32	1.14	ppb
Manganese	55-2	7.12	7.21	7.55	7.29	3.12	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-18	Instrumnet Name :	P8
Client Sample ID :	XADI-127-FL3-BRSL-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:26:00	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	14.59	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	22.41	ppb
Molybdenum	96-1	0.02	0.04	0.04	0.03	29.85	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	154.10	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	7.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	0.89	1.12	1.03	11.97	ppb
Phosphorus	31-2	608.81	657.46	589.81	618.69	5.64	ppb
Potassium	39-2	468.09	470.05	447.97	462.04	2.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.20	5.15	3.45	86.61	ppb
Selenium	78-2	3.51	0.05	-0.83	0.91	251.85	ppb
Selenium	82-1	0.84	-0.48	0.84	0.40	189.17	ppb
Silicon	28-1	978.53	983.49	943.63	968.55	2.24	ppb
Silver	109-1	0.05	0.04	0.04	0.04	11.94	ppb
Silver	107-1	0.04	0.06	0.04	0.04	22.15	ppb
Sodium	23-2	9651.54	9574.33	9711.25	9645.71	0.71	ppb
Strontium	86-1	20.87	20.70	20.40	20.66	1.16	ppb
Strontium	88-1	21.08	21.17	20.53	20.93	1.68	ppb
Sulfur	34-1	975.20	1077.24	788.08	946.84	15.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	20.35	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	42.34	ppb
Tin	118-1	0.09	0.09	0.07	0.08	15.55	ppb
Titanium	47-1	0.35	0.25	0.22	0.27	23.65	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.77	ppb
Vanadium	51-2	0.06	0.09	0.06	0.07	23.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	123.60	126.14	120.20	123.31	2.41	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	45.69	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-18	Instrumnet Name :	P8
Client Sample ID :	XADI-127-FL3-BRSL-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:26:00	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.00	0.01	93.27	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:29:07	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.24	-1.99	-0.30	-0.35		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	20.93	ppb
Arsenic	75-2	0.00	0.04	0.02	0.02	121.18	ppb
Barium	135-1	0.01	0.00	0.00	0.01	44.75	ppb
Barium	137-1	0.00	0.02	0.02	0.01	70.29	ppb
Beryllium	9-1	-0.02	-0.02	0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.75	0.79	0.29	0.61	45.38	ppb
Boron	11-1	0.33	0.42	0.68	0.48	38.27	ppb
Cadmium	111-1	-0.04	-0.01	-0.05	-0.04		ppb
Cadmium	106-1	-0.61	-0.14	-0.79	-0.51		ppb
Cadmium	108-1	-0.05	-0.09	-0.09	-0.08		ppb
Calcium	43-1	-61.40	-59.55	-62.91	-61.28		ppb
Calcium	44-1	-14.67	-15.08	-15.34	-15.03		ppb
Chromium	52-2	-0.28	-0.27	-0.26	-0.27		ppb
Cobalt	59-2	0.00	0.00	-0.02	-0.01		ppb
Copper	63-2	0.01	-0.01	0.03	0.01	144.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.34	-0.26	-0.38	-0.33		ppb
Iron	57-2	-1.86	-1.87	-2.75	-2.16		ppb
Lead	206-1	493.96	499.00	493.71	495.56	0.60	ppb
Lead	207-1	495.79	498.47	498.22	497.49	0.30	ppb
Lead	208-1	494.62	500.70	494.08	496.47	0.74	ppb
Lithium	6-1						%
Magnesium	24-2	-0.59	-1.28	0.59	-0.43		ppb
Manganese	55-2	-0.01	0.04	0.00	0.01	227.21	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:29:07	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	2275.61	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	71.43	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	-0.03	-0.02	-0.02	-0.03		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	1556.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.06	0.08	0.04	139.62	ppb
Phosphorus	31-2	0.45	0.32	25.76	8.84	165.72	ppb
Potassium	39-2	-20.22	8.55	3.02	-2.89		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.09	-0.83	0.14	-0.20		ppb
Selenium	82-1	0.67	0.69	0.38	0.58	29.52	ppb
Silicon	28-1	-30.24	-30.81	-29.72	-30.26		ppb
Silver	109-1	0.00	0.00	0.00	0.00	191.99	ppb
Silver	107-1	0.00	0.00	0.00	0.00	115.87	ppb
Sodium	23-2	33.64	23.79	37.75	31.73	22.60	ppb
Strontium	86-1	-0.06	-0.04	-0.04	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	755.15	835.15	952.19	847.50	11.69	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	4.02	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	15.25	ppb
Tin	118-1	-0.07	-0.08	-0.08	-0.08		ppb
Titanium	47-1	-0.05	-0.11	-0.01	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.41	-0.44	-0.50	-0.45		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	238.54	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:29:07	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	-0.01	0.01	201.30	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:32:13	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.23	1.18	-0.37	0.68	133.69	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	125.27	ppb
Arsenic	75-2	0.00	0.00	0.02	0.00	460.07	ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.02	-0.01	-0.02	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.52	0.07	0.79	0.46	78.26	ppb
Boron	11-1	0.33	0.11	0.11	0.18	68.31	ppb
Cadmium	111-1	-0.08	-0.02	-0.01	-0.04		ppb
Cadmium	106-1	-1.10	-0.31	-0.11	-0.51		ppb
Cadmium	108-1	0.01	0.01	-0.05	-0.01		ppb
Calcium	43-1	-66.37	-66.91	-67.76	-67.01		ppb
Calcium	44-1	-16.73	-13.94	-18.39	-16.35		ppb
Chromium	52-2	-0.08	-0.02	-0.11	-0.07		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	-0.02	-0.02	0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.31	-0.36	-0.42	-0.36		ppb
Iron	57-2	-1.41	-1.90	-1.39	-1.57		ppb
Lead	206-1	0.03	0.04	0.03	0.03	19.39	ppb
Lead	207-1	0.02	0.02	0.03	0.02	26.19	ppb
Lead	208-1	0.03	0.03	0.03	0.03	11.80	ppb
Lithium	6-1						%
Magnesium	24-2	-2.28	-0.65	-1.26	-1.40		ppb
Manganese	55-2	0.04	0.03	0.05	0.04	27.75	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:32:13	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.06	0.06	0.05	49.44	ppb
Phosphorus	31-2	-22.77	-22.77	-22.77	-22.77		ppb
Potassium	39-2	-18.92	0.34	-8.60	-9.06		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.47	0.00	0.00	1.82	173.21	ppb
Selenium	78-2	1.01	1.00	1.91	1.30	40.24	ppb
Selenium	82-1	0.04	0.29	0.92	0.42	107.96	ppb
Silicon	28-1	-32.49	-32.66	-33.05	-32.73		ppb
Silver	109-1	0.00	0.00	0.00	0.00	98.82	ppb
Silver	107-1	0.00	0.00	0.00	0.00	263.37	ppb
Sodium	23-2	27.41	17.66	34.65	26.57	32.09	ppb
Strontium	86-1	-0.08	-0.03	-0.06	-0.06		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	730.59	646.58	490.09	622.42	19.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	39.73	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	48.13	ppb
Tin	118-1	-0.03	-0.04	-0.04	-0.04		ppb
Titanium	47-1	-0.05	-0.06	0.03	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	64.42	ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.78	-0.81	-0.55	-0.72		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:32:13	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.00	0.00	173.55	ppb

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:36:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	17	11	86.60	cps
Antimony	121-1	17	17	8	14	34.67	cps
Arsenic	75-2	2	0	6	2	114.63	cps
Barium	135-1	8	33	25	22	57.29	cps
Barium	137-1	50	42	25	39	32.73	cps
Beryllium	9-1	33	61	33	43	37.66	cps
Bismuth	209-1	5747711	5723249	5726384	5732448	0.23	cps
Bismuth	209-2	1698474	1699905	1742997	1713792	1.48	cps
Boron	10-1	50	42	33	42	20.00	cps
Boron	11-1	275	283	167	242	26.93	cps
Cadmium	111-1	1111	1050	963	1041	7.18	cps
Cadmium	106-1	1609	1458	1383	1483	7.72	cps
Cadmium	108-1	21	0	8	10	107.86	cps
Calcium	43-1	2250	2125	2584	2320	10.22	cps
Calcium	44-1	18880	19773	19815	19489	2.71	cps
Chromium	52-2	603	623	650	626	3.74	cps
Cobalt	59-2	53	40	63	52	22.41	cps
Copper	63-2	93	130	127	117	17.38	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	75	67	25	56	48.22	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	50	58	83	64	27.15	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	9089504	9168304	9111560	9123123	0.45	cps
Holmium	165-2	2180148	2167300	2191419	2179622	0.55	cps
Indium	115-1	7643480	7627008	7644941	7638476	0.13	cps
Indium	115-2	372639	372268	371124	372010	0.21	cps
Iron	56-2	1361	1161	1172	1232	9.13	cps
Iron	57-2	61	22	61	48	46.63	cps
Lead	206-1	344	322	339	335	3.45	cps
Lead	207-1	339	322	300	320	6.09	cps
Lead	208-1	1345	1356	1256	1319	4.16	cps
Lithium	6-1	1025499	1008716	1030804	1021673	1.13	cps
Magnesium	24-2	83	125	83	97	24.74	cps
Manganese	55-2	7	23	17	16	53.90	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:36:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	142	225	167	178	24.05	cps
Molybdenum	95-1	50	33	25	36	35.25	cps
Molybdenum	96-1	33	50	125	69	70.32	cps
Molybdenum	97-1	108	100	58	89	30.13	cps
Molybdenum	98-1	75	25	83	61	51.63	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	83	77	77	8.70	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2525	2642	2334	2500	6.23	cps
Rhodium	103-1	7141415	7168613	7100438	7136822	0.48	cps
Rhodium	103-2	2007619	1990696	1990603	1996306	0.49	cps
Scandium	45-1	4507937	4457847	4490084	4485289	0.57	cps
Scandium	45-2	37808	37570	37463	37614	0.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	-51	-71	-62	-62	-16.07	cps
Silicon	28-1	424203	422630	425670	424168	0.36	cps
Silver	109-1	42	33	17	31	41.66	cps
Silver	107-1	67	42	58	56	22.91	cps
Sodium	23-2	6318	6952	5876	6382	8.47	cps
Strontium	86-1	533	542	583	553	4.85	cps
Strontium	88-1	258	267	258	261	1.84	cps
Sulfur	34-1	357007	357396	358743	357715	0.25	cps
Terbium	159-1	9599466	9526932	9423793	9516730	0.93	cps
Terbium	159-2	2154959	2117664	2142605	2138410	0.89	cps
Thallium	203-1	33	33	67	44	43.31	cps
Thallium	205-1	125	108	125	119	8.06	cps
Tin	118-1	800	775	658	745	10.16	cps
Titanium	47-1	158	175	208	181	14.10	cps
Uranium	238-1	42	42	33	39	12.38	cps
Vanadium	51-2	0	13	10	8	89.21	cps
Yttrium	89-1	8071479	8033111	8068059	8057550	0.26	cps
Yttrium	89-2	269759	269590	271473	270274	0.39	cps
Zinc	66-2	120	137	137	131	7.34	cps
Zirconium	90-1	500	458	450	469	5.71	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:36:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	25	83	125	78	64.58	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:43:19	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	42	100	83	43.59	cps
Antimony	121-1	15034	14000	14692	14575	3.62	cps
Arsenic	75-2	87	113	94	98	13.60	cps
Barium	135-1	14458	14742	14884	14695	1.47	cps
Barium	137-1	26511	26402	25576	26163	1.95	cps
Beryllium	9-1	700	983	906	863	16.96	cps
Bismuth	209-1	5813156	5805149	5736895	5785067	0.72	cps
Bismuth	209-2	1490240	1684823	1698939	1624667	7.18	cps
Boron	10-1	2309	1934	2534	2259	13.42	cps
Boron	11-1	11038	10980	10371	10796	3.42	cps
Cadmium	111-1	2675	2576	2505	2585	3.30	cps
Cadmium	106-1	1717	1533	1508	1586	7.17	cps
Cadmium	108-1	146	146	150	147	1.63	cps
Calcium	43-1	9729	9487	9729	9648	1.45	cps
Calcium	44-1	146869	145432	147719	146673	0.79	cps
Chromium	52-2	2204	1984	2250	2146	6.64	cps
Cobalt	59-2	1673	1503	1543	1573	5.65	cps
Copper	63-2	2797	2660	2710	2723	2.54	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	58	58	56	8.67	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	75	58	17	50	60.09	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	9347779	9258253	9247121	9284384	0.59	cps
Holmium	165-2	1874140	2162433	2180946	2072506	8.30	cps
Indium	115-1	7780842	7699745	7731968	7737518	0.53	cps
Indium	115-2	314260	368878	373322	352153	9.34	cps
Iron	56-2	25218	23927	25802	24982	3.84	cps
Iron	57-2	606	567	694	622	10.53	cps
Lead	206-1	4601	4801	4968	4790	3.83	cps
Lead	207-1	4440	4273	4195	4303	2.90	cps
Lead	208-1	19318	18600	19601	19173	2.69	cps
Lithium	6-1	1043154	1019533	1007729	1023472	1.76	cps
Magnesium	24-2	11955	12147	11914	12006	1.04	cps
Manganese	55-2	283	237	213	244	14.58	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:43:19	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11973	12423	12748	12381	3.15	cps
Molybdenum	95-1	14934	14642	14575	14717	1.30	cps
Molybdenum	96-1	16669	16594	16819	16694	0.69	cps
Molybdenum	97-1	9028	9529	9262	9273	2.70	cps
Molybdenum	98-1	25224	23663	24014	24300	3.37	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	547	500	497	514	5.43	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	9145	9312	9312	9256	1.04	cps
Rhodium	103-1	7201428	7193866	7286778	7227357	0.71	cps
Rhodium	103-2	1724326	2000530	1994832	1906563	8.28	cps
Scandium	45-1	4526195	4550120	4490524	4522280	0.66	cps
Scandium	45-2	32178	37076	38008	35754	8.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	20	11	13	51.50	cps
Selenium	82-1	501	513	545	520	4.32	cps
Silicon	28-1	465100	463761	466836	465232	0.33	cps
Silver	109-1	7144	7319	7603	7355	3.15	cps
Silver	107-1	7186	7519	7803	7502	4.12	cps
Sodium	23-2	34844	34042	35086	34657	1.58	cps
Strontium	86-1	2509	2600	2667	2592	3.07	cps
Strontium	88-1	17028	16986	17103	17039	0.35	cps
Sulfur	34-1	354729	353729	353097	353852	0.23	cps
Terbium	159-1	9750040	9663172	9703584	9705599	0.45	cps
Terbium	159-2	1845791	2161725	2199089	2068868	9.38	cps
Thallium	203-1	5526	5126	5585	5413	4.61	cps
Thallium	205-1	12799	12832	13157	12929	1.53	cps
Tin	118-1	25684	24465	25525	25225	2.63	cps
Titanium	47-1	4301	3784	3959	4015	6.55	cps
Uranium	238-1	16395	16361	16261	16339	0.43	cps
Vanadium	51-2	2594	2540	2524	2553	1.43	cps
Yttrium	89-1	8155627	8107487	8102575	8121896	0.36	cps
Yttrium	89-2	232044	269538	272753	258112	8.77	cps
Zinc	66-2	437	433	393	421	5.73	cps
Zirconium	90-1	11238	11022	11147	11136	0.98	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:43:19	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2475	2459	2667	2534	4.57	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:46:48	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5910	5676	5460	5682	3.96	cps
Antimony	121-1	401445	398532	402609	400862	0.52	cps
Arsenic	75-2	4818	4810	4747	4792	0.81	cps
Barium	135-1	415970	423807	422183	420653	0.98	cps
Barium	137-1	732262	738520	736379	735721	0.43	cps
Beryllium	9-1	45305	45600	46782	45896	1.70	cps
Bismuth	209-1	5786476	5416877	5751248	5651534	3.61	cps
Bismuth	209-2	1729501	1737095	1738405	1735000	0.28	cps
Boron	10-1	5551	5510	5285	5448	2.63	cps
Boron	11-1	23595	24630	24964	24397	2.93	cps
Cadmium	111-1	88331	87180	87458	87656	0.69	cps
Cadmium	106-1	10530	10471	10354	10452	0.85	cps
Cadmium	108-1	5914	5943	6352	6070	4.03	cps
Calcium	43-1	89274	91926	91455	90885	1.56	cps
Calcium	44-1	1470915	1480645	1481652	1477737	0.40	cps
Chromium	52-2	38948	38911	39192	39017	0.39	cps
Cobalt	59-2	82549	82700	82723	82658	0.11	cps
Copper	63-2	144720	146981	143913	145204	1.10	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	67	100	50	72	35.25	cps
Gadolinium	160-2	3	17	13	11	62.48	cps
Holmium	165-1	9153475	8697109	9258927	9036504	3.30	cps
Holmium	165-2	2213250	2191233	2201790	2202091	0.50	cps
Indium	115-1	7674099	7188704	7611072	7491291	3.52	cps
Indium	115-2	367853	365546	364695	366031	0.45	cps
Iron	56-2	1333565	1328038	1327334	1329646	0.26	cps
Iron	57-2	32861	32778	33903	33181	1.89	cps
Lead	206-1	236571	238705	240328	238535	0.79	cps
Lead	207-1	215179	217997	218076	217084	0.76	cps
Lead	208-1	969420	974157	974393	972657	0.29	cps
Lithium	6-1	1010219	923234	1007559	980337	5.05	cps
Magnesium	24-2	135144	137114	134212	135490	1.09	cps
Manganese	55-2	21443	21807	21821	21690	0.99	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:46:48	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	313106	309175	310350	310877	0.65	cps
Molybdenum	95-1	166476	168086	166864	167142	0.50	cps
Molybdenum	96-1	216941	218387	214608	216646	0.88	cps
Molybdenum	97-1	104275	105987	104745	105002	0.84	cps
Molybdenum	98-1	267925	270950	268971	269282	0.57	cps
Neodymium	150-1	47	27	60	44	37.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	24906	24191	24692	24596	1.49	cps
Phosphorus	31-2	392	467	375	411	11.88	cps
Potassium	39-2	42482	42782	41303	42189	1.85	cps
Rhodium	103-1	7083899	6723770	7069471	6959047	2.93	cps
Rhodium	103-2	1998475	1975943	1990632	1988350	0.58	cps
Scandium	45-1	4467577	4160368	4389434	4339127	3.68	cps
Scandium	45-2	38376	37704	38135	38072	0.89	cps
Selenium	77-2	37	47	23	36	32.93	cps
Selenium	78-2	91	98	122	104	15.87	cps
Selenium	82-1	5354	5465	5357	5392	1.17	cps
Silicon	28-1	613819	619957	608621	614132	0.92	cps
Silver	109-1	399955	401737	401235	400976	0.23	cps
Silver	107-1	422346	418248	426930	422508	1.03	cps
Sodium	23-2	322147	317624	318487	319419	0.75	cps
Strontium	86-1	109671	107437	107520	108210	1.17	cps
Strontium	88-1	936046	924659	932576	931094	0.63	cps
Sulfur	34-1	394234	390203	391981	392139	0.52	cps
Terbium	159-1	9563837	9100889	9514600	9393109	2.71	cps
Terbium	159-2	2147399	2155004	2153262	2151888	0.19	cps
Thallium	203-1	292826	294012	292126	292988	0.33	cps
Thallium	205-1	702583	699899	704088	702190	0.30	cps
Tin	118-1	272429	279932	275046	275802	1.38	cps
Titanium	47-1	46420	44622	45525	45522	1.97	cps
Uranium	238-1	921187	916227	925467	920960	0.50	cps
Vanadium	51-2	29161	28472	28352	28662	1.52	cps
Yttrium	89-1	8020267	7446537	7980320	7815708	4.10	cps
Yttrium	89-2	267011	266130	267382	266841	0.24	cps
Zinc	66-2	13010	12936	12803	12916	0.81	cps
Zirconium	90-1	598310	598546	598013	598290	0.04	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:46:48	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	130370	134339	131177	131962	1.59	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 14:50:16 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13440	13432	13599	13490	0.70	cps
Antimony	121-1	1011702	1011317	1008387	1010469	0.18	cps
Arsenic	75-2	11918	11813	11731	11821	0.79	cps
Barium	135-1	1068484	1062623	1059872	1063660	0.41	cps
Barium	137-1	1884695	1885303	1854857	1874952	0.93	cps
Beryllium	9-1	117868	116791	117790	117483	0.51	cps
Bismuth	209-1	5868427	5869492	5876259	5871392	0.07	cps
Bismuth	209-2	1716021	1677734	1671482	1688413	1.43	cps
Boron	10-1	13032	13574	13740	13449	2.76	cps
Boron	11-1	60052	63968	63650	62556	3.48	cps
Cadmium	111-1	219156	217741	219117	218671	0.37	cps
Cadmium	106-1	23880	23997	24039	23972	0.34	cps
Cadmium	108-1	15034	15167	15805	15335	2.69	cps
Calcium	43-1	220930	222337	221150	221472	0.34	cps
Calcium	44-1	3611109	3582321	3660728	3618053	1.10	cps
Chromium	52-2	95906	95500	95154	95520	0.39	cps
Cobalt	59-2	205035	204240	205852	205042	0.39	cps
Copper	63-2	359272	356979	356050	357434	0.46	cps
Dysprosium	156-1	17	33	58	36	58.08	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	9385739	9528388	9466263	9460130	0.76	cps
Holmium	165-2	2198181	2154457	2140666	2164435	1.39	cps
Indium	115-1	7797750	7719595	7721854	7746400	0.57	cps
Indium	115-2	361765	358818	358029	359537	0.55	cps
Iron	56-2	3299044	3319347	3276482	3298291	0.65	cps
Iron	57-2	82476	82147	82102	82241	0.25	cps
Lead	206-1	604037	608104	606212	606118	0.34	cps
Lead	207-1	548656	547377	548505	548179	0.13	cps
Lead	208-1	2453447	2469306	2460617	2461123	0.32	cps
Lithium	6-1	1029744	1036834	1043358	1036645	0.66	cps
Magnesium	24-2	333392	335815	335458	334888	0.39	cps
Manganese	55-2	54081	53937	53599	53873	0.46	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:50:16	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	791161	782237	780163	784520	0.74	cps
Molybdenum	95-1	421931	426197	420337	422822	0.72	cps
Molybdenum	96-1	544873	544577	547889	545780	0.34	cps
Molybdenum	97-1	261121	260061	262497	261226	0.47	cps
Molybdenum	98-1	678207	677292	678872	678124	0.12	cps
Neodymium	150-1	27	20	53	33	52.92	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	60571	60554	60518	60548	0.05	cps
Phosphorus	31-2	1183	942	958	1028	13.13	cps
Potassium	39-2	100776	101247	99433	100485	0.94	cps
Rhodium	103-1	7243163	7119983	7150885	7171344	0.89	cps
Rhodium	103-2	1973662	2001638	1944396	1973232	1.45	cps
Scandium	45-1	4545482	4501997	4524612	4524030	0.48	cps
Scandium	45-2	37393	36908	37266	37189	0.68	cps
Selenium	77-2	80	77	110	89	20.65	cps
Selenium	78-2	276	296	248	273	8.84	cps
Selenium	82-1	13730	13255	13664	13550	1.90	cps
Silicon	28-1	892007	887490	899086	892861	0.65	cps
Silver	109-1	1013428	1016430	1021257	1017039	0.39	cps
Silver	107-1	1064522	1060507	1064594	1063208	0.22	cps
Sodium	23-2	788759	784156	776872	783262	0.77	cps
Strontium	86-1	270132	268279	268247	268886	0.40	cps
Strontium	88-1	2338046	2382056	2333470	2351191	1.14	cps
Sulfur	34-1	438417	437532	430088	435346	1.05	cps
Terbium	159-1	9840539	9825923	9889285	9851916	0.34	cps
Terbium	159-2	2147013	2103621	2118998	2123211	1.04	cps
Thallium	203-1	739721	746844	752761	746442	0.87	cps
Thallium	205-1	1810647	1802230	1808381	1807086	0.24	cps
Tin	118-1	694061	699843	696069	696657	0.42	cps
Titanium	47-1	114054	113591	114903	114183	0.58	cps
Uranium	238-1	2410372	2416758	2422396	2416509	0.25	cps
Vanadium	51-2	70724	70905	70945	70858	0.17	cps
Yttrium	89-1	8070829	8076171	8059502	8068834	0.11	cps
Yttrium	89-2	263415	261292	261262	261990	0.47	cps
Zinc	66-2	31513	31603	32147	31754	1.08	cps
Zirconium	90-1	1514535	1554506	1529416	1532819	1.32	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:50:16	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	329946	332990	333534	332157	0.58	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 14:53:40 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27544	27035	26968	27183	1.16	cps
Antimony	121-1	2057743	2030644	2054839	2047742	0.73	cps
Arsenic	75-2	22761	22761	22628	22717	0.34	cps
Barium	135-1	2184505	2187075	2190599	2187393	0.14	cps
Barium	137-1	3787190	3737765	3770372	3765109	0.67	cps
Beryllium	9-1	237179	238403	240941	238841	0.80	cps
Bismuth	209-1	6057277	6120004	6143349	6106877	0.73	cps
Bismuth	209-2	1643862	1640073	1650269	1644735	0.31	cps
Boron	10-1	26024	27619	27861	27168	3.67	cps
Boron	11-1	121519	127555	132364	127146	4.27	cps
Cadmium	111-1	434201	434795	438215	435737	0.50	cps
Cadmium	106-1	45578	45888	45737	45734	0.34	cps
Cadmium	108-1	29984	30631	30577	30397	1.18	cps
Calcium	43-1	442251	440974	441950	441725	0.15	cps
Calcium	44-1	7098099	7056687	7200180	7118322	1.04	cps
Chromium	52-2	187342	185295	186116	186251	0.55	cps
Cobalt	59-2	399859	397487	401144	399497	0.46	cps
Copper	63-2	699207	695397	696666	697090	0.28	cps
Dysprosium	156-1	42	33	25	33	25.01	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	8	58	33	33	75.02	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	50	83	92	75	29.40	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Holmium	165-1	9582185	9706534	9673489	9654070	0.67	cps
Holmium	165-2	2163463	2126509	2128061	2139344	0.98	cps
Indium	115-1	7712869	7741364	7819817	7758017	0.71	cps
Indium	115-2	343645	342727	345997	344123	0.49	cps
Iron	56-2	6402941	6353751	6335323	6364005	0.55	cps
Iron	57-2	159007	160181	160334	159841	0.45	cps
Lead	206-1	1227476	1236455	1245210	1236380	0.72	cps
Lead	207-1	1116874	1120735	1126348	1121319	0.42	cps
Lead	208-1	5092414	5114185	5120609	5109069	0.29	cps
Lithium	6-1	1079319	1066017	1076766	1074034	0.66	cps
Magnesium	24-2	673527	672016	672356	672633	0.12	cps
Manganese	55-2	106072	105115	105502	105563	0.46	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:53:40	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1569876	1583863	1587075	1580271	0.58	cps
Molybdenum	95-1	842537	847197	848131	845955	0.35	cps
Molybdenum	96-1	1081764	1090617	1095617	1089333	0.64	cps
Molybdenum	97-1	523094	527270	527518	525961	0.47	cps
Molybdenum	98-1	1349296	1364471	1362526	1358764	0.61	cps
Neodymium	150-1	80	107	80	89	17.32	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	117635	117393	118600	117876	0.54	cps
Phosphorus	31-2	1884	2000	1825	1903	4.68	cps
Potassium	39-2	192273	186967	194154	191131	1.95	cps
Rhodium	103-1	7150926	7177444	7164627	7164332	0.19	cps
Rhodium	103-2	1896530	1923079	1929263	1916291	0.91	cps
Scandium	45-1	4497827	4457032	4475672	4476843	0.46	cps
Scandium	45-2	35813	36467	36347	36209	0.96	cps
Selenium	77-2	130	143	167	147	12.65	cps
Selenium	78-2	496	524	633	551	13.14	cps
Selenium	82-1	27024	27037	26850	26970	0.39	cps
Silicon	28-1	1172879	1159985	1156514	1163126	0.74	cps
Silver	109-1	2067145	2039637	2054570	2053784	0.67	cps
Silver	107-1	2127336	2167829	2170983	2155383	1.13	cps
Sodium	23-2	1561475	1569928	1552078	1561161	0.57	cps
Strontium	86-1	534522	537476	537257	536418	0.31	cps
Strontium	88-1	4630414	4676112	4700092	4668872	0.76	cps
Sulfur	34-1	497643	499525	492858	496676	0.69	cps
Terbium	159-1	9895655	10024190	9983941	9967928	0.66	cps
Terbium	159-2	2079157	2074089	2089393	2080880	0.37	cps
Thallium	203-1	1510858	1529816	1537868	1526181	0.91	cps
Thallium	205-1	3632253	3702582	3673464	3669433	0.96	cps
Tin	118-1	1392885	1389078	1405713	1395892	0.62	cps
Titanium	47-1	226535	226988	227011	226845	0.12	cps
Uranium	238-1	4930059	4952000	4969762	4950607	0.40	cps
Vanadium	51-2	138257	137521	139842	138540	0.86	cps
Yttrium	89-1	8067832	8106793	8103737	8092787	0.27	cps
Yttrium	89-2	253411	255285	257273	255323	0.76	cps
Zinc	66-2	67131	67801	66961	67298	0.66	cps
Zirconium	90-1	3061859	3093710	3075563	3077044	0.52	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:53:40	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	662764	662501	665945	663736	0.29	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:56:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52197	50340	49312	50616	2.89	cps
Antimony	121-1	4088070	4095784	4165027	4116294	1.03	cps
Arsenic	75-2	42454	43030	42876	42786	0.70	cps
Barium	135-1	4332545	4323214	4390476	4348745	0.84	cps
Barium	137-1	7493369	7500981	7513276	7502542	0.13	cps
Beryllium	9-1	494009	493707	494552	494089	0.09	cps
Bismuth	209-1	6286716	6346915	6410122	6347918	0.97	cps
Bismuth	209-2	1573354	1580662	1582075	1578697	0.30	cps
Boron	10-1	54990	55725	57399	56038	2.20	cps
Boron	11-1	259729	268156	269316	265733	1.97	cps
Cadmium	111-1	870446	867865	878560	872290	0.64	cps
Cadmium	106-1	89496	90654	88490	89547	1.21	cps
Cadmium	108-1	60443	61276	61146	60955	0.74	cps
Calcium	43-1	870849	866865	874507	870740	0.44	cps
Calcium	44-1	14131853	14137650	14197238	14155581	0.26	cps
Chromium	52-2	357289	352905	353385	354527	0.68	cps
Cobalt	59-2	758582	759607	751546	756578	0.58	cps
Copper	63-2	1321681	1334582	1318312	1324859	0.65	cps
Dysprosium	156-1	25	75	67	56	48.22	cps
Dysprosium	156-2	3	10	27	13	90.16	cps
Erbium	164-1	50	67	25	47	44.41	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	83	125	67	92	32.78	cps
Gadolinium	160-2	17	10	27	18	47.19	cps
Holmium	165-1	10008621	9914765	10035492	9986293	0.63	cps
Holmium	165-2	2040014	2053785	2048841	2047546	0.34	cps
Indium	115-1	7791669	7853700	7823740	7823036	0.40	cps
Indium	115-2	320370	323419	321697	321829	0.48	cps
Iron	56-2	12187511	12169688	12024040	12127079	0.74	cps
Iron	57-2	304960	306593	305298	305617	0.28	cps
Lead	206-1	2587012	2652431	2629085	2622842	1.26	cps
Lead	207-1	2406368	2420835	2390366	2405856	0.63	cps
Lead	208-1	10624302	10776101	10777903	10726102	0.82	cps
Lithium	6-1	1136585	1156897	1187910	1160464	2.23	cps
Magnesium	24-2	1270831	1297525	1258272	1275543	1.57	cps
Manganese	55-2	199411	199409	197626	198815	0.52	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:56:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3185158	3174917	3160680	3173585	0.39	cps
Molybdenum	95-1	1705284	1698659	1703915	1702619	0.21	cps
Molybdenum	96-1	2245945	2226335	2255875	2242718	0.67	cps
Molybdenum	97-1	1049897	1053317	1055054	1052756	0.25	cps
Molybdenum	98-1	2762757	2794170	2818164	2791697	1.00	cps
Neodymium	150-1	113	167	240	173	36.69	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	224679	225918	223183	224593	0.61	cps
Phosphorus	31-2	3842	3567	3534	3648	4.64	cps
Potassium	39-2	359300	353335	352934	355190	1.00	cps
Rhodium	103-1	7157387	7200119	7099147	7152218	0.71	cps
Rhodium	103-2	1846284	1848767	1842916	1845989	0.16	cps
Scandium	45-1	4487281	4512483	4506593	4502119	0.29	cps
Scandium	45-2	34823	34319	34362	34501	0.81	cps
Selenium	77-2	353	283	297	311	11.95	cps
Selenium	78-2	1026	983	917	975	5.65	cps
Selenium	82-1	52881	53783	53164	53276	0.87	cps
Silicon	28-1	1843266	1825409	1830564	1833080	0.50	cps
Silver	109-1	4065828	4114674	4097417	4092640	0.61	cps
Silver	107-1	4273398	4249711	4284780	4269296	0.42	cps
Sodium	23-2	2948012	2948553	2934421	2943662	0.27	cps
Strontium	86-1	1057952	1064010	1072027	1064663	0.66	cps
Strontium	88-1	9201632	9171240	9121879	9164917	0.44	cps
Sulfur	34-1	602261	609312	608993	606855	0.66	cps
Terbium	159-1	10299812	10372653	10423613	10365359	0.60	cps
Terbium	159-2	2034126	2023878	1986415	2014806	1.25	cps
Thallium	203-1	3201297	3284381	3251879	3245852	1.29	cps
Thallium	205-1	7535908	7522959	7561978	7540282	0.26	cps
Tin	118-1	2861134	2843898	2882217	2862416	0.67	cps
Titanium	47-1	447454	454299	450064	450606	0.77	cps
Uranium	238-1	10275107	10428817	10518974	10407632	1.18	cps
Vanadium	51-2	263768	261588	261659	262338	0.47	cps
Yttrium	89-1	8058233	8074277	8042160	8058223	0.20	cps
Yttrium	89-2	241212	239140	239971	240108	0.43	cps
Zinc	66-2	116386	117364	116608	116786	0.44	cps
Zirconium	90-1	6021525	6012273	6081873	6038557	0.63	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 14:56:59	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1325621	1337285	1338243	1333716	0.53	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:00:13 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98306	97417	98071	97931	0.47	cps
Antimony	121-1	7730813	7863452	7990264	7861510	1.65	cps
Arsenic	75-2	83269	82913	83141	83108	0.22	cps
Barium	135-1	8215110	8439584	8520651	8391782	1.89	cps
Barium	137-1	14306113	14755452	14709255	14590273	1.69	cps
Beryllium	9-1	917903	942449	950056	936803	1.79	cps
Bismuth	209-1	6075739	6264941	6336964	6225881	2.17	cps
Bismuth	209-2	1535385	1522228	1550966	1536193	0.94	cps
Boron	10-1	106711	110642	111867	109740	2.45	cps
Boron	11-1	496515	516921	526084	513173	2.95	cps
Cadmium	111-1	1622009	1665493	1702387	1663296	2.42	cps
Cadmium	106-1	163656	171231	174423	169770	3.26	cps
Cadmium	108-1	115120	116674	118251	116682	1.34	cps
Calcium	43-1	1669732	1684528	1707820	1687360	1.14	cps
Calcium	44-1	26543324	26974758	27417480	26978521	1.62	cps
Chromium	52-2	695402	691920	700324	695882	0.61	cps
Cobalt	59-2	1489153	1435402	1472359	1465638	1.88	cps
Copper	63-2	2560327	2568530	2601706	2576854	0.85	cps
Dysprosium	156-1	100	158	133	131	22.41	cps
Dysprosium	156-2	30	23	23	26	15.07	cps
Erbium	164-1	58	58	33	50	28.88	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	108	83	92	94	13.48	cps
Gadolinium	160-2	20	20	17	19	10.18	cps
Holmium	165-1	9584991	9949533	10047806	9860777	2.47	cps
Holmium	165-2	1994989	1976471	2026430	1999296	1.26	cps
Indium	115-1	7261357	7489154	7587762	7446091	2.25	cps
Indium	115-2	304955	300953	306927	304278	1.00	cps
Iron	56-2	23330164	23315878	23611587	23419210	0.71	cps
Iron	57-2	586521	583534	593146	587734	0.84	cps
Lead	206-1	5018113	5188582	5195147	5133947	1.96	cps
Lead	207-1	4594171	4763352	4779228	4712250	2.18	cps
Lead	208-1	20480712	21181862	21232587	20965054	2.00	cps
Lithium	6-1	1137377	1182617	1173651	1164548	2.06	cps
Magnesium	24-2	2459161	2416576	2468211	2447983	1.13	cps
Manganese	55-2	378481	380153	382911	380515	0.59	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:00:13	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5925804	6071330	6114282	6037139	1.64	cps
Molybdenum	95-1	3209803	3242545	3319672	3257340	1.73	cps
Molybdenum	96-1	4213717	4306768	4354280	4291588	1.67	cps
Molybdenum	97-1	2021139	2048153	2094701	2054664	1.81	cps
Molybdenum	98-1	5236818	5346520	5395195	5326178	1.52	cps
Neodymium	150-1	360	267	273	300	17.36	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	434765	432374	437402	434847	0.58	cps
Phosphorus	31-2	6627	6710	7411	6916	6.22	cps
Potassium	39-2	676369	662969	675940	671760	1.13	cps
Rhodium	103-1	6624481	6817762	6907205	6783149	2.13	cps
Rhodium	103-2	1787640	1757647	1796986	1780758	1.15	cps
Scandium	45-1	4181136	4280659	4356947	4272914	2.06	cps
Scandium	45-2	33781	33891	33360	33677	0.83	cps
Selenium	77-2	523	587	603	571	7.39	cps
Selenium	78-2	1961	1859	1911	1911	2.67	cps
Selenium	82-1	99549	101296	102188	101011	1.33	cps
Silicon	28-1	2900005	3011376	2989841	2967074	1.99	cps
Silver	109-1	7613099	7774022	7774338	7720486	1.20	cps
Silver	107-1	7909688	8134329	8144149	8062722	1.64	cps
Sodium	23-2	5573729	5534692	5597113	5568511	0.57	cps
Strontium	86-1	2038777	2100100	2087074	2075317	1.56	cps
Strontium	88-1	17275417	17815896	17836074	17642462	1.80	cps
Sulfur	34-1	807126	824292	820687	817368	1.11	cps
Terbium	159-1	10003869	10226295	10279633	10169932	1.44	cps
Terbium	159-2	1977675	1947933	1980649	1968753	0.92	cps
Thallium	203-1	6151898	6314977	6450053	6305642	2.37	cps
Thallium	205-1	14522339	15036570	15186137	14915015	2.33	cps
Tin	118-1	5323613	5411417	5492674	5409235	1.56	cps
Titanium	47-1	836795	852389	868320	852501	1.85	cps
Uranium	238-1	20317956	20913677	21115808	20782480	2.00	cps
Vanadium	51-2	504385	504965	511535	506962	0.78	cps
Yttrium	89-1	7669536	7941036	7924211	7844927	1.94	cps
Yttrium	89-2	230536	227620	232657	230271	1.10	cps
Zinc	66-2	224448	223199	225283	224310	0.47	cps
Zirconium	90-1	11335345	11704395	11715970	11585237	1.87	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:00:13	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2533207	2579666	2624516	2579130	1.77	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:03:25	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	501115	526533	533649	520432	3.29	cps
Antimony	121-1	9329	10438	9929	9899	5.61	cps
Arsenic	75-2	30	31	37	33	11.79	cps
Barium	135-1	2159	2400	2134	2231	6.60	cps
Barium	137-1	4126	4409	4226	4254	3.38	cps
Beryllium	9-1	211	278	267	252	14.18	cps
Bismuth	209-1	6221647	6216531	5947497	6128558	2.56	cps
Bismuth	209-2	1444036	1485489	1527357	1485627	2.80	cps
Boron	10-1	5751	5310	4868	5310	8.32	cps
Boron	11-1	26175	24689	22193	24352	8.26	cps
Cadmium	111-1	1381	1204	1278	1287	6.91	cps
Cadmium	106-1	1609	1517	1600	1575	3.22	cps
Cadmium	108-1	17	29	25	24	26.95	cps
Calcium	43-1	9078993	9076765	9161247	9105668	0.53	cps
Calcium	44-1	148294787	148430941	147907957	148211228	0.18	cps
Chromium	52-2	9370	9607	9987	9655	3.22	cps
Cobalt	59-2	1693	1787	1807	1762	3.43	cps
Copper	63-2	3971	3717	3944	3877	3.59	cps
Dysprosium	156-1	58	67	67	64	7.53	cps
Dysprosium	156-2	10	10	17	12	31.50	cps
Erbium	164-1	67	58	50	58	14.29	cps
Erbium	164-2	13	7	0	7	99.98	cps
Gadolinium	160-1	92	100	50	81	33.26	cps
Gadolinium	160-2	20	33	17	23	37.78	cps
Holmium	165-1	10294748	10334806	9978756	10202770	1.91	cps
Holmium	165-2	1993898	2049799	2124356	2056018	3.18	cps
Indium	115-1	7785097	7780490	7532260	7699283	1.88	cps
Indium	115-2	307315	320020	324349	317228	2.79	cps
Iron	56-2	114021558	118020639	120472592	117504929	2.77	cps
Iron	57-2	2886783	3030463	3072428	2996558	3.25	cps
Lead	206-1	8069	7519	7742	7777	3.56	cps
Lead	207-1	6352	6630	6302	6428	2.75	cps
Lead	208-1	30293	29825	29870	29996	0.86	cps
Lithium	6-1	1229135	1238411	1197086	1221544	1.78	cps
Magnesium	24-2	12085313	12571991	12832400	12496568	3.03	cps
Manganese	55-2	1007	1237	1250	1165	11.75	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:03:25	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5343	4718	5410	5157	7.40	cps
Molybdenum	95-1	7577	8086	8078	7914	3.68	cps
Molybdenum	96-1	11539	10721	10479	10913	5.09	cps
Molybdenum	97-1	4918	4926	4826	4890	1.14	cps
Molybdenum	98-1	12773	12531	13082	12795	2.16	cps
Neodymium	150-1	107	53	113	91	36.09	cps
Neodymium	150-2	13	13	17	14	13.35	cps
Nickel	60-2	4447	4771	4781	4666	4.07	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	3391801	3578960	3615572	3528778	3.40	cps
Rhodium	103-1	7028920	7033117	6719979	6927339	2.59	cps
Rhodium	103-2	1720344	1770883	1806407	1765878	2.45	cps
Scandium	45-1	4569254	4586881	4522322	4559486	0.73	cps
Scandium	45-2	33557	35037	36317	34970	3.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	47	47	57	51	11.40	cps
Silicon	28-1	426583	431577	429071	429077	0.58	cps
Silver	109-1	817	800	842	820	2.56	cps
Silver	107-1	858	875	992	908	8.00	cps
Sodium	23-2	28115435	28913670	29802587	28943898	2.92	cps
Strontium	86-1	77269	79490	77696	78152	1.51	cps
Strontium	88-1	678070	671908	675238	675072	0.46	cps
Sulfur	34-1	357325	356991	359591	357969	0.40	cps
Terbium	159-1	10668302	10658299	10282677	10536426	2.09	cps
Terbium	159-2	1937636	1998782	2056333	1997584	2.97	cps
Thallium	203-1	2609	2742	2742	2698	2.85	cps
Thallium	205-1	6627	6269	6043	6313	4.66	cps
Tin	118-1	5485	5485	5618	5529	1.39	cps
Titanium	47-1	683	592	708	661	9.29	cps
Uranium	238-1	908	883	992	928	6.11	cps
Vanadium	51-2	113	120	83	106	18.50	cps
Yttrium	89-1	8280382	8309178	8131967	8240509	1.15	cps
Yttrium	89-2	234183	241307	249359	241616	3.14	cps
Zinc	66-2	693	773	887	784	12.38	cps
Zirconium	90-1	1575	1659	1442	1558	7.01	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:03:25	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	442	367	406	9.27	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:06:45 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2375	2584	2800	2586	8.22	cps
Antimony	121-1	1660788	1675637	1606277	1647567	2.22	cps
Arsenic	75-2	16059	16859	17146	16688	3.37	cps
Barium	135-1	177431	175881	168824	174045	2.64	cps
Barium	137-1	310810	307266	295033	304370	2.72	cps
Beryllium	9-1	101025	100074	97260	99453	1.97	cps
Bismuth	209-1	6687632	6708190	5957133	6450985	6.63	cps
Bismuth	209-2	1551332	1601076	1644753	1599054	2.92	cps
Boron	10-1	54663	56278	56788	55910	1.98	cps
Boron	11-1	257295	265323	261330	261316	1.54	cps
Cadmium	111-1	184534	183270	176917	181574	2.25	cps
Cadmium	106-1	29258	29266	28197	28907	2.13	cps
Cadmium	108-1	16631	16072	15338	16014	4.05	cps
Calcium	43-1	39080	40259	37660	39000	3.34	cps
Calcium	44-1	617970	627852	597026	614283	2.56	cps
Chromium	52-2	67097	69757	69998	68950	2.33	cps
Cobalt	59-2	147703	153040	153795	151513	2.19	cps
Copper	63-2	128800	132569	137698	133022	3.36	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	92	50	58	67	33.07	cps
Erbium	164-2	23	7	13	14	58.06	cps
Gadolinium	160-1	50	50	92	64	37.66	cps
Gadolinium	160-2	20	0	10	10	100.00	cps
Holmium	165-1	10349053	10329295	9249948	9976099	6.30	cps
Holmium	165-2	1966188	2040780	2103900	2036956	3.38	cps
Indium	115-1	8220699	8249764	7245479	7905314	7.23	cps
Indium	115-2	311223	323889	333358	322823	3.44	cps
Iron	56-2	467659	478067	487723	477816	2.10	cps
Iron	57-2	11216	11944	11944	11702	3.59	cps
Lead	206-1	1086827	1083943	1045173	1071981	2.17	cps
Lead	207-1	949164	952614	913688	938489	2.30	cps
Lead	208-1	4425282	4436499	4233895	4365225	2.61	cps
Lithium	6-1	1287507	1283842	1124292	1231881	7.57	cps
Magnesium	24-2	29883	30901	30718	30500	1.78	cps
Manganese	55-2	18759	19344	19794	19299	2.69	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:06:45	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3157919	3148528	3011216	3105888	2.64	cps
Molybdenum	95-1	1704989	1717650	1650016	1690885	2.13	cps
Molybdenum	96-1	2242609	2219040	2144289	2201979	2.33	cps
Molybdenum	97-1	1041410	1039321	995472	1025401	2.53	cps
Molybdenum	98-1	2773878	2765001	2636375	2725084	2.82	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43782	45986	46568	45445	3.23	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	29616	31102	30560	30426	2.47	cps
Rhodium	103-1	7557661	7584574	6717029	7286422	6.77	cps
Rhodium	103-2	1855226	1891356	1976429	1907670	3.26	cps
Scandium	45-1	4686957	4713683	4168377	4523006	6.80	cps
Scandium	45-2	33681	35288	35776	34915	3.14	cps
Selenium	77-2	117	103	127	116	10.13	cps
Selenium	78-2	385	404	444	411	7.38	cps
Selenium	82-1	21939	21853	20988	21593	2.44	cps
Silicon	28-1	1786228	1791259	1733960	1770483	1.79	cps
Silver	109-1	831445	823252	799251	817983	2.05	cps
Silver	107-1	869920	862879	838007	856935	1.96	cps
Sodium	23-2	123272	127374	132497	127714	3.62	cps
Strontium	86-1	1057966	1056844	1023571	1046127	1.87	cps
Strontium	88-1	9225046	9145036	8910474	9093519	1.80	cps
Sulfur	34-1	365169	360255	359058	361494	0.90	cps
Terbium	159-1	10813394	10669512	9481180	10321362	7.08	cps
Terbium	159-2	1991375	1990547	2062787	2014903	2.06	cps
Thallium	203-1	1342754	1359591	1308559	1336968	1.94	cps
Thallium	205-1	3272459	3303446	3151986	3242631	2.47	cps
Tin	118-1	2823801	2845826	2733073	2800900	2.13	cps
Titanium	47-1	445261	449556	432550	442456	2.00	cps
Uranium	238-1	11165329	11144043	10677776	10995716	2.51	cps
Vanadium	51-2	49397	51548	51498	50814	2.42	cps
Yttrium	89-1	8465093	8478519	7513338	8152317	6.79	cps
Yttrium	89-2	235128	238692	246860	240227	2.50	cps
Zinc	66-2	22552	23774	23927	23418	3.22	cps
Zirconium	90-1	6031595	5916883	5720610	5889696	2.67	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:06:45	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1310966	1297278	1261715	1289986	1.97	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:09:50	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	0	17	17	99.99	cps
Antimony	121-1	1300	1442	1300	1347	6.07	cps
Arsenic	75-2	4	6	9	6	45.85	cps
Barium	135-1	25	50	33	36	35.25	cps
Barium	137-1	67	75	33	58	37.79	cps
Beryllium	9-1	150	217	156	174	21.25	cps
Bismuth	209-1	6682129	6687936	6608690	6659585	0.66	cps
Bismuth	209-2	1491457	1638008	1664280	1597915	5.83	cps
Boron	10-1	3234	2984	2850	3023	6.44	cps
Boron	11-1	16252	15000	14024	15092	7.40	cps
Cadmium	111-1	1143	1221	1169	1178	3.35	cps
Cadmium	106-1	1609	1725	1617	1650	3.94	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	1408	1534	1592	1511	6.20	cps
Calcium	44-1	16994	18196	18505	17898	4.46	cps
Chromium	52-2	413	370	410	398	6.06	cps
Cobalt	59-2	47	47	67	53	21.65	cps
Copper	63-2	160	147	177	161	9.33	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	75	50	17	47	61.97	cps
Erbium	164-2	0	13	0	4	173.21	cps
Gadolinium	160-1	42	83	58	61	34.32	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	10077759	10300822	10232093	10203558	1.12	cps
Holmium	165-2	1900683	2116806	2125305	2047598	6.22	cps
Indium	115-1	8084025	8161408	8159569	8135001	0.54	cps
Indium	115-2	307467	334924	344469	328954	5.84	cps
Iron	56-2	1333	1278	1395	1335	4.37	cps
Iron	57-2	17	33	44	31	44.41	cps
Lead	206-1	750	822	672	748	10.03	cps
Lead	207-1	667	683	750	700	6.30	cps
Lead	208-1	3022	3111	3250	3128	3.67	cps
Lithium	6-1	1255090	1239986	1235735	1243604	0.82	cps
Magnesium	24-2	142	200	175	172	16.99	cps
Manganese	55-2	37	30	27	31	16.37	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:09:50	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	450	400	403	11.40	cps
Molybdenum	95-1	408	292	325	342	17.59	cps
Molybdenum	96-1	583	550	275	469	36.05	cps
Molybdenum	97-1	283	267	250	267	6.25	cps
Molybdenum	98-1	708	525	608	614	14.95	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	73	53	86	46.49	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2542	2409	2467	2473	2.70	cps
Rhodium	103-1	7494737	7566719	7583151	7548202	0.62	cps
Rhodium	103-2	1781762	1941389	2012457	1911869	6.18	cps
Scandium	45-1	4587647	4632093	4644401	4621380	0.65	cps
Scandium	45-2	32308	35164	36447	34640	6.12	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-20	-4	65	14	327.35	cps
Silicon	28-1	361726	362867	365421	363338	0.52	cps
Silver	109-1	258	208	100	189	42.85	cps
Silver	107-1	208	200	325	244	28.59	cps
Sodium	23-2	11113	10729	11130	10991	2.06	cps
Strontium	86-1	483	492	492	489	0.98	cps
Strontium	88-1	200	242	267	236	14.26	cps
Sulfur	34-1	352929	353742	352478	353050	0.18	cps
Terbium	159-1	10521508	10715684	10633561	10623584	0.92	cps
Terbium	159-2	1888287	2071825	2084445	2014853	5.45	cps
Thallium	203-1	850	717	750	772	8.99	cps
Thallium	205-1	2142	1725	1759	1875	12.35	cps
Tin	118-1	858	933	958	917	5.68	cps
Titanium	47-1	50	133	133	106	45.58	cps
Uranium	238-1	158	250	225	211	22.45	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Yttrium	89-1	8309315	8478061	8372962	8386779	1.02	cps
Yttrium	89-2	226324	245687	253030	241680	5.71	cps
Zinc	66-2	53	60	27	47	37.79	cps
Zirconium	90-1	792	625	542	653	19.50	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:09:50	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	167	133	142	15.56	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:13:01 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	479402	468652	481265	476440	1.43	cps
Antimony	121-1	9129	9671	9762	9520	3.60	cps
Arsenic	75-2	28	39	35	34	16.66	cps
Barium	135-1	2825	2359	2842	2675	10.26	cps
Barium	137-1	4259	4659	4843	4587	6.51	cps
Beryllium	9-1	300	294	361	319	11.61	cps
Bismuth	209-1	6141194	6263337	6345908	6250146	1.65	cps
Bismuth	209-2	1563703	1537861	1580391	1560652	1.37	cps
Boron	10-1	2167	2167	2025	2120	3.86	cps
Boron	11-1	9345	10012	8770	9376	6.63	cps
Cadmium	111-1	1538	1604	1468	1537	4.42	cps
Cadmium	106-1	1509	1500	1500	1503	0.32	cps
Cadmium	108-1	900	792	908	867	7.51	cps
Calcium	43-1	1660885	1683172	1741310	1695122	2.45	cps
Calcium	44-1	26862419	27499625	27859802	27407282	1.84	cps
Chromium	52-2	14024	14491	14645	14387	2.25	cps
Cobalt	59-2	1847	1820	1757	1808	2.56	cps
Copper	63-2	10444	10464	10558	10489	0.58	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	100	67	50	72	35.26	cps
Erbium	164-2	17	7	20	14	48.02	cps
Gadolinium	160-1	100	42	92	78	40.56	cps
Gadolinium	160-2	17	10	17	14	26.66	cps
Holmium	165-1	9938500	10041975	10205145	10061873	1.34	cps
Holmium	165-2	2094112	2049945	2113271	2085776	1.56	cps
Indium	115-1	7686472	7777917	7856611	7773667	1.10	cps
Indium	115-2	325298	321391	329208	325299	1.20	cps
Iron	56-2	47808554	47223933	48137746	47723411	0.97	cps
Iron	57-2	1201821	1187972	1206809	1198867	0.81	cps
Lead	206-1	27380	27169	26150	26899	2.45	cps
Lead	207-1	21691	21407	21897	21665	1.13	cps
Lead	208-1	103561	100789	101175	101842	1.47	cps
Lithium	6-1	1126536	1102278	1125421	1118078	1.22	cps
Magnesium	24-2	2512873	2505117	2543030	2520340	0.79	cps
Manganese	55-2	1520	1560	1583	1555	2.06	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:13:01	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3639813	3684966	3784384	3703055	2.00	cps
Molybdenum	95-1	6256156	6420820	6530679	6402551	2.16	cps
Molybdenum	96-1	6859893	7030498	7234857	7041749	2.67	cps
Molybdenum	97-1	3981757	4047604	4109203	4046188	1.58	cps
Molybdenum	98-1	10271929	10463559	10794946	10510145	2.52	cps
Neodymium	150-1	33	40	47	40	16.68	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	2480	2587	2490	2519	2.34	cps
Phosphorus	31-2	35947	35078	36423	35816	1.90	cps
Potassium	39-2	1430464	1401421	1449474	1427120	1.70	cps
Rhodium	103-1	6946644	7040533	7114167	7033781	1.19	cps
Rhodium	103-2	1874578	1839138	1903441	1872386	1.72	cps
Scandium	45-1	4381519	4475442	4506857	4454606	1.46	cps
Scandium	45-2	35715	34706	35665	35362	1.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	37	-18	35	18	173.91	cps
Silicon	28-1	456039	457296	455663	456333	0.19	cps
Silver	109-1	800	867	825	831	4.05	cps
Silver	107-1	675	750	817	747	9.49	cps
Sodium	23-2	5811946	5758395	5839721	5803354	0.71	cps
Strontium	86-1	70441	71487	74286	72072	2.76	cps
Strontium	88-1	609863	620519	633556	621313	1.91	cps
Sulfur	34-1	2226361	2246709	2315661	2262910	2.07	cps
Terbium	159-1	10254546	10309225	10451863	10338545	0.99	cps
Terbium	159-2	2047211	2014461	2063218	2041630	1.22	cps
Thallium	203-1	1208	1383	1550	1381	12.38	cps
Thallium	205-1	2675	3201	3642	3173	15.26	cps
Tin	118-1	1684	1667	1975	1775	9.77	cps
Titanium	47-1	1731671	1776938	1762604	1757071	1.32	cps
Uranium	238-1	358	475	433	422	14.00	cps
Vanadium	51-2	107	90	77	91	16.50	cps
Yttrium	89-1	7985837	8043908	8331276	8120340	2.28	cps
Yttrium	89-2	244455	242073	249562	245363	1.56	cps
Zinc	66-2	1423	1460	1403	1429	2.01	cps
Zirconium	90-1	808	783	808	800	1.80	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:13:01	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	167	242	214	19.22	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:16:06	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	491615	486686	488613	488971	0.51	cps
Antimony	121-1	176129	178183	177962	177425	0.64	cps
Arsenic	75-2	1867	1969	1822	1886	3.98	cps
Barium	135-1	38498	39017	37956	38490	1.38	cps
Barium	137-1	66636	67699	67130	67155	0.79	cps
Beryllium	9-1	18774	19208	19452	19145	1.80	cps
Bismuth	209-1	6234759	6194544	6161401	6196902	0.59	cps
Bismuth	209-2	1598803	1593677	1587675	1593385	0.35	cps
Boron	10-1	6343	6919	6694	6652	4.36	cps
Boron	11-1	29882	30826	30358	30355	1.55	cps
Cadmium	111-1	36632	36343	36558	36511	0.41	cps
Cadmium	106-1	5285	5485	5660	5476	3.43	cps
Cadmium	108-1	3526	3446	3667	3546	3.16	cps
Calcium	43-1	1718592	1767900	1758622	1748371	1.50	cps
Calcium	44-1	28079431	28324596	28450384	28284804	0.67	cps
Chromium	52-2	30256	29758	29825	29947	0.90	cps
Cobalt	59-2	34663	34052	33938	34218	1.14	cps
Copper	63-2	38594	38012	38116	38240	0.81	cps
Dysprosium	156-1	50	67	25	47	44.41	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	33	67	83	61	41.67	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	83	100	83	89	10.82	cps
Gadolinium	160-2	10	17	7	11	45.82	cps
Holmium	165-1	10183762	10048988	10176672	10136474	0.75	cps
Holmium	165-2	2169583	2156427	2121052	2149021	1.17	cps
Indium	115-1	7962720	7956677	7987977	7969124	0.21	cps
Indium	115-2	339544	341012	337929	339495	0.45	cps
Iron	56-2	48965029	48737564	49176826	48959806	0.45	cps
Iron	57-2	1231207	1215481	1233074	1226587	0.79	cps
Lead	206-1	131165	132097	130743	131335	0.53	cps
Lead	207-1	111525	111195	109994	110905	0.73	cps
Lead	208-1	510578	512248	505778	509535	0.66	cps
Lithium	6-1	1050933	1037953	1050446	1046444	0.70	cps
Magnesium	24-2	2598989	2539884	2566980	2568618	1.15	cps
Manganese	55-2	6068	5938	5818	5941	2.11	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:16:06	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4110839	4105589	4097268	4104565	0.17	cps
Molybdenum	95-1	6774974	6711743	6745476	6744064	0.47	cps
Molybdenum	96-1	7510879	7413437	7424836	7449717	0.72	cps
Molybdenum	97-1	4263948	4222307	4240238	4242164	0.49	cps
Molybdenum	98-1	11013463	11066439	11026198	11035367	0.25	cps
Neodymium	150-1	33	33	53	40	28.87	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	12059	12119	11955	12044	0.69	cps
Phosphorus	31-2	37526	36957	37919	37467	1.29	cps
Potassium	39-2	1476988	1481566	1488686	1482413	0.40	cps
Rhodium	103-1	7225276	7217393	7182648	7208439	0.31	cps
Rhodium	103-2	1902443	1925021	1904155	1910540	0.66	cps
Scandium	45-1	4593290	4562768	4612279	4589446	0.54	cps
Scandium	45-2	37136	35548	36678	36454	2.24	cps
Selenium	77-2	17	7	17	13	43.29	cps
Selenium	78-2	37	54	39	43	21.13	cps
Selenium	82-1	2210	2221	2223	2218	0.31	cps
Silicon	28-1	645334	640133	637611	641026	0.61	cps
Silver	109-1	158053	155599	157696	157116	0.84	cps
Silver	107-1	165513	164686	166585	165595	0.57	cps
Sodium	23-2	6000381	5918521	5994599	5971167	0.77	cps
Strontium	86-1	175152	178558	178544	177418	1.11	cps
Strontium	88-1	1558633	1572227	1589603	1573488	0.99	cps
Sulfur	34-1	2318282	2323142	2333752	2325058	0.34	cps
Terbium	159-1	10385578	10435666	10522675	10447973	0.66	cps
Terbium	159-2	2088557	2125410	2083086	2099017	1.10	cps
Thallium	203-1	129757	130338	133150	131082	1.38	cps
Thallium	205-1	310100	312147	313157	311802	0.50	cps
Tin	118-1	270365	273180	275606	273050	0.96	cps
Titanium	47-1	1831494	1824336	1837853	1831228	0.37	cps
Uranium	238-1	976277	986578	975980	979612	0.62	cps
Vanadium	51-2	11462	11025	10791	11092	3.07	cps
Yttrium	89-1	8338522	8349859	8462701	8383694	0.82	cps
Yttrium	89-2	255150	258300	252693	255381	1.10	cps
Zinc	66-2	4307	3697	4107	4037	7.70	cps
Zirconium	90-1	581261	588752	593314	587776	1.04	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:16:06	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	131170	129175	129686	130010	0.80	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:19:09	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275313	269772	267606	270897	1.47	cps
Antimony	121-1	4152667	4124383	4194712	4157254	0.85	cps
Arsenic	75-2	45467	44315	44180	44654	1.58	cps
Barium	135-1	4465942	4405630	4470214	4447262	0.81	cps
Barium	137-1	7643513	7587218	7700625	7643785	0.74	cps
Beryllium	9-1	481604	471423	486170	479732	1.57	cps
Bismuth	209-1	6313409	5987876	6260339	6187208	2.82	cps
Bismuth	209-2	1589190	1562539	1573943	1575224	0.85	cps
Boron	10-1	54329	55985	58143	56152	3.41	cps
Boron	11-1	255994	259719	266668	260794	2.08	cps
Cadmium	111-1	854876	846967	862031	854625	0.88	cps
Cadmium	106-1	88113	87784	89655	88518	1.13	cps
Cadmium	108-1	59799	59430	60422	59884	0.84	cps
Calcium	43-1	4470132	4401877	4479313	4450440	0.95	cps
Calcium	44-1	73103633	71764102	73328454	72732063	1.16	cps
Chromium	52-2	396079	392162	393334	393858	0.51	cps
Cobalt	59-2	778401	769233	764945	770860	0.89	cps
Copper	63-2	1326561	1309606	1299570	1311913	1.04	cps
Dysprosium	156-1	108	75	108	97	19.80	cps
Dysprosium	156-2	17	20	7	14	48.02	cps
Erbium	164-1	83	42	75	67	33.07	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	108	167	75	117	39.77	cps
Gadolinium	160-2	20	20	20	20	0.00	cps
Holmium	165-1	10363587	9752888	10246075	10120850	3.20	cps
Holmium	165-2	2196233	2129587	2135550	2153790	1.71	cps
Indium	115-1	7991281	7592343	8006910	7863511	2.99	cps
Indium	115-2	336481	330579	330400	332487	1.04	cps
Iron	56-2	61042854	59915757	59812965	60257192	1.13	cps
Iron	57-2	1541071	1523992	1532565	1532543	0.56	cps
Lead	206-1	2598575	2580793	2600660	2593343	0.42	cps
Lead	207-1	2381389	2355307	2400845	2379180	0.96	cps
Lead	208-1	10636961	10490159	10659935	10595685	0.87	cps
Lithium	6-1	1150577	1089461	1164216	1134751	3.51	cps
Magnesium	24-2	6522338	6388259	6439739	6450112	1.05	cps
Manganese	55-2	208076	205767	204182	206008	0.95	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:19:09	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3314748	3280106	3308657	3301170	0.56	cps
Molybdenum	95-1	1809097	1781135	1792448	1794226	0.78	cps
Molybdenum	96-1	2369167	2322375	2322543	2338028	1.15	cps
Molybdenum	97-1	1072835	1074881	1092144	1079954	0.98	cps
Molybdenum	98-1	2887368	2853140	2914166	2884891	1.06	cps
Neodymium	150-1	267	200	200	222	17.32	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	238286	235603	234676	236188	0.79	cps
Phosphorus	31-2	4192	3659	3692	3848	7.77	cps
Potassium	39-2	1855291	1851663	1848888	1851947	0.17	cps
Rhodium	103-1	7229556	6838910	7181474	7083314	3.01	cps
Rhodium	103-2	1884633	1863057	1841532	1863074	1.16	cps
Scandium	45-1	4728450	4348078	4698856	4591795	4.61	cps
Scandium	45-2	37417	36538	35926	36627	2.05	cps
Selenium	77-2	263	310	283	286	8.20	cps
Selenium	78-2	1109	985	1048	1048	5.92	cps
Selenium	82-1	53075	53005	53673	53251	0.69	cps
Silicon	28-1	1870768	1868851	1898890	1879503	0.89	cps
Silver	109-1	4068088	4004059	4031315	4034487	0.80	cps
Silver	107-1	4244220	4166996	4238231	4216482	1.02	cps
Sodium	23-2	15306724	15048659	14948341	15101241	1.22	cps
Strontium	86-1	1132361	1111430	1132529	1125440	1.08	cps
Strontium	88-1	9804969	9555876	9817883	9726243	1.52	cps
Sulfur	34-1	601388	595568	599676	598877	0.50	cps
Terbium	159-1	10744545	10035970	10588938	10456484	3.56	cps
Terbium	159-2	2122993	2096850	2076380	2098741	1.11	cps
Thallium	203-1	3217421	3192483	3207046	3205650	0.39	cps
Thallium	205-1	7490149	7465221	7535180	7496850	0.47	cps
Tin	118-1	2848528	2840179	2918427	2869045	1.50	cps
Titanium	47-1	456432	450480	466491	457801	1.77	cps
Uranium	238-1	10471930	10426897	10476639	10458489	0.26	cps
Vanadium	51-2	276989	275642	275574	276068	0.29	cps
Yttrium	89-1	8629005	7982732	8472397	8361378	4.03	cps
Yttrium	89-2	257667	249088	252880	253212	1.70	cps
Zinc	66-2	117949	116353	117066	117123	0.68	cps
Zirconium	90-1	6263632	6229478	6279389	6257500	0.41	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:19:09	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1405544	1343229	1390463	1379745	2.36	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : CCB81 Instrumnet Name : P8
 Client Sample ID : CCB81 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:22:09 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	8	19	49.50	cps
Antimony	121-1	1767	1817	1900	1828	3.69	cps
Arsenic	75-2	4	6	0	3	91.69	cps
Barium	135-1	17	17	42	25	57.73	cps
Barium	137-1	33	25	0	19	89.21	cps
Beryllium	9-1	206	256	178	213	18.51	cps
Bismuth	209-1	6515277	6145175	6016477	6225643	4.16	cps
Bismuth	209-2	1596109	1636064	1648939	1627038	1.69	cps
Boron	10-1	2492	2234	2225	2317	6.54	cps
Boron	11-1	11255	10838	10271	10788	4.58	cps
Cadmium	111-1	1225	1073	1023	1107	9.53	cps
Cadmium	106-1	1675	1483	1400	1520	9.28	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Calcium	43-1	1592	1400	1333	1442	9.30	cps
Calcium	44-1	19865	18972	19523	19453	2.32	cps
Chromium	52-2	547	577	613	579	5.77	cps
Cobalt	59-2	50	47	53	50	6.66	cps
Copper	63-2	217	247	247	237	7.32	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	25	8	25	66.68	cps
Erbium	164-2	17	3	0	7	132.33	cps
Gadolinium	160-1	42	75	42	53	36.46	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	10016948	9663428	9234817	9638398	4.06	cps
Holmium	165-2	2044876	2101849	2117109	2087945	1.82	cps
Indium	115-1	8041131	7668884	7503320	7737778	3.56	cps
Indium	115-2	332363	338110	340805	337092	1.28	cps
Iron	56-2	1817	1750	1622	1730	5.71	cps
Iron	57-2	72	44	33	50	40.06	cps
Lead	206-1	1156	1039	1145	1113	5.79	cps
Lead	207-1	1295	1122	1150	1189	7.78	cps
Lead	208-1	4862	4573	4745	4726	3.08	cps
Lithium	6-1	1184255	1159364	1100410	1148010	3.75	cps
Magnesium	24-2	175	192	183	183	4.55	cps
Manganese	55-2	30	23	13	22	37.76	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:22:09	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	758	683	592	678	12.32	cps
Molybdenum	95-1	583	567	475	542	10.77	cps
Molybdenum	96-1	683	775	600	686	12.76	cps
Molybdenum	97-1	417	325	333	358	14.15	cps
Molybdenum	98-1	967	992	800	920	11.33	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	120	113	113	5.88	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2725	2500	2659	2628	4.40	cps
Rhodium	103-1	7415099	7077885	6964708	7152564	3.28	cps
Rhodium	103-2	1927024	1964438	1973564	1955009	1.26	cps
Scandium	45-1	4536213	4286719	4235685	4352872	3.69	cps
Scandium	45-2	35535	36073	35381	35663	1.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	7	-64	-46	-34	-107.72	cps
Silicon	28-1	350149	350441	342780	347790	1.25	cps
Silver	109-1	450	383	333	389	15.05	cps
Silver	107-1	333	408	417	386	11.89	cps
Sodium	23-2	10554	10446	10187	10396	1.81	cps
Strontium	86-1	558	517	542	539	3.89	cps
Strontium	88-1	283	250	267	267	6.25	cps
Sulfur	34-1	344869	340597	337476	340981	1.09	cps
Terbium	159-1	10358189	9839503	9600672	9932788	3.90	cps
Terbium	159-2	1999447	2067668	2038535	2035217	1.68	cps
Thallium	203-1	1125	1100	983	1070	7.07	cps
Thallium	205-1	2475	2292	2400	2389	3.86	cps
Tin	118-1	1017	867	900	928	8.49	cps
Titanium	47-1	200	225	208	211	6.03	cps
Uranium	238-1	125	92	92	103	18.73	cps
Vanadium	51-2	7	10	0	6	91.64	cps
Yttrium	89-1	8114537	7894741	7612890	7874056	3.19	cps
Yttrium	89-2	242639	246464	250284	246462	1.55	cps
Zinc	66-2	50	53	70	58	18.55	cps
Zirconium	90-1	700	600	675	658	7.91	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:22:09	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	275	133	178	47.42	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:25:18	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	142	125	125	13.33	cps
Antimony	121-1	15585	15768	14984	15446	2.66	cps
Arsenic	75-2	93	76	87	85	9.96	cps
Barium	135-1	15618	15543	15418	15526	0.65	cps
Barium	137-1	26979	27438	28248	27555	2.33	cps
Beryllium	9-1	972	995	1039	1002	3.39	cps
Bismuth	209-1	6611956	6617025	5569973	6266318	9.62	cps
Bismuth	209-2	1649831	1639126	451090	1246682	55.27	cps
Boron	10-1	3826	3526	3851	3734	4.84	cps
Boron	11-1	17269	17328	17753	17450	1.51	cps
Cadmium	111-1	2791	2728	2542	2687	4.82	cps
Cadmium	106-1	1975	1675	1650	1767	10.24	cps
Cadmium	108-1	125	129	150	135	9.94	cps
Calcium	43-1	9195	9337	9220	9251	0.82	cps
Calcium	44-1	146692	145624	144596	145637	0.72	cps
Chromium	52-2	2017	1990	1873	1960	3.89	cps
Cobalt	59-2	1553	1480	1503	1512	2.48	cps
Copper	63-2	2584	2514	2810	2636	5.88	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	33	50	47	26.97	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	13	0	3	6	124.93	cps
Holmium	165-1	10159940	10152131	8651772	9654614	9.00	cps
Holmium	165-2	2114580	2125141	577033	1605585	55.48	cps
Indium	115-1	8050507	8183554	6894742	7709601	9.19	cps
Indium	115-2	339649	339387	96479	258505	54.28	cps
Iron	56-2	23993	24138	24422	24184	0.90	cps
Iron	57-2	728	594	467	596	21.90	cps
Lead	206-1	5785	5535	5879	5733	3.11	cps
Lead	207-1	5218	5318	5001	5179	3.13	cps
Lead	208-1	23259	23426	23231	23305	0.45	cps
Lithium	6-1	1188717	1215343	1025986	1143349	8.97	cps
Magnesium	24-2	11739	12131	12339	12070	2.53	cps
Manganese	55-2	190	220	203	204	7.35	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:25:18	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13374	12465	12548	12795	3.93	cps
Molybdenum	95-1	14934	15618	16002	15518	3.49	cps
Molybdenum	96-1	17295	17412	17095	17267	0.93	cps
Molybdenum	97-1	9462	9821	9504	9596	2.04	cps
Molybdenum	98-1	25283	24648	24648	24860	1.47	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	560	627	637	608	6.86	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	9320	9028	9137	9162	1.61	cps
Rhodium	103-1	7494176	7504812	6396215	7131734	8.93	cps
Rhodium	103-2	1975999	1953521	552654	1494058	54.57	cps
Scandium	45-1	4606848	4575459	3927132	4369813	8.78	cps
Scandium	45-2	35451	35030	10709	27064	52.34	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	7	15	6	9	52.90	cps
Selenium	82-1	466	488	495	483	3.11	cps
Silicon	28-1	397628	391078	394979	394562	0.84	cps
Silver	109-1	7586	7736	7744	7689	1.16	cps
Silver	107-1	8153	7703	8069	7975	3.00	cps
Sodium	23-2	37526	37308	37158	37331	0.50	cps
Strontium	86-1	2484	2450	2592	2509	2.95	cps
Strontium	88-1	17220	17604	17153	17326	1.40	cps
Sulfur	34-1	344883	345045	342222	344050	0.46	cps
Terbium	159-1	10447871	10434422	8924524	9935606	8.81	cps
Terbium	159-2	2076919	2060147	566914	1567993	55.29	cps
Thallium	203-1	6660	6777	6936	6791	2.03	cps
Thallium	205-1	15343	15527	15018	15296	1.69	cps
Tin	118-1	26143	26093	27178	26472	2.31	cps
Titanium	47-1	4243	4226	3776	4081	6.49	cps
Uranium	238-1	18489	18915	18790	18732	1.17	cps
Vanadium	51-2	2284	2254	2554	2364	6.99	cps
Yttrium	89-1	8339967	8326804	7184977	7950583	8.34	cps
Yttrium	89-2	248847	250028	69694	189523	54.76	cps
Zinc	66-2	317	350	353	340	5.96	cps
Zirconium	90-1	11589	11580	10980	11383	3.07	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:25:18	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2642	2709	2484	2611	4.43	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103519BL	Instrumnet Name :	P8
Client Sample ID :	PB103519BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:31:22	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	17	17	50.01	cps
Antimony	121-1	292	342	450	361	22.41	cps
Arsenic	75-2	2	4	4	3	34.64	cps
Barium	135-1	17	25	17	19	24.73	cps
Barium	137-1	25	33	50	36	35.25	cps
Beryllium	9-1	139	156	56	117	45.92	cps
Bismuth	209-1	5951876	6460674	6495960	6302837	4.83	cps
Bismuth	209-2	1649119	1696465	1659286	1668290	1.49	cps
Boron	10-1	883	950	933	922	3.76	cps
Boron	11-1	4409	4426	4167	4334	3.34	cps
Cadmium	111-1	851	1040	1030	974	10.93	cps
Cadmium	106-1	1192	1450	1450	1364	10.94	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	1300	1534	1375	1403	8.49	cps
Calcium	44-1	17937	17361	18087	17795	2.15	cps
Chromium	52-2	577	553	583	571	2.76	cps
Cobalt	59-2	43	50	50	48	8.06	cps
Copper	63-2	157	140	147	148	5.68	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	25	67	8	33	90.15	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	9291187	9891738	10148222	9777049	4.50	cps
Holmium	165-2	2111067	2121685	2159247	2130666	1.19	cps
Indium	115-1	7371573	7874105	8066762	7770813	4.62	cps
Indium	115-2	340404	340738	343608	341583	0.52	cps
Iron	56-2	1111	1317	1200	1209	8.53	cps
Iron	57-2	44	33	11	30	57.29	cps
Lead	206-1	794	789	744	776	3.53	cps
Lead	207-1	611	700	711	674	8.13	cps
Lead	208-1	2872	3050	2995	2972	3.06	cps
Lithium	6-1	1081504	1164376	1196887	1147589	5.18	cps
Magnesium	24-2	117	108	100	108	7.69	cps
Manganese	55-2	7	17	17	13	43.29	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103519BL	Instrumnet Name :	P8
Client Sample ID :	PB103519BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:31:22	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	292	217	256	14.70	cps
Molybdenum	95-1	133	100	192	142	32.75	cps
Molybdenum	96-1	225	250	275	250	10.00	cps
Molybdenum	97-1	133	125	125	128	3.76	cps
Molybdenum	98-1	175	250	292	239	24.75	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	60	77	67	13.23	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2559	2434	2534	2509	2.64	cps
Rhodium	103-1	6848103	7352289	7462392	7220928	4.54	cps
Rhodium	103-2	1971128	1997467	1975860	1981485	0.71	cps
Scandium	45-1	4183536	4422944	4560062	4388847	4.34	cps
Scandium	45-2	36447	35996	36641	36362	0.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-1	-58	-53	-37	-84.89	cps
Silicon	28-1	345684	350274	349507	348489	0.71	cps
Silver	109-1	125	108	150	128	16.41	cps
Silver	107-1	192	217	192	200	7.22	cps
Sodium	23-2	8953	8753	8761	8823	1.28	cps
Strontium	86-1	542	442	525	503	10.66	cps
Strontium	88-1	208	175	142	175	19.05	cps
Sulfur	34-1	345738	351474	349766	348993	0.84	cps
Terbium	159-1	9588117	10171496	10358233	10039282	4.00	cps
Terbium	159-2	2076105	2073046	2104716	2084622	0.84	cps
Thallium	203-1	450	358	400	403	11.39	cps
Thallium	205-1	958	958	892	936	4.11	cps
Tin	118-1	567	783	650	667	16.39	cps
Titanium	47-1	108	167	108	128	26.36	cps
Uranium	238-1	208	217	142	189	21.76	cps
Vanadium	51-2	10	7	0	6	91.64	cps
Yttrium	89-1	7584455	8044816	8344849	7991373	4.79	cps
Yttrium	89-2	250075	248537	252148	250253	0.72	cps
Zinc	66-2	67	63	67	66	2.94	cps
Zirconium	90-1	375	642	625	547	27.30	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103519BL	Instrumnet Name :	P8
Client Sample ID :	PB103519BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:31:22	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	142	133	111	41.30	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103519BS	Instrumnet Name :	P8
Client Sample ID :	PB103519BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:34:30	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	17	14	34.67	cps
Antimony	121-1	208	192	242	214	11.90	cps
Arsenic	75-2	0	4	6	3	91.69	cps
Barium	135-1	58	42	58	53	18.23	cps
Barium	137-1	33	75	75	61	39.37	cps
Beryllium	9-1	117	83	94	98	17.29	cps
Bismuth	209-1	6814468	6767932	6737774	6773391	0.57	cps
Bismuth	209-2	1661248	1665061	1674289	1666866	0.40	cps
Boron	10-1	1000	783	908	897	12.12	cps
Boron	11-1	3926	3409	3476	3603	7.80	cps
Cadmium	111-1	1163	1039	1113	1105	5.62	cps
Cadmium	106-1	1625	1425	1567	1539	6.68	cps
Cadmium	108-1	0	0	13	4	173.21	cps
Calcium	43-1	1392	1642	1609	1547	8.77	cps
Calcium	44-1	16777	17612	17954	17448	3.47	cps
Chromium	52-2	377	400	403	393	3.69	cps
Cobalt	59-2	77	47	77	67	25.98	cps
Copper	63-2	123	137	137	132	5.82	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	58	67	47	56.72	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	10370534	10291722	10237063	10299773	0.65	cps
Holmium	165-2	2131757	2150639	2155517	2145971	0.58	cps
Indium	115-1	8312052	8270259	8251504	8277938	0.37	cps
Indium	115-2	341415	343128	342971	342504	0.28	cps
Iron	56-2	1106	1200	1206	1170	4.80	cps
Iron	57-2	33	28	33	31	10.18	cps
Lead	206-1	2729021	2697625	2701403	2709350	0.63	cps
Lead	207-1	2528084	2525858	2511016	2521653	0.37	cps
Lead	208-1	11215838	11162509	11184711	11187686	0.24	cps
Lithium	6-1	1232456	1209253	1208730	1216813	1.11	cps
Magnesium	24-2	92	133	117	114	18.41	cps
Manganese	55-2	27	17	20	21	24.12	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103519BS	Instrumnet Name :	P8
Client Sample ID :	PB103519BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:34:30	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	250	300	278	9.17	cps
Molybdenum	95-1	125	150	175	150	16.67	cps
Molybdenum	96-1	217	267	225	236	11.35	cps
Molybdenum	97-1	158	92	200	150	36.43	cps
Molybdenum	98-1	225	208	275	236	14.69	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	90	43	77	70	34.34	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2209	2417	2650	2425	9.11	cps
Rhodium	103-1	7688008	7644206	7602679	7644964	0.56	cps
Rhodium	103-2	1975603	1993134	1985705	1984814	0.44	cps
Scandium	45-1	4682208	4712858	4659236	4684767	0.57	cps
Scandium	45-2	35428	36297	36387	36037	1.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	27	17	16	20	29.71	cps
Silicon	28-1	353538	357773	352853	354721	0.75	cps
Silver	109-1	175	158	108	147	23.57	cps
Silver	107-1	158	258	125	181	38.43	cps
Sodium	23-2	8053	8578	8086	8239	3.57	cps
Strontium	86-1	475	542	442	486	10.47	cps
Strontium	88-1	167	183	117	156	22.30	cps
Sulfur	34-1	358823	353143	358649	356872	0.91	cps
Terbium	159-1	10750326	10651079	10739877	10713761	0.51	cps
Terbium	159-2	2101337	2122543	2113920	2112600	0.50	cps
Thallium	203-1	383	350	383	372	5.17	cps
Thallium	205-1	933	1008	908	950	5.48	cps
Tin	118-1	500	717	500	572	21.86	cps
Titanium	47-1	108	200	125	144	33.80	cps
Uranium	238-1	158	83	100	114	34.58	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	8443435	8426395	8534140	8467990	0.68	cps
Yttrium	89-2	250899	251522	250600	251007	0.19	cps
Zinc	66-2	60	47	50	52	13.28	cps
Zirconium	90-1	642	700	633	658	5.52	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103519BS	Instrumnet Name :	P8
Client Sample ID :	PB103519BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:34:30	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	183	217	178	23.59	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-01 Instrumnet Name : P8
 Client Sample ID : XADP-37-FL2-KI-W2-F1- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:37:38 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	108	158	136	18.70	cps
Antimony	121-1	800	667	708	725	9.41	cps
Arsenic	75-2	19	37	28	28	33.33	cps
Barium	135-1	23246	23138	24148	23511	2.36	cps
Barium	137-1	41943	41073	40496	41171	1.77	cps
Beryllium	9-1	89	72	106	89	18.75	cps
Bismuth	209-1	7175427	7106998	7094963	7125796	0.61	cps
Bismuth	209-2	1717850	1829620	1861146	1802872	4.18	cps
Boron	10-1	2242	2050	2284	2192	5.68	cps
Boron	11-1	9837	9929	10221	9996	2.00	cps
Cadmium	111-1	1113	1248	1244	1202	6.40	cps
Cadmium	106-1	1542	1709	1742	1664	6.44	cps
Cadmium	108-1	29	21	42	31	34.33	cps
Calcium	43-1	116162	117035	117615	116937	0.63	cps
Calcium	44-1	1953241	1953556	1955786	1954194	0.07	cps
Chromium	52-2	413	597	480	497	18.68	cps
Cobalt	59-2	440	393	467	433	8.57	cps
Copper	63-2	229005	226038	225987	227010	0.76	cps
Dysprosium	156-1	50	33	25	36	35.25	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	58	83	67	69	18.33	cps
Erbium	164-2	10	17	3	10	66.70	cps
Gadolinium	160-1	117	100	50	89	39.03	cps
Gadolinium	160-2	27	23	20	23	14.29	cps
Holmium	165-1	11170138	11079474	11073223	11107612	0.49	cps
Holmium	165-2	2162756	2312432	2275280	2250156	3.46	cps
Indium	115-1	8940490	8799279	8864079	8867949	0.80	cps
Indium	115-2	344690	363207	361285	356394	2.86	cps
Iron	56-2	34476	34271	35730	34825	2.27	cps
Iron	57-2	872	756	794	807	7.36	cps
Lead	206-1	7981	7964	8169	8038	1.42	cps
Lead	207-1	7013	6880	7169	7021	2.06	cps
Lead	208-1	31889	31650	32411	31983	1.22	cps
Lithium	6-1	1318752	1281338	1313624	1304571	1.55	cps
Magnesium	24-2	49278	49755	48918	49317	0.85	cps
Manganese	55-2	2654	2657	2680	2664	0.55	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-01	Instrumnet Name :	P8
Client Sample ID :	XADP-37-FL2-KI-W2-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:37:38	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	583	575	508	556	7.40	cps
Molybdenum	95-1	192	250	258	233	15.57	cps
Molybdenum	96-1	442	317	375	378	16.56	cps
Molybdenum	97-1	200	208	175	194	8.92	cps
Molybdenum	98-1	425	342	367	378	11.32	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	927	837	910	891	5.37	cps
Phosphorus	31-2	233	233	250	239	4.03	cps
Potassium	39-2	10012	9812	9862	9896	1.05	cps
Rhodium	103-1	8249458	8073138	8171192	8164596	1.08	cps
Rhodium	103-2	1999862	2113926	2096755	2070181	2.97	cps
Scandium	45-1	5052027	5013351	4948162	5004513	1.05	cps
Scandium	45-2	36100	38456	38045	37534	3.35	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-22	-9	42	4	920.30	cps
Silicon	28-1	3506277	3520983	3474508	3500589	0.68	cps
Silver	109-1	225	183	250	219	15.35	cps
Silver	107-1	200	250	308	253	21.45	cps
Sodium	23-2	676337	668413	663408	669386	0.97	cps
Strontium	86-1	46112	46405	45410	45975	1.11	cps
Strontium	88-1	403406	399991	403031	402143	0.47	cps
Sulfur	34-1	386501	384557	386764	385940	0.31	cps
Terbium	159-1	11683706	11342682	11477641	11501343	1.49	cps
Terbium	159-2	2116980	2232008	2206581	2185190	2.77	cps
Thallium	203-1	392	383	292	356	15.61	cps
Thallium	205-1	867	958	975	933	6.25	cps
Tin	118-1	767	808	742	772	4.36	cps
Titanium	47-1	500	567	517	528	6.57	cps
Uranium	238-1	275	325	350	317	12.06	cps
Vanadium	51-2	53	30	57	47	31.14	cps
Yttrium	89-1	9131960	9033648	9159175	9108261	0.72	cps
Yttrium	89-2	251139	266008	268988	262045	3.65	cps
Zinc	66-2	40854	40917	40683	40818	0.30	cps
Zirconium	90-1	1375	1408	1500	1428	4.53	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-01	Instrumnet Name :	P8
Client Sample ID :	XADP-37-FL2-KI-W2-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:37:38	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	250	333	300	14.70	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-02	Instrumnet Name :	P8
Client Sample ID :	XADP-38-FL2-KI-W2-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:40:44	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	117	108	100	22.04	cps
Antimony	121-1	475	533	417	475	12.28	cps
Arsenic	75-2	30	41	24	31	26.96	cps
Barium	135-1	24816	23764	24064	24215	2.24	cps
Barium	137-1	41449	42327	42285	42020	1.18	cps
Beryllium	9-1	100	111	83	98	14.24	cps
Bismuth	209-1	6991752	7076185	7082120	7050019	0.72	cps
Bismuth	209-2	1831694	1829951	1824842	1828829	0.19	cps
Boron	10-1	1083	917	1092	1031	9.58	cps
Boron	11-1	4984	5093	5535	5204	5.60	cps
Cadmium	111-1	1120	1194	1189	1168	3.55	cps
Cadmium	106-1	1567	1667	1684	1639	3.85	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	119320	119490	119564	119458	0.10	cps
Calcium	44-1	2017671	1993666	1970436	1993924	1.18	cps
Chromium	52-2	543	467	463	491	9.22	cps
Cobalt	59-2	67	67	40	58	26.65	cps
Copper	63-2	274741	273189	274720	274217	0.32	cps
Dysprosium	156-1	33	58	50	47	26.97	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	83	75	42	67	33.07	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	92	67	75	78	16.37	cps
Gadolinium	160-2	13	33	3	17	91.67	cps
Holmium	165-1	11017460	10856709	10933556	10935908	0.74	cps
Holmium	165-2	2293458	2255095	2264992	2271181	0.88	cps
Indium	115-1	8816129	8819871	8731561	8789187	0.57	cps
Indium	115-2	366697	359410	362023	362710	1.02	cps
Iron	56-2	11959	10921	11511	11464	4.54	cps
Iron	57-2	217	372	283	291	26.84	cps
Lead	206-1	1889	2106	1939	1978	5.74	cps
Lead	207-1	1689	1767	1633	1696	3.95	cps
Lead	208-1	7634	8135	7896	7888	3.17	cps
Lithium	6-1	1276531	1258174	1261145	1265283	0.78	cps
Magnesium	24-2	32062	31536	31093	31564	1.54	cps
Manganese	55-2	2667	2447	2417	2510	5.44	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-02 Instrumnet Name : P8
 Client Sample ID : XADP-38-FL2-KI-W2-F1- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:40:44 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	567	450	467	19.89	cps
Molybdenum	95-1	183	233	233	217	13.33	cps
Molybdenum	96-1	283	300	317	300	5.55	cps
Molybdenum	97-1	183	133	117	144	24.02	cps
Molybdenum	98-1	392	392	325	369	10.42	cps
Neodymium	150-1	27	27	7	20	57.73	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	217	170	227	204	14.79	cps
Phosphorus	31-2	200	225	250	225	11.11	cps
Potassium	39-2	10037	10196	10079	10104	0.81	cps
Rhodium	103-1	8123889	8113720	7985607	8074405	0.95	cps
Rhodium	103-2	2080288	2071867	2089237	2080464	0.42	cps
Scandium	45-1	4950367	4975288	4963619	4963091	0.25	cps
Scandium	45-2	37834	37741	37346	37640	0.69	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-2	33	10	14	128.62	cps
Silicon	28-1	3441281	3461414	3448104	3450266	0.30	cps
Silver	109-1	133	183	208	175	21.82	cps
Silver	107-1	225	167	158	183	19.81	cps
Sodium	23-2	661941	656574	656657	658391	0.47	cps
Strontium	86-1	46497	45911	46096	46168	0.65	cps
Strontium	88-1	400686	396254	397391	398110	0.58	cps
Sulfur	34-1	381693	382472	377885	380683	0.64	cps
Terbium	159-1	11351812	11273387	11293467	11306222	0.36	cps
Terbium	159-2	2233123	2210077	2198552	2213917	0.80	cps
Thallium	203-1	300	425	283	336	23.04	cps
Thallium	205-1	742	550	708	667	15.36	cps
Tin	118-1	750	733	817	767	5.75	cps
Titanium	47-1	375	300	458	378	20.96	cps
Uranium	238-1	150	192	142	161	16.63	cps
Vanadium	51-2	50	50	37	46	16.89	cps
Yttrium	89-1	9072190	9051274	9047504	9056989	0.15	cps
Yttrium	89-2	265908	263923	264494	264775	0.39	cps
Zinc	66-2	6088	6545	6148	6260	3.97	cps
Zirconium	90-1	825	883	875	861	3.66	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-02	Instrumnet Name :	P8
Client Sample ID :	XADP-38-FL2-KI-W2-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:40:44	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	158	217	208	22.27	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-03	Instrumnet Name :	P8
Client Sample ID :	XADP-39-FL2-BRC-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:43:52	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	33	50	50	33.34	cps
Antimony	121-1	533	758	492	594	24.13	cps
Arsenic	75-2	26	43	37	35	24.11	cps
Barium	135-1	27204	28607	29250	28353	3.69	cps
Barium	137-1	49193	49151	48348	48897	0.97	cps
Beryllium	9-1	89	44	106	80	39.67	cps
Bismuth	209-1	7057594	7135986	6286892	6826824	6.87	cps
Bismuth	209-2	1862544	1854501	1848258	1855101	0.39	cps
Boron	10-1	1025	875	967	956	7.91	cps
Boron	11-1	4568	4951	4609	4709	4.47	cps
Cadmium	111-1	1073	1266	1147	1162	8.38	cps
Cadmium	106-1	1492	1784	1558	1611	9.49	cps
Cadmium	108-1	42	46	33	40	15.80	cps
Calcium	43-1	118077	115583	116978	116879	1.07	cps
Calcium	44-1	1929736	1912994	1945886	1929539	0.85	cps
Chromium	52-2	403	397	417	406	2.51	cps
Cobalt	59-2	30	47	50	42	25.38	cps
Copper	63-2	355303	352261	351682	353082	0.55	cps
Dysprosium	156-1	0	33	33	22	86.60	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	3	17	7	9	78.08	cps
Gadolinium	160-1	75	75	117	89	27.07	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	11075145	10927945	9722593	10575228	7.02	cps
Holmium	165-2	2286873	2285219	2299334	2290475	0.34	cps
Indium	115-1	8855689	8747537	7722564	8441930	7.41	cps
Indium	115-2	369778	368117	367239	368378	0.35	cps
Iron	56-2	7992	7614	7408	7671	3.86	cps
Iron	57-2	228	200	233	220	8.10	cps
Lead	206-1	4334	4695	4573	4534	4.05	cps
Lead	207-1	3656	4123	3690	3823	6.81	cps
Lead	208-1	17644	18445	17739	17943	2.44	cps
Lithium	6-1	1268554	1273717	1123822	1222031	6.96	cps
Magnesium	24-2	32129	30960	31461	31516	1.86	cps
Manganese	55-2	1163	1193	1117	1158	3.34	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-03	Instrumnet Name :	P8
Client Sample ID :	XADP-39-FL2-BRC-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:43:52	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	575	408	367	450	24.50	cps
Molybdenum	95-1	208	250	242	233	9.45	cps
Molybdenum	96-1	208	250	267	242	12.43	cps
Molybdenum	97-1	200	225	142	189	22.64	cps
Molybdenum	98-1	300	350	275	308	12.39	cps
Neodymium	150-1	33	33	40	36	10.83	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1583	1570	1610	1588	1.28	cps
Phosphorus	31-2	242	317	133	231	39.98	cps
Potassium	39-2	9779	9771	10213	9921	2.55	cps
Rhodium	103-1	8105868	8000886	7160773	7755842	6.68	cps
Rhodium	103-2	2134443	2105381	2111780	2117201	0.72	cps
Scandium	45-1	5017862	5009870	4379417	4802383	7.63	cps
Scandium	45-2	38830	38994	39041	38955	0.28	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	-29	4	-50	-25	-109.36	cps
Silicon	28-1	3430359	3420683	3379207	3410083	0.80	cps
Silver	109-1	200	233	250	228	11.18	cps
Silver	107-1	267	267	233	256	7.53	cps
Sodium	23-2	681763	675969	674324	677352	0.58	cps
Strontium	86-1	46614	45920	45904	46146	0.88	cps
Strontium	88-1	390791	390937	392624	391451	0.26	cps
Sulfur	34-1	375658	376448	378176	376760	0.34	cps
Terbium	159-1	11453644	11322579	10074266	10950163	6.95	cps
Terbium	159-2	2242976	2259438	2233641	2245352	0.58	cps
Thallium	203-1	292	242	250	261	10.26	cps
Thallium	205-1	683	683	650	672	2.86	cps
Tin	118-1	692	708	583	661	10.27	cps
Titanium	47-1	292	367	367	342	12.67	cps
Uranium	238-1	125	208	117	150	33.79	cps
Vanadium	51-2	50	53	37	47	18.89	cps
Yttrium	89-1	9049340	9055648	7908656	8671215	7.62	cps
Yttrium	89-2	271003	270672	271523	271066	0.16	cps
Zinc	66-2	76835	77676	77807	77439	0.68	cps
Zirconium	90-1	958	683	767	803	17.57	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-03	Instrumnet Name :	P8
Client Sample ID :	XADP-39-FL2-BRC-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:43:52	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	175	225	181	23.23	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-04 Instrumnet Name : P8
 Client Sample ID : XADP-40-FL2-BRC-W3-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:46:59 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	67	44	43.30	cps
Antimony	121-1	558	442	575	525	13.84	cps
Arsenic	75-2	28	41	24	31	28.36	cps
Barium	135-1	26995	27179	27004	27059	0.38	cps
Barium	137-1	47520	46667	46725	46970	1.01	cps
Beryllium	9-1	50	67	56	57	14.78	cps
Bismuth	209-1	7123541	7036321	7008751	7056204	0.85	cps
Bismuth	209-2	1851742	1837865	1826449	1838685	0.69	cps
Boron	10-1	1083	1017	917	1006	8.34	cps
Boron	11-1	4384	4718	4259	4454	5.32	cps
Cadmium	111-1	1118	1277	1132	1176	7.48	cps
Cadmium	106-1	1567	1792	1617	1659	7.12	cps
Cadmium	108-1	17	21	29	22	28.64	cps
Calcium	43-1	115902	115834	115269	115668	0.30	cps
Calcium	44-1	1946643	1936778	1940625	1941349	0.26	cps
Chromium	52-2	487	450	427	454	6.66	cps
Cobalt	59-2	47	53	27	42	32.86	cps
Copper	63-2	421814	418658	415432	418634	0.76	cps
Dysprosium	156-1	58	8	33	33	75.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	58	92	72	24.02	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	25	75	100	67	57.29	cps
Gadolinium	160-2	3	17	17	12	63.01	cps
Holmium	165-1	11105053	10996553	11002495	11034700	0.55	cps
Holmium	165-2	2290904	2291122	2254613	2278880	0.92	cps
Indium	115-1	8837119	8742143	8804747	8794670	0.55	cps
Indium	115-2	364226	360933	360831	361997	0.53	cps
Iron	56-2	6803	7047	6663	6837	2.84	cps
Iron	57-2	144	194	217	185	19.97	cps
Lead	206-1	2039	1861	1861	1921	5.35	cps
Lead	207-1	1622	1467	1656	1582	6.38	cps
Lead	208-1	7529	7351	7640	7507	1.94	cps
Lithium	6-1	1272614	1285602	1273071	1277096	0.58	cps
Magnesium	24-2	30408	30534	31127	30690	1.25	cps
Manganese	55-2	1223	1277	1100	1200	7.55	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-04 Instrumnet Name : P8
 Client Sample ID : XADP-40-FL2-BRC-W3-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:46:59 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400	383	350	378	6.74	cps
Molybdenum	95-1	167	158	183	169	7.51	cps
Molybdenum	96-1	350	275	308	311	12.08	cps
Molybdenum	97-1	125	175	167	156	17.22	cps
Molybdenum	98-1	250	375	358	328	20.71	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	913	917	910	913	0.37	cps
Phosphorus	31-2	275	192	158	208	28.85	cps
Potassium	39-2	10121	9437	9362	9640	4.34	cps
Rhodium	103-1	8180135	8015781	8026127	8074014	1.14	cps
Rhodium	103-2	2085151	2111481	2099475	2098702	0.63	cps
Scandium	45-1	4945209	4915964	5002541	4954571	0.89	cps
Scandium	45-2	38449	37604	38031	38028	1.11	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	31	21	-60	-2	-2121.18	cps
Silicon	28-1	3372738	3335864	3320308	3342970	0.81	cps
Silver	109-1	250	250	292	264	9.12	cps
Silver	107-1	308	308	292	303	3.18	cps
Sodium	23-2	680752	672480	660306	671179	1.53	cps
Strontium	86-1	45627	46070	44691	45463	1.55	cps
Strontium	88-1	399120	392935	387929	393328	1.43	cps
Sulfur	34-1	381924	380210	377901	380012	0.53	cps
Terbium	159-1	11393554	11300110	11271488	11321717	0.56	cps
Terbium	159-2	2237453	2215418	2220445	2224439	0.52	cps
Thallium	203-1	325	183	333	281	30.05	cps
Thallium	205-1	633	733	675	681	7.38	cps
Tin	118-1	742	650	608	667	10.23	cps
Titanium	47-1	342	392	408	381	9.12	cps
Uranium	238-1	133	158	125	139	12.49	cps
Vanadium	51-2	60	30	53	48	32.97	cps
Yttrium	89-1	9010232	8959377	9008846	8992818	0.32	cps
Yttrium	89-2	268656	265659	264846	266387	0.75	cps
Zinc	66-2	42870	42605	42147	42541	0.86	cps
Zirconium	90-1	750	675	808	745	8.98	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-04	Instrumnet Name :	P8
Client Sample ID :	XADP-40-FL2-BRC-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:46:59	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	158	183	156	18.81	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-05	Instrumnet Name :	P8
Client Sample ID :	XADP-41-FL3-C213-BR-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:50:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	67	50	64	19.92	cps
Antimony	121-1	392	500	433	442	12.37	cps
Arsenic	75-2	39	17	22	26	44.60	cps
Barium	135-1	24148	24599	22386	23711	4.93	cps
Barium	137-1	43372	43715	38683	41923	6.71	cps
Beryllium	9-1	78	50	78	69	23.41	cps
Bismuth	209-1	6900365	6030022	6301268	6410552	6.95	cps
Bismuth	209-2	1618354	1732594	1660150	1670366	3.46	cps
Boron	10-1	942	817	850	870	7.45	cps
Boron	11-1	4267	4234	4618	4373	4.86	cps
Cadmium	111-1	1197	808	1030	1011	19.31	cps
Cadmium	106-1	1709	1142	1475	1442	19.76	cps
Cadmium	108-1	17	42	33	31	41.66	cps
Calcium	43-1	117328	115859	108511	113899	4.15	cps
Calcium	44-1	1974318	1964103	1808913	1915778	4.84	cps
Chromium	52-2	423	500	447	457	8.61	cps
Cobalt	59-2	63	73	70	69	7.39	cps
Copper	63-2	226651	234653	230814	230706	1.73	cps
Dysprosium	156-1	25	50	25	33	43.30	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	42	50	50	16.67	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	83	67	83	78	12.37	cps
Gadolinium	160-2	3	10	17	10	66.70	cps
Holmium	165-1	10575077	9259059	9550466	9794867	7.06	cps
Holmium	165-2	2110907	2179430	2117515	2135951	1.77	cps
Indium	115-1	8483870	7415448	7676643	7858654	7.09	cps
Indium	115-2	333413	349870	340011	341098	2.43	cps
Iron	56-2	7124	7580	7586	7430	3.56	cps
Iron	57-2	194	200	211	202	4.20	cps
Lead	206-1	2839	2700	2456	2665	7.28	cps
Lead	207-1	2234	2361	2139	2245	4.97	cps
Lead	208-1	10546	10958	9957	10487	4.79	cps
Lithium	6-1	1233016	1105705	1117580	1152101	6.10	cps
Magnesium	24-2	29640	29598	30133	29790	1.00	cps
Manganese	55-2	1887	2074	2054	2005	5.11	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-05	Instrumnet Name :	P8
Client Sample ID :	XADP-41-FL3-C213-BR-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:50:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	417	383	350	25.20	cps
Molybdenum	95-1	167	200	200	189	10.19	cps
Molybdenum	96-1	233	283	342	286	18.95	cps
Molybdenum	97-1	142	217	150	169	24.26	cps
Molybdenum	98-1	317	292	217	275	18.92	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	5575	5928	5678	5727	3.17	cps
Phosphorus	31-2	150	225	192	189	19.89	cps
Potassium	39-2	9737	9153	9220	9370	3.41	cps
Rhodium	103-1	7878371	6872076	6992400	7247616	7.58	cps
Rhodium	103-2	1939053	2018723	1990347	1982708	2.04	cps
Scandium	45-1	4821190	4222901	4403997	4482696	6.84	cps
Scandium	45-2	34476	36872	36136	35828	3.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-45	39	-37	-14	-327.98	cps
Silicon	28-1	3331826	3369649	3137491	3279655	3.80	cps
Silver	109-1	92	100	83	92	9.09	cps
Silver	107-1	192	158	175	175	9.53	cps
Sodium	23-2	617318	638884	631512	629238	1.74	cps
Strontium	86-1	47041	46246	43161	45483	4.51	cps
Strontium	88-1	404730	396830	364598	388719	5.47	cps
Sulfur	34-1	379432	376728	367547	374569	1.66	cps
Terbium	159-1	11030497	9724287	9924233	10226339	6.88	cps
Terbium	159-2	2050953	2123778	2086287	2087006	1.74	cps
Thallium	203-1	325	342	200	289	26.80	cps
Thallium	205-1	575	625	650	617	6.19	cps
Tin	118-1	1625	1767	1367	1586	12.79	cps
Titanium	47-1	467	458	325	417	19.08	cps
Uranium	238-1	242	167	250	219	20.92	cps
Vanadium	51-2	33	30	37	33	10.01	cps
Yttrium	89-1	8725794	7614706	7911194	8083898	7.12	cps
Yttrium	89-2	246003	254682	248968	249884	1.77	cps
Zinc	66-2	44943	46779	46561	46094	2.18	cps
Zirconium	90-1	758	758	608	708	12.23	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-05	Instrumnet Name :	P8
Client Sample ID :	XADP-41-FL3-C213-BR-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:50:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	125	175	183	34.32	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-06	Instrumnet Name :	P8
Client Sample ID :	XADP-42-FL3-C213-BR-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:53:14	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	42	44	10.82	cps
Antimony	121-1	475	400	550	475	15.79	cps
Arsenic	75-2	61	28	31	40	45.53	cps
Barium	135-1	21777	24114	25467	23786	7.85	cps
Barium	137-1	39285	41592	41842	40906	3.45	cps
Beryllium	9-1	72	39	61	57	29.56	cps
Bismuth	209-1	6331731	6629903	6840166	6600600	3.87	cps
Bismuth	209-2	1785278	1748350	1734931	1756187	1.48	cps
Boron	10-1	642	842	992	825	21.28	cps
Boron	11-1	3659	3959	3684	3767	4.42	cps
Cadmium	111-1	945	1054	1016	1005	5.53	cps
Cadmium	106-1	1342	1467	1425	1411	4.51	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	106486	113390	115018	111631	4.06	cps
Calcium	44-1	1774182	1916195	1912424	1867600	4.33	cps
Chromium	52-2	437	510	457	468	8.10	cps
Cobalt	59-2	40	63	40	48	28.19	cps
Copper	63-2	248545	247117	247672	247778	0.29	cps
Dysprosium	156-1	8	42	25	25	66.68	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	17	33	50	33	50.00	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	33	67	58	53	32.88	cps
Gadolinium	160-2	27	13	7	16	65.47	cps
Holmium	165-1	9782288	10340770	10599098	10240719	4.08	cps
Holmium	165-2	2207677	2177392	2192648	2192572	0.69	cps
Indium	115-1	7760907	8218504	8546994	8175469	4.83	cps
Indium	115-2	354753	348256	348157	350388	1.08	cps
Iron	56-2	8631	8798	8092	8507	4.34	cps
Iron	57-2	256	200	233	230	12.18	cps
Lead	206-1	6168	5524	6102	5931	5.98	cps
Lead	207-1	4890	5485	5418	5264	6.19	cps
Lead	208-1	22948	23554	24193	23565	2.64	cps
Lithium	6-1	1147406	1210866	1219129	1192467	3.29	cps
Magnesium	24-2	30985	30742	30509	30745	0.77	cps
Manganese	55-2	2100	1990	2090	2060	2.95	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-06	Instrumnet Name :	P8
Client Sample ID :	XADP-42-FL3-C213-BR-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:53:14	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	308	350	344	9.78	cps
Molybdenum	95-1	250	217	225	231	7.52	cps
Molybdenum	96-1	200	275	258	244	16.11	cps
Molybdenum	97-1	92	175	167	144	31.78	cps
Molybdenum	98-1	242	283	258	261	8.03	cps
Neodymium	150-1	27	33	27	29	13.31	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	3370	3324	3254	3316	1.77	cps
Phosphorus	31-2	208	200	317	242	26.93	cps
Potassium	39-2	9929	9145	9687	9587	4.19	cps
Rhodium	103-1	7094826	7638607	7778355	7503929	4.81	cps
Rhodium	103-2	2066928	2032978	2009655	2036520	1.41	cps
Scandium	45-1	4378523	4633549	4725676	4579249	3.93	cps
Scandium	45-2	37286	36945	37259	37164	0.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-20	40	-38	-6	-709.12	cps
Silicon	28-1	3091822	3240452	3403285	3245186	4.80	cps
Silver	109-1	75	208	108	131	53.15	cps
Silver	107-1	208	200	192	200	4.17	cps
Sodium	23-2	651650	647274	650795	649906	0.36	cps
Strontium	86-1	42459	45243	47049	44917	5.15	cps
Strontium	88-1	370723	390886	399352	386987	3.80	cps
Sulfur	34-1	358792	369201	374241	367411	2.14	cps
Terbium	159-1	10152059	10632885	10943477	10576140	3.77	cps
Terbium	159-2	2211945	2128096	2119955	2153332	2.36	cps
Thallium	203-1	308	283	208	267	19.51	cps
Thallium	205-1	558	633	533	575	9.05	cps
Tin	118-1	1000	983	917	967	4.56	cps
Titanium	47-1	400	417	667	494	30.22	cps
Uranium	238-1	142	192	233	189	24.30	cps
Vanadium	51-2	13	67	27	36	78.07	cps
Yttrium	89-1	7935304	8495335	8685826	8372155	4.66	cps
Yttrium	89-2	261329	255706	255939	257658	1.23	cps
Zinc	66-2	9086	8813	9013	8971	1.58	cps
Zirconium	90-1	742	608	683	678	9.86	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-06	Instrumnet Name :	P8
Client Sample ID :	XADP-42-FL3-C213-BR-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:53:14	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	125	192	142	31.13	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-07 Instrumnet Name : P8
 Client Sample ID : XADP-43-FL3-KI-W3-F1- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 15:56:21 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	75	56	31.22	cps
Antimony	121-1	517	467	400	461	12.69	cps
Arsenic	75-2	41	35	20	32	32.81	cps
Barium	135-1	25158	24983	23622	24588	3.42	cps
Barium	137-1	43405	42887	43088	43127	0.61	cps
Beryllium	9-1	72	72	78	74	4.33	cps
Bismuth	209-1	6878390	6826234	6888529	6864384	0.49	cps
Bismuth	209-2	1814894	1777269	1764832	1785665	1.46	cps
Boron	10-1	975	925	975	958	3.01	cps
Boron	11-1	4668	4684	4759	4704	1.04	cps
Cadmium	111-1	1252	1171	1302	1242	5.32	cps
Cadmium	106-1	1675	1550	1717	1647	5.27	cps
Cadmium	108-1	42	50	42	44	10.82	cps
Calcium	43-1	113280	115614	114281	114392	1.02	cps
Calcium	44-1	1936403	1946482	1917421	1933435	0.76	cps
Chromium	52-2	453	403	453	437	6.61	cps
Cobalt	59-2	63	67	47	59	18.19	cps
Copper	63-2	1198661	1200551	1202866	1200693	0.18	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	25	58	67	50	44.10	cps
Erbium	164-2	0	13	20	11	91.66	cps
Gadolinium	160-1	58	50	33	47	26.97	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	10652200	10579296	10592008	10607834	0.37	cps
Holmium	165-2	2246246	2207975	2222965	2225729	0.87	cps
Indium	115-1	8538491	8544221	8460245	8514319	0.55	cps
Indium	115-2	355298	354856	356152	355435	0.19	cps
Iron	56-2	9926	10261	9665	9951	3.00	cps
Iron	57-2	261	244	256	254	3.35	cps
Lead	206-1	12279	12367	11945	12197	1.83	cps
Lead	207-1	9798	10249	9860	9969	2.45	cps
Lead	208-1	47186	47758	47035	47327	0.81	cps
Lithium	6-1	1241000	1220680	1220176	1227285	0.97	cps
Magnesium	24-2	34818	36297	34576	35231	2.64	cps
Manganese	55-2	2694	2790	2587	2690	3.78	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-07	Instrumnet Name :	P8
Client Sample ID :	XADP-43-FL3-KI-W3-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:56:21	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	350	367	350	4.76	cps
Molybdenum	95-1	233	183	283	233	21.43	cps
Molybdenum	96-1	325	250	292	289	13.01	cps
Molybdenum	97-1	125	150	133	136	9.35	cps
Molybdenum	98-1	450	392	333	392	14.89	cps
Neodymium	150-1	33	20	7	20	66.65	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	447	387	443	426	7.92	cps
Phosphorus	31-2	292	275	267	278	4.58	cps
Potassium	39-2	9779	9837	9937	9851	0.81	cps
Rhodium	103-1	7914726	7772787	7781679	7823064	1.02	cps
Rhodium	103-2	2051951	2044001	2028259	2041403	0.59	cps
Scandium	45-1	4880157	4822620	4797154	4833310	0.88	cps
Scandium	45-2	38329	37136	37303	37589	1.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	9	-35	27	0	27414.42	cps
Silicon	28-1	3292248	3277710	3306638	3292199	0.44	cps
Silver	109-1	158	150	158	156	3.09	cps
Silver	107-1	200	125	242	189	31.30	cps
Sodium	23-2	653160	656355	656967	655494	0.31	cps
Strontium	86-1	45243	46698	44181	45374	2.79	cps
Strontium	88-1	394875	395894	391030	393933	0.65	cps
Sulfur	34-1	373648	371844	367617	371036	0.83	cps
Terbium	159-1	11094732	10838295	10943106	10958711	1.18	cps
Terbium	159-2	2165849	2171033	2179723	2172201	0.32	cps
Thallium	203-1	208	250	275	244	13.78	cps
Thallium	205-1	442	567	458	489	13.88	cps
Tin	118-1	700	750	558	669	14.85	cps
Titanium	47-1	342	308	533	394	30.78	cps
Uranium	238-1	217	225	300	247	18.57	cps
Vanadium	51-2	43	30	23	32	31.61	cps
Yttrium	89-1	8749112	8717064	8655780	8707319	0.54	cps
Yttrium	89-2	257126	259058	258882	258355	0.41	cps
Zinc	66-2	62614	62624	63870	63036	1.15	cps
Zirconium	90-1	758	758	775	764	1.26	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-07	Instrumnet Name :	P8
Client Sample ID :	XADP-43-FL3-KI-W3-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:56:21	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	167	192	178	7.16	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:59:28	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	8	0	17	132.30	cps
Antimony	121-1	92	117	100	103	12.39	cps
Arsenic	75-2	2	2	0	1	86.60	cps
Barium	135-1	25	17	42	28	45.82	cps
Barium	137-1	42	108	58	69	49.96	cps
Beryllium	9-1	78	67	61	69	12.39	cps
Bismuth	209-1	6593119	6291118	6655999	6513412	2.99	cps
Bismuth	209-2	1702213	1660789	1724190	1695731	1.90	cps
Boron	10-1	383	375	392	383	2.18	cps
Boron	11-1	1575	1709	1692	1659	4.38	cps
Cadmium	111-1	938	953	997	963	3.16	cps
Cadmium	106-1	1325	1358	1408	1364	3.08	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Calcium	43-1	1183	1517	1358	1353	12.33	cps
Calcium	44-1	16927	17278	16736	16980	1.62	cps
Chromium	52-2	420	393	410	408	3.30	cps
Cobalt	59-2	37	43	33	38	13.48	cps
Copper	63-2	187	123	110	140	29.26	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	58	33	83	58	42.86	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	50	8	83	47	79.58	cps
Gadolinium	160-2	3	13	10	9	57.30	cps
Holmium	165-1	10209684	9778047	10078322	10022017	2.21	cps
Holmium	165-2	2139049	2123652	2095193	2119298	1.05	cps
Indium	115-1	8312401	7868338	8105210	8095316	2.74	cps
Indium	115-2	344846	337626	342575	341682	1.08	cps
Iron	56-2	961	1033	983	993	3.73	cps
Iron	57-2	22	33	33	30	21.66	cps
Lead	206-1	2667380	2674728	2704489	2682199	0.73	cps
Lead	207-1	2463981	2454702	2498956	2472547	0.94	cps
Lead	208-1	10968368	10977917	11053718	11000001	0.43	cps
Lithium	6-1	1168224	1139382	1195123	1167576	2.39	cps
Magnesium	24-2	150	75	125	117	32.74	cps
Manganese	55-2	27	13	13	18	43.33	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:59:28	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	108	258	267	211	42.21	cps
Molybdenum	95-1	75	58	42	58	28.57	cps
Molybdenum	96-1	67	133	117	106	32.87	cps
Molybdenum	97-1	108	75	125	103	24.77	cps
Molybdenum	98-1	67	58	117	81	39.16	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	77	83	87	13.86	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2417	2100	2500	2339	9.02	cps
Rhodium	103-1	7582881	7242810	7549954	7458548	2.51	cps
Rhodium	103-2	2016764	1962355	1990507	1989875	1.37	cps
Scandium	45-1	4596107	4431438	4608261	4545269	2.17	cps
Scandium	45-2	35378	35819	35779	35659	0.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	-46	-22	28	-13	-284.29	cps
Silicon	28-1	357177	356492	354653	356108	0.37	cps
Silver	109-1	100	92	83	92	9.09	cps
Silver	107-1	167	150	175	164	7.77	cps
Sodium	23-2	7577	7794	8061	7811	3.10	cps
Strontium	86-1	433	558	417	469	16.49	cps
Strontium	88-1	175	117	100	131	30.17	cps
Sulfur	34-1	347639	349920	348307	348622	0.34	cps
Terbium	159-1	10568498	10126055	10525980	10406844	2.35	cps
Terbium	159-2	2082453	2074178	2060872	2072501	0.53	cps
Thallium	203-1	267	292	225	261	12.90	cps
Thallium	205-1	583	592	608	594	2.14	cps
Tin	118-1	408	567	550	508	17.12	cps
Titanium	47-1	150	125	192	156	21.65	cps
Uranium	238-1	25	92	100	72	56.92	cps
Vanadium	51-2	13	7	7	9	43.25	cps
Yttrium	89-1	8366351	7993356	8329333	8229680	2.50	cps
Yttrium	89-2	251452	248470	251696	250539	0.72	cps
Zinc	66-2	27	37	57	40	38.18	cps
Zirconium	90-1	558	458	500	506	9.94	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 15:59:28	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	125	133	133	6.25	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:02:36	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	25	28	45.82	cps
Antimony	121-1	67	150	75	97	47.21	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	33	25	17	25	33.34	cps
Barium	137-1	25	25	17	22	21.64	cps
Beryllium	9-1	83	61	89	78	18.90	cps
Bismuth	209-1	6686777	6658727	6383465	6576323	2.55	cps
Bismuth	209-2	1657677	1727306	1708849	1697944	2.12	cps
Boron	10-1	283	317	300	300	5.55	cps
Boron	11-1	1567	1192	1475	1411	13.85	cps
Cadmium	111-1	1187	1025	978	1063	10.30	cps
Cadmium	106-1	1700	1475	1392	1522	10.48	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	1508	1383	1092	1328	16.10	cps
Calcium	44-1	16861	17420	16852	17044	1.91	cps
Chromium	52-2	553	600	607	587	4.95	cps
Cobalt	59-2	40	30	30	33	17.32	cps
Copper	63-2	167	133	173	158	13.58	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	50	83	17	50	66.67	cps
Gadolinium	160-2	3	17	13	11	62.48	cps
Holmium	165-1	10252216	10180240	9757648	10063368	2.66	cps
Holmium	165-2	2125763	2146482	2163222	2145156	0.87	cps
Indium	115-1	8232563	8253615	7873766	8119981	2.63	cps
Indium	115-2	343266	344781	341773	343273	0.44	cps
Iron	56-2	828	1022	1095	982	14.05	cps
Iron	57-2	56	33	17	35	55.45	cps
Lead	206-1	878	978	811	889	9.44	cps
Lead	207-1	878	861	845	861	1.94	cps
Lead	208-1	3756	3878	3517	3717	4.94	cps
Lithium	6-1	1200021	1220501	1169044	1196522	2.17	cps
Magnesium	24-2	100	83	58	81	26.03	cps
Manganese	55-2	10	23	13	16	44.60	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:02:36	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	150	183	189	22.20	cps
Molybdenum	95-1	58	33	58	50	28.88	cps
Molybdenum	96-1	75	92	67	78	16.37	cps
Molybdenum	97-1	67	58	42	56	22.91	cps
Molybdenum	98-1	58	75	50	61	20.83	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	90	60	66	33.85	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	2059	1909	2434	2134	12.68	cps
Rhodium	103-1	7611404	7634110	7353608	7533041	2.07	cps
Rhodium	103-2	1997678	1975978	1981096	1984918	0.57	cps
Scandium	45-1	4649644	4640698	4463432	4584591	2.29	cps
Scandium	45-2	36721	35111	36330	36054	2.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-80	9	-33	-35	-128.44	cps
Silicon	28-1	356897	349644	349353	351965	1.21	cps
Silver	109-1	67	92	100	86	20.15	cps
Silver	107-1	83	100	100	94	10.19	cps
Sodium	23-2	7819	8094	7719	7878	2.47	cps
Strontium	86-1	508	558	325	464	26.48	cps
Strontium	88-1	133	158	142	144	8.81	cps
Sulfur	34-1	353780	355752	355883	355138	0.33	cps
Terbium	159-1	10653642	10615105	10172783	10480510	2.55	cps
Terbium	159-2	2116615	2089573	2081591	2095926	0.88	cps
Thallium	203-1	267	117	250	211	38.94	cps
Thallium	205-1	467	442	392	433	8.81	cps
Tin	118-1	667	733	592	664	10.68	cps
Titanium	47-1	125	133	108	122	10.41	cps
Uranium	238-1	58	83	92	78	22.30	cps
Vanadium	51-2	7	10	0	6	91.64	cps
Yttrium	89-1	8382668	8425946	8042775	8283797	2.53	cps
Yttrium	89-2	249977	250663	250504	250381	0.14	cps
Zinc	66-2	127	127	143	132	7.28	cps
Zirconium	90-1	542	575	450	522	12.39	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:02:36	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	92	125	111	15.61	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-08 Instrumnet Name : P8
 Client Sample ID : XADP-44-FL3-KI-W3-F1- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:05:45 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	125	125	133	10.82	cps
Antimony	121-1	617	625	558	600	6.05	cps
Arsenic	75-2	20	24	41	28	38.22	cps
Barium	135-1	25175	25826	26193	25731	2.01	cps
Barium	137-1	44409	44902	44217	44509	0.79	cps
Beryllium	9-1	44	83	33	54	48.89	cps
Bismuth	209-1	6942827	6504659	6902250	6783245	3.57	cps
Bismuth	209-2	1825359	1817576	1778394	1807110	1.39	cps
Boron	10-1	2275	2242	2284	2267	0.97	cps
Boron	11-1	9120	9720	10221	9687	5.69	cps
Cadmium	111-1	1144	1134	1080	1119	3.09	cps
Cadmium	106-1	1533	1575	1550	1553	1.35	cps
Cadmium	108-1	13	8	38	19	81.14	cps
Calcium	43-1	120472	117798	118698	118989	1.14	cps
Calcium	44-1	1993224	1993675	2009295	1998731	0.46	cps
Chromium	52-2	503	457	457	472	5.71	cps
Cobalt	59-2	37	47	43	42	12.06	cps
Copper	63-2	196940	195339	193625	195301	0.85	cps
Dysprosium	156-1	17	42	42	33	43.30	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	58	58	17	44	54.12	cps
Erbium	164-2	20	7	20	16	49.47	cps
Gadolinium	160-1	75	133	75	94	35.66	cps
Gadolinium	160-2	17	7	17	13	43.29	cps
Holmium	165-1	10775146	9995798	10777222	10516055	4.28	cps
Holmium	165-2	2277025	2248286	2235124	2253478	0.95	cps
Indium	115-1	8732249	7934216	8616000	8427488	5.12	cps
Indium	115-2	357722	356369	356715	356935	0.20	cps
Iron	56-2	9648	8503	8998	9050	6.35	cps
Iron	57-2	261	211	183	219	18.04	cps
Lead	206-1	2417	2345	2656	2473	6.59	cps
Lead	207-1	2223	2145	2106	2158	2.75	cps
Lead	208-1	10074	9613	9974	9887	2.45	cps
Lithium	6-1	1263455	1161762	1241684	1222300	4.38	cps
Magnesium	24-2	69822	68533	68047	68800	1.33	cps
Manganese	55-2	2164	2014	2297	2158	6.57	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-08 Instrumnet Name : P8
 Client Sample ID : XADP-44-FL3-KI-W3-F1- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:05:45 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	592	658	633	628	5.37	cps
Molybdenum	95-1	625	650	633	636	2.00	cps
Molybdenum	96-1	708	700	892	767	14.13	cps
Molybdenum	97-1	483	400	383	422	12.69	cps
Molybdenum	98-1	1050	1025	1150	1075	6.15	cps
Neodymium	150-1	60	53	80	64	21.53	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	183	207	217	202	8.46	cps
Phosphorus	31-2	192	258	233	228	14.79	cps
Potassium	39-2	10271	9862	9612	9915	3.35	cps
Rhodium	103-1	7997718	7363258	7924573	7761849	4.47	cps
Rhodium	103-2	2105653	2049145	2050796	2068531	1.55	cps
Scandium	45-1	4926969	4530136	4906278	4787794	4.67	cps
Scandium	45-2	37985	37681	37416	37694	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-12	-21	-4	-12	-66.26	cps
Silicon	28-1	3392306	3404122	3332415	3376281	1.14	cps
Silver	109-1	125	108	167	133	22.53	cps
Silver	107-1	192	42	108	114	65.99	cps
Sodium	23-2	667208	660284	656725	661406	0.81	cps
Strontium	86-1	47133	47266	46204	46868	1.23	cps
Strontium	88-1	403434	404744	402482	403553	0.28	cps
Sulfur	34-1	390188	392117	390616	390974	0.26	cps
Terbium	159-1	11264082	10323176	11170627	10919295	4.75	cps
Terbium	159-2	2220103	2192326	2185359	2199263	0.84	cps
Thallium	203-1	342	333	117	264	48.34	cps
Thallium	205-1	567	458	617	547	14.79	cps
Tin	118-1	950	908	892	917	3.28	cps
Titanium	47-1	425	433	367	408	8.90	cps
Uranium	238-1	192	158	242	197	21.27	cps
Vanadium	51-2	10	50	27	29	69.55	cps
Yttrium	89-1	8846662	8197205	8900984	8648284	4.53	cps
Yttrium	89-2	263490	263445	257924	261619	1.22	cps
Zinc	66-2	13013	13070	12990	13024	0.32	cps
Zirconium	90-1	883	883	733	833	10.39	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-08	Instrumnet Name :	P8
Client Sample ID :	XADP-44-FL3-KI-W3-F1-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:05:45	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	142	167	158	9.12	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-09 Instrumnet Name : P8
 Client Sample ID : XADP-45-FL3-UPK2-BR- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:08:52 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1642	1508	1634	1595	4.68	cps
Antimony	121-1	1217	1067	1042	1108	8.54	cps
Arsenic	75-2	26	39	41	35	22.93	cps
Barium	135-1	24849	24273	25425	24849	2.32	cps
Barium	137-1	44810	42093	42980	43294	3.20	cps
Beryllium	9-1	67	44	83	65	30.10	cps
Bismuth	209-1	7097808	7120696	7044856	7087787	0.55	cps
Bismuth	209-2	1663162	1799248	1826102	1762837	4.96	cps
Boron	10-1	908	883	875	889	1.95	cps
Boron	11-1	3692	4009	4176	3959	6.20	cps
Cadmium	111-1	1085	1136	1246	1155	7.10	cps
Cadmium	106-1	1550	1592	1734	1625	5.91	cps
Cadmium	108-1	42	29	38	36	17.62	cps
Calcium	43-1	121598	120288	120330	120739	0.62	cps
Calcium	44-1	2036731	2059961	2020174	2038955	0.98	cps
Chromium	52-2	467	480	360	436	15.10	cps
Cobalt	59-2	63	120	100	94	30.43	cps
Copper	63-2	144352	151141	154605	150032	3.48	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	33	75	67	58	37.80	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	83	100	67	83	20.00	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	10951580	11030967	10916658	10966402	0.53	cps
Holmium	165-2	2076532	2271189	2297110	2214944	5.44	cps
Indium	115-1	8920253	8827699	8693283	8813745	1.29	cps
Indium	115-2	329865	358271	363982	350706	5.21	cps
Iron	56-2	7799	7347	7814	7653	3.47	cps
Iron	57-2	206	156	161	174	15.74	cps
Lead	206-1	6263	6207	6330	6267	0.98	cps
Lead	207-1	5479	5646	5107	5411	5.10	cps
Lead	208-1	24710	24699	24238	24549	1.10	cps
Lithium	6-1	1280146	1282023	1278283	1280150	0.15	cps
Magnesium	24-2	29749	31745	32237	31244	4.22	cps
Manganese	55-2	2120	2280	2270	2224	4.03	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-09	Instrumnet Name :	P8
Client Sample ID :	XADP-45-FL3-UPK2-BR-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:08:52	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	275	342	328	14.46	cps
Molybdenum	95-1	167	158	225	183	19.81	cps
Molybdenum	96-1	158	325	200	228	38.08	cps
Molybdenum	97-1	192	183	125	167	21.79	cps
Molybdenum	98-1	317	317	400	344	13.97	cps
Neodymium	150-1	27	47	33	36	28.64	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1663	1620	1483	1589	5.91	cps
Phosphorus	31-2	142	217	183	181	20.81	cps
Potassium	39-2	9178	10196	9404	9593	5.57	cps
Rhodium	103-1	8182513	8064932	8056478	8101308	0.87	cps
Rhodium	103-2	1905273	2057439	2148814	2037175	6.04	cps
Scandium	45-1	4999384	5015147	4959534	4991355	0.57	cps
Scandium	45-2	34957	37223	38500	36893	4.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-15	17	-34	-11	-241.97	cps
Silicon	28-1	3466500	3416695	3407899	3430365	0.92	cps
Silver	109-1	175	133	192	167	18.03	cps
Silver	107-1	158	208	150	172	18.32	cps
Sodium	23-2	632235	658990	672113	654446	3.11	cps
Strontium	86-1	48378	47734	47074	47729	1.37	cps
Strontium	88-1	420599	417543	412031	416724	1.04	cps
Sulfur	34-1	390655	394400	390381	391812	0.57	cps
Terbium	159-1	11391493	11433454	11335417	11386788	0.43	cps
Terbium	159-2	2016648	2204340	2237825	2152937	5.54	cps
Thallium	203-1	267	200	283	250	17.64	cps
Thallium	205-1	400	517	667	528	25.33	cps
Tin	118-1	2467	2050	2309	2275	9.25	cps
Titanium	47-1	400	267	726	464	50.87	cps
Uranium	238-1	250	217	225	231	7.52	cps
Vanadium	51-2	80	93	117	97	19.20	cps
Yttrium	89-1	9120926	9033385	8947513	9033941	0.96	cps
Yttrium	89-2	241836	262025	268606	257489	5.42	cps
Zinc	66-2	24515	26355	26402	25758	4.18	cps
Zirconium	90-1	742	783	608	711	12.86	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-09	Instrumnet Name :	P8
Client Sample ID :	XADP-45-FL3-UPK2-BR-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:08:52	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	167	183	167	10.00	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-10 Instrumnet Name : P8
 Client Sample ID : XADP-46-FL3-UPK2-BR- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:11:59 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533	483	400	472	14.26	cps
Antimony	121-1	700	508	717	642	18.04	cps
Arsenic	75-2	52	43	37	44	17.07	cps
Barium	135-1	24799	24407	24407	24538	0.92	cps
Barium	137-1	43230	43473	43782	43495	0.64	cps
Beryllium	9-1	56	78	83	72	20.35	cps
Bismuth	209-1	6645989	6896841	7010495	6851108	2.72	cps
Bismuth	209-2	1850187	1842747	1844543	1845826	0.21	cps
Boron	10-1	675	858	858	797	13.28	cps
Boron	11-1	3567	3851	3551	3656	4.61	cps
Cadmium	111-1	1131	1153	963	1082	9.64	cps
Cadmium	106-1	1550	1609	1342	1500	9.35	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	122926	121305	117799	120677	2.17	cps
Calcium	44-1	2012513	1983034	1979229	1991592	0.91	cps
Chromium	52-2	490	473	480	481	1.74	cps
Cobalt	59-2	40	53	70	54	27.61	cps
Copper	63-2	179209	175978	176380	177189	0.99	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	92	75	158	108	40.71	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Holmium	165-1	10314374	10754747	10898655	10655925	2.86	cps
Holmium	165-2	2279859	2268220	2263004	2270361	0.38	cps
Indium	115-1	8154043	8506954	8647173	8436057	3.01	cps
Indium	115-2	363835	361040	363695	362856	0.43	cps
Iron	56-2	10098	9276	9442	9605	4.52	cps
Iron	57-2	261	217	206	228	12.91	cps
Lead	206-1	2762	2589	2734	2695	3.43	cps
Lead	207-1	1917	2217	2134	2089	7.41	cps
Lead	208-1	10280	10580	10385	10415	1.46	cps
Lithium	6-1	1175597	1251802	1253032	1226810	3.62	cps
Magnesium	24-2	31194	31494	31402	31363	0.49	cps
Manganese	55-2	2687	2627	2564	2626	2.35	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-10 Instrumnet Name : P8
 Client Sample ID : XADP-46-FL3-UPK2-BR- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:11:59 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	442	433	392	20.30	cps
Molybdenum	95-1	117	167	150	144	17.63	cps
Molybdenum	96-1	242	225	242	236	4.08	cps
Molybdenum	97-1	192	175	175	181	5.33	cps
Molybdenum	98-1	300	292	250	281	9.55	cps
Neodymium	150-1	13	40	13	22	69.30	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	600	613	637	617	3.01	cps
Phosphorus	31-2	200	233	217	217	7.69	cps
Potassium	39-2	9587	9445	9979	9670	2.86	cps
Rhodium	103-1	7547170	7953625	7933173	7811323	2.93	cps
Rhodium	103-2	2072908	2075454	2084023	2077462	0.28	cps
Scandium	45-1	4645822	4912227	4885417	4814489	3.05	cps
Scandium	45-2	38162	38245	38536	38314	0.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	7	4	65.54	cps
Selenium	82-1	-15	27	-75	-21	-245.58	cps
Silicon	28-1	3388852	3483724	3372657	3415078	1.76	cps
Silver	109-1	100	108	200	136	40.76	cps
Silver	107-1	208	150	183	181	16.21	cps
Sodium	23-2	670751	663049	667259	667019	0.58	cps
Strontium	86-1	48746	47182	47132	47687	1.92	cps
Strontium	88-1	411139	412350	405393	409627	0.91	cps
Sulfur	34-1	391794	387948	392565	390769	0.63	cps
Terbium	159-1	10644643	11141329	11225415	11003795	2.85	cps
Terbium	159-2	2237920	2222517	2242234	2234224	0.46	cps
Thallium	203-1	175	267	217	219	20.91	cps
Thallium	205-1	442	550	525	506	11.22	cps
Tin	118-1	942	1100	1000	1014	7.90	cps
Titanium	47-1	733	458	408	533	32.82	cps
Uranium	238-1	217	200	158	192	15.68	cps
Vanadium	51-2	67	63	53	61	11.36	cps
Yttrium	89-1	8333053	8823568	8891278	8682633	3.51	cps
Yttrium	89-2	267964	266097	265633	266565	0.46	cps
Zinc	66-2	11502	11041	11435	11326	2.20	cps
Zirconium	90-1	717	842	792	783	8.03	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-10	Instrumnet Name :	P8
Client Sample ID :	XADP-46-FL3-UPK2-BR-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:11:59	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	192	158	169	11.36	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-11 Instrumnet Name : P8
 Client Sample ID : XADP-47-FL3-H-BB1-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:15:06 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	592	642	742	658	11.60	cps
Antimony	121-1	433	417	542	464	14.63	cps
Arsenic	75-2	26	43	39	36	24.43	cps
Barium	135-1	26127	27855	27538	27173	3.39	cps
Barium	137-1	46315	47863	48289	47489	2.19	cps
Beryllium	9-1	61	44	83	63	30.99	cps
Bismuth	209-1	6539663	6814714	7004361	6786246	3.44	cps
Bismuth	209-2	1827388	1830422	1831944	1829918	0.13	cps
Boron	10-1	2484	2567	2509	2520	1.70	cps
Boron	11-1	10663	12122	11864	11550	6.74	cps
Cadmium	111-1	1559	1703	1643	1635	4.41	cps
Cadmium	106-1	1625	1750	1659	1678	3.86	cps
Cadmium	108-1	58	50	67	58	14.29	cps
Calcium	43-1	117548	121060	123153	120587	2.35	cps
Calcium	44-1	1942383	2020072	2067341	2009932	3.14	cps
Chromium	52-2	477	537	473	496	7.19	cps
Cobalt	59-2	93	63	47	68	34.89	cps
Copper	63-2	217012	215568	215589	216056	0.38	cps
Dysprosium	156-1	58	42	17	39	53.93	cps
Dysprosium	156-2	7	7	20	11	69.25	cps
Erbium	164-1	33	75	58	56	37.75	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	67	75	133	92	39.63	cps
Gadolinium	160-2	10	10	23	14	53.28	cps
Holmium	165-1	10084926	10643254	10821400	10516527	3.65	cps
Holmium	165-2	2281069	2280194	2288572	2283278	0.20	cps
Indium	115-1	8090188	8468322	8712717	8423742	3.72	cps
Indium	115-2	361103	364926	366126	364051	0.72	cps
Iron	56-2	10510	11222	10955	10896	3.30	cps
Iron	57-2	217	389	289	298	29.01	cps
Lead	206-1	6624	6563	6980	6722	3.35	cps
Lead	207-1	5107	5713	5396	5405	5.61	cps
Lead	208-1	24693	25583	25844	25374	2.38	cps
Lithium	6-1	1168491	1232864	1273661	1225005	4.33	cps
Magnesium	24-2	31578	32229	32914	32240	2.07	cps
Manganese	55-2	2587	2657	2490	2578	3.25	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-11	Instrumnet Name :	P8
Client Sample ID :	XADP-47-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:15:06	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	350	800	547	42.06	cps
Molybdenum	95-1	142	275	133	183	43.36	cps
Molybdenum	96-1	283	292	208	261	17.58	cps
Molybdenum	97-1	117	142	108	122	14.20	cps
Molybdenum	98-1	242	292	342	292	17.14	cps
Neodymium	150-1	27	87	93	69	53.30	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	553	543	567	554	2.11	cps
Phosphorus	31-2	217	325	217	253	24.74	cps
Potassium	39-2	9862	10171	10146	10060	1.70	cps
Rhodium	103-1	7399083	7789978	8005114	7731391	3.97	cps
Rhodium	103-2	2099699	2098165	2111803	2103222	0.36	cps
Scandium	45-1	4519999	4813283	4894813	4742698	4.16	cps
Scandium	45-2	37758	37748	37667	37724	0.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	36	-36	-42	-14	-303.52	cps
Silicon	28-1	3223277	3367918	3603922	3398372	5.65	cps
Silver	109-1	125	158	142	142	11.76	cps
Silver	107-1	175	133	142	150	14.70	cps
Sodium	23-2	677522	665535	673560	672206	0.91	cps
Strontium	86-1	48621	51263	52887	50924	4.23	cps
Strontium	88-1	417786	443136	444926	435283	3.49	cps
Sulfur	34-1	385111	391734	393328	390057	1.12	cps
Terbium	159-1	10443290	10984587	11221423	10883100	3.67	cps
Terbium	159-2	2241369	2218570	2218460	2226133	0.59	cps
Thallium	203-1	258	158	208	208	24.00	cps
Thallium	205-1	333	450	550	444	24.40	cps
Tin	118-1	567	608	675	617	8.86	cps
Titanium	47-1	783	817	667	756	10.42	cps
Uranium	238-1	267	300	283	283	5.88	cps
Vanadium	51-2	57	50	67	58	14.52	cps
Yttrium	89-1	8254672	8638106	8838616	8577131	3.46	cps
Yttrium	89-2	266348	265943	266648	266313	0.13	cps
Zinc	66-2	29468	29274	29164	29302	0.53	cps
Zirconium	90-1	742	908	742	797	12.07	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-11	Instrumnet Name :	P8
Client Sample ID :	XADP-47-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:15:06	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	208	233	211	9.93	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-12	Instrumnet Name :	P8
Client Sample ID :	XADP-48-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:18:13	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	92	92	83	17.32	cps
Antimony	121-1	442	508	542	497	10.24	cps
Arsenic	75-2	44	26	35	35	26.30	cps
Barium	135-1	26962	26344	25049	26118	3.74	cps
Barium	137-1	45630	44551	45329	45170	1.23	cps
Beryllium	9-1	94	44	100	80	38.42	cps
Bismuth	209-1	6998296	7074827	6946702	7006608	0.92	cps
Bismuth	209-2	1798101	1815192	1679353	1764215	4.19	cps
Boron	10-1	808	775	917	833	8.89	cps
Boron	11-1	3934	4076	4117	4042	2.38	cps
Cadmium	111-1	1272	1265	1186	1241	3.87	cps
Cadmium	106-1	1667	1675	1575	1639	3.39	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	120985	121640	119858	120828	0.75	cps
Calcium	44-1	2060361	2029691	2016794	2035615	1.10	cps
Chromium	52-2	417	460	457	444	5.43	cps
Cobalt	59-2	33	60	53	49	28.39	cps
Copper	63-2	208292	208063	206037	207464	0.60	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	75	58	50	61	20.83	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	67	67	83	72	13.33	cps
Gadolinium	160-2	17	20	10	16	32.73	cps
Holmium	165-1	10982184	10809472	10842185	10877947	0.84	cps
Holmium	165-2	2231804	2258428	2090960	2193731	4.10	cps
Indium	115-1	8798078	8739070	8638520	8725222	0.92	cps
Indium	115-2	356142	356725	333342	348736	3.82	cps
Iron	56-2	11051	10155	10115	10440	5.07	cps
Iron	57-2	267	244	239	250	5.88	cps
Lead	206-1	1956	2056	2017	2009	2.51	cps
Lead	207-1	1800	1734	1406	1646	12.83	cps
Lead	208-1	8007	7929	7501	7812	3.49	cps
Lithium	6-1	1270306	1290388	1303360	1288018	1.29	cps
Magnesium	24-2	32204	31394	31795	31798	1.27	cps
Manganese	55-2	2914	2994	2757	2888	4.17	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-12	Instrumnet Name :	P8
Client Sample ID :	XADP-48-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:18:13	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	475	400	367	414	13.41	cps
Molybdenum	95-1	167	217	217	200	14.44	cps
Molybdenum	96-1	300	267	392	319	20.26	cps
Molybdenum	97-1	183	125	150	153	19.15	cps
Molybdenum	98-1	275	258	325	286	12.13	cps
Neodymium	150-1	33	13	40	29	48.05	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	257	283	263	268	5.18	cps
Phosphorus	31-2	392	208	225	275	36.87	cps
Potassium	39-2	9279	10121	9429	9609	4.68	cps
Rhodium	103-1	8089207	8024029	7918153	8010463	1.08	cps
Rhodium	103-2	2061009	2091644	1943458	2032037	3.85	cps
Scandium	45-1	4980429	4932357	4881527	4931438	1.00	cps
Scandium	45-2	37149	37600	35171	36640	3.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-55	-15	17	-18	-201.57	cps
Silicon	28-1	3466184	3442887	3425862	3444978	0.59	cps
Silver	109-1	192	75	100	122	50.26	cps
Silver	107-1	117	200	175	164	26.09	cps
Sodium	23-2	664463	663975	652459	660299	1.03	cps
Strontium	86-1	48378	48212	47818	48136	0.60	cps
Strontium	88-1	413834	413823	412025	413227	0.25	cps
Sulfur	34-1	400756	402360	395759	399625	0.86	cps
Terbium	159-1	11258956	11223834	11188853	11223881	0.31	cps
Terbium	159-2	2185762	2213927	2047551	2149080	4.14	cps
Thallium	203-1	233	192	158	194	19.33	cps
Thallium	205-1	458	425	525	469	10.85	cps
Tin	118-1	833	708	733	758	8.72	cps
Titanium	47-1	475	558	450	494	11.47	cps
Uranium	238-1	242	208	200	217	10.18	cps
Vanadium	51-2	47	53	50	50	6.66	cps
Yttrium	89-1	8983086	8986934	8847297	8939105	0.89	cps
Yttrium	89-2	261721	264410	246482	257538	3.75	cps
Zinc	66-2	6548	6815	6602	6655	2.12	cps
Zirconium	90-1	708	700	792	733	6.91	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-12	Instrumnet Name :	P8
Client Sample ID :	XADP-48-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:18:13	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	308	217	206	52.91	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-13 Instrumnet Name : P8
 Client Sample ID : XADP-49-FL3-BRB-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:21:21 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	108	50	78	37.64	cps
Antimony	121-1	358	508	400	422	18.34	cps
Arsenic	75-2	33	33	30	32	6.66	cps
Barium	135-1	24991	24590	24023	24535	1.98	cps
Barium	137-1	42118	43071	42419	42536	1.15	cps
Beryllium	9-1	44	50	39	44	12.50	cps
Bismuth	209-1	7115744	7056118	7017941	7063268	0.70	cps
Bismuth	209-2	1577634	1568384	1650488	1598836	2.81	cps
Boron	10-1	825	742	692	753	8.95	cps
Boron	11-1	3609	3509	3467	3528	2.06	cps
Cadmium	111-1	1242	1278	1211	1244	2.70	cps
Cadmium	106-1	1650	1734	1634	1672	3.20	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	120372	119699	117483	119184	1.27	cps
Calcium	44-1	2012734	2023136	1988865	2008245	0.87	cps
Chromium	52-2	443	467	440	450	3.23	cps
Cobalt	59-2	63	43	50	52	19.50	cps
Copper	63-2	133323	127513	133787	131541	2.66	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	17	92	33	47	83.40	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	83	33	133	83	60.00	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	10968246	10863391	10775554	10869064	0.89	cps
Holmium	165-2	1972576	2004058	2113661	2030098	3.65	cps
Indium	115-1	8757280	8656122	8596541	8669981	0.94	cps
Indium	115-2	309910	321816	337119	322948	4.22	cps
Iron	56-2	7408	6491	6791	6897	6.78	cps
Iron	57-2	178	183	161	174	6.64	cps
Lead	206-1	7836	7658	7992	7829	2.13	cps
Lead	207-1	6507	6513	6485	6502	0.23	cps
Lead	208-1	30298	30337	30154	30263	0.32	cps
Lithium	6-1	1290132	1288746	1288033	1288970	0.08	cps
Magnesium	24-2	29691	28212	30016	29306	3.28	cps
Manganese	55-2	1423	1493	1563	1493	4.69	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-13	Instrumnet Name :	P8
Client Sample ID :	XADP-49-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:21:21	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	275	383	347	18.02	cps
Molybdenum	95-1	167	100	242	169	41.83	cps
Molybdenum	96-1	300	225	233	253	16.26	cps
Molybdenum	97-1	117	192	117	142	30.57	cps
Molybdenum	98-1	275	392	308	325	18.49	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1717	1610	1567	1631	4.73	cps
Phosphorus	31-2	225	150	317	231	36.20	cps
Potassium	39-2	8811	8536	8920	8756	2.26	cps
Rhodium	103-1	8026573	7996731	7954498	7992601	0.45	cps
Rhodium	103-2	1825622	1860054	1975231	1886969	4.15	cps
Scandium	45-1	4963508	4890379	4921207	4925031	0.75	cps
Scandium	45-2	32853	34235	35803	34297	4.30	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-26	31	11	6	521.38	cps
Silicon	28-1	3425136	3433429	3434285	3430950	0.15	cps
Silver	109-1	108	142	208	153	33.33	cps
Silver	107-1	267	158	100	175	48.33	cps
Sodium	23-2	612324	586523	613085	603977	2.50	cps
Strontium	86-1	47894	47049	47642	47528	0.91	cps
Strontium	88-1	409203	411194	403679	408025	0.95	cps
Sulfur	34-1	394672	396674	395444	395597	0.26	cps
Terbium	159-1	11424216	11226953	11198419	11283196	1.09	cps
Terbium	159-2	1917291	1959300	2068379	1981657	3.94	cps
Thallium	203-1	225	208	242	225	7.41	cps
Thallium	205-1	483	492	408	461	9.95	cps
Tin	118-1	717	817	708	747	8.07	cps
Titanium	47-1	458	308	383	383	19.57	cps
Uranium	238-1	308	225	250	261	16.38	cps
Vanadium	51-2	27	53	63	48	39.67	cps
Yttrium	89-1	8992753	8900359	8888270	8927127	0.64	cps
Yttrium	89-2	229188	235847	246992	237342	3.79	cps
Zinc	66-2	38798	37604	39590	38664	2.58	cps
Zirconium	90-1	683	642	483	603	17.51	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-13	Instrumnet Name :	P8
Client Sample ID :	XADP-49-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:21:21	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	117	142	114	25.70	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-14	Instrumnet Name :	P8
Client Sample ID :	XADP-50-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:24:28	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	58	42	53	18.23	cps
Antimony	121-1	417	458	483	453	7.44	cps
Arsenic	75-2	30	31	33	31	5.88	cps
Barium	135-1	22019	23063	22612	22565	2.32	cps
Barium	137-1	38808	43055	39861	40574	5.45	cps
Beryllium	9-1	44	39	39	41	7.88	cps
Bismuth	209-1	6351762	6770859	6487484	6536702	3.27	cps
Bismuth	209-2	1780139	1721758	1768856	1756918	1.76	cps
Boron	10-1	683	675	592	650	7.80	cps
Boron	11-1	3267	3167	3042	3159	3.57	cps
Cadmium	111-1	1067	1137	900	1035	11.77	cps
Cadmium	106-1	1508	1625	1258	1464	12.80	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	104857	116345	110364	110522	5.20	cps
Calcium	44-1	1785102	1926222	1892014	1867779	3.94	cps
Chromium	52-2	363	450	420	411	10.71	cps
Cobalt	59-2	40	40	33	38	10.19	cps
Copper	63-2	192713	188112	188200	189675	1.39	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	8	58	36	70.51	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	58	133	8	67	94.38	cps
Gadolinium	160-2	0	0	7	2	173.21	cps
Holmium	165-1	9825692	10406406	10061148	10097749	2.89	cps
Holmium	165-2	2203989	2112049	2190368	2168802	2.29	cps
Indium	115-1	7758262	8282199	8038324	8026262	3.27	cps
Indium	115-2	352484	338718	346791	345998	2.00	cps
Iron	56-2	6808	6224	6557	6530	4.49	cps
Iron	57-2	161	117	167	148	18.50	cps
Lead	206-1	1645	1861	1900	1802	7.64	cps
Lead	207-1	1517	1606	1389	1504	7.24	cps
Lead	208-1	7045	7218	7007	7090	1.58	cps
Lithium	6-1	1183758	1237429	1165831	1195673	3.12	cps
Magnesium	24-2	32021	30133	30985	31046	3.05	cps
Manganese	55-2	1133	1180	1243	1186	4.66	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-14	Instrumnet Name :	P8
Client Sample ID :	XADP-50-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:24:28	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	350	342	333	6.61	cps
Molybdenum	95-1	183	158	133	158	15.79	cps
Molybdenum	96-1	250	250	300	267	10.83	cps
Molybdenum	97-1	125	150	100	125	20.00	cps
Molybdenum	98-1	283	267	233	261	9.75	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	300	320	353	324	8.30	cps
Phosphorus	31-2	233	183	275	231	19.91	cps
Potassium	39-2	9812	9720	9420	9651	2.12	cps
Rhodium	103-1	7238479	7587566	7371806	7399283	2.38	cps
Rhodium	103-2	2066991	1988320	2011831	2022381	2.00	cps
Scandium	45-1	4402329	4738885	4565653	4568956	3.68	cps
Scandium	45-2	36003	34920	36120	35681	1.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-76	-33	36	-24	-231.16	cps
Silicon	28-1	3105108	3260417	3197301	3187609	2.45	cps
Silver	109-1	150	75	92	106	37.31	cps
Silver	107-1	183	133	192	169	18.62	cps
Sodium	23-2	633117	617658	625646	625474	1.24	cps
Strontium	86-1	42467	46288	43537	44098	4.47	cps
Strontium	88-1	365725	388742	380712	378393	3.09	cps
Sulfur	34-1	379320	387157	381949	382808	1.04	cps
Terbium	159-1	10179884	10809216	10373580	10454227	3.08	cps
Terbium	159-2	2155871	2088166	2134286	2126108	1.63	cps
Thallium	203-1	133	175	200	169	19.88	cps
Thallium	205-1	375	392	442	403	8.61	cps
Tin	118-1	558	683	567	603	11.59	cps
Titanium	47-1	325	325	408	353	13.64	cps
Uranium	238-1	208	175	175	186	10.34	cps
Vanadium	51-2	83	40	33	52	51.99	cps
Yttrium	89-1	7894292	8497610	8252084	8214662	3.69	cps
Yttrium	89-2	261034	247418	253611	254021	2.68	cps
Zinc	66-2	11655	11251	11195	11367	2.21	cps
Zirconium	90-1	592	667	600	619	6.64	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-14	Instrumnet Name :	P8
Client Sample ID :	XADP-50-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:24:28	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	133	434	228	78.28	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-15	Instrumnet Name :	P8
Client Sample ID :	XADP-51-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:27:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	33	50	53	39.75	cps
Antimony	121-1	400	633	583	539	22.80	cps
Arsenic	75-2	41	35	26	34	22.04	cps
Barium	135-1	23413	22111	23789	23104	3.81	cps
Barium	137-1	40680	41123	40196	40667	1.14	cps
Beryllium	9-1	33	50	56	46	24.99	cps
Bismuth	209-1	6869891	6956080	5834476	6553482	9.52	cps
Bismuth	209-2	1750677	1746573	1768212	1755154	0.65	cps
Boron	10-1	700	908	650	753	18.20	cps
Boron	11-1	3151	3167	3576	3298	7.30	cps
Cadmium	111-1	1264	1293	903	1153	18.86	cps
Cadmium	106-1	1725	1725	1225	1558	18.53	cps
Cadmium	108-1	21	21	25	22	10.84	cps
Calcium	43-1	115321	113639	114911	114624	0.77	cps
Calcium	44-1	1929661	1954526	1961311	1948499	0.86	cps
Chromium	52-2	453	423	353	410	12.52	cps
Cobalt	59-2	80	50	37	56	39.95	cps
Copper	63-2	122851	121088	121872	121937	0.72	cps
Dysprosium	156-1	25	17	33	25	33.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	50	125	75	83	45.83	cps
Gadolinium	160-2	7	10	20	12	56.76	cps
Holmium	165-1	10539348	10697968	8937557	10058291	9.68	cps
Holmium	165-2	2201072	2179348	2187793	2189404	0.50	cps
Indium	115-1	8499118	8542794	7172955	8071623	9.65	cps
Indium	115-2	353353	346746	351652	350584	0.98	cps
Iron	56-2	6758	6113	6507	6459	5.03	cps
Iron	57-2	144	133	156	144	7.69	cps
Lead	206-1	12167	11895	11861	11974	1.40	cps
Lead	207-1	9743	9704	9887	9778	0.99	cps
Lead	208-1	45833	45399	45861	45698	0.57	cps
Lithium	6-1	1243087	1265792	1071378	1193419	8.91	cps
Magnesium	24-2	31152	30359	30517	30676	1.37	cps
Manganese	55-2	1360	1493	1533	1462	6.21	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-15 Instrumnet Name : P8
 Client Sample ID : XADP-51-FL3-BRB-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:27:36 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	517	275	400	30.26	cps
Molybdenum	95-1	192	183	217	197	8.80	cps
Molybdenum	96-1	283	217	283	261	14.74	cps
Molybdenum	97-1	158	142	142	147	6.54	cps
Molybdenum	98-1	417	408	333	386	11.89	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1333	1253	1170	1252	6.52	cps
Phosphorus	31-2	250	183	217	217	15.38	cps
Potassium	39-2	9453	9412	9662	9509	1.41	cps
Rhodium	103-1	7878693	7818594	6612162	7436483	9.61	cps
Rhodium	103-2	2043775	1999981	2010076	2017944	1.14	cps
Scandium	45-1	4802839	4817266	4036724	4552276	9.81	cps
Scandium	45-2	36828	36728	36812	36789	0.15	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-104	76	-65	-31	-302.74	cps
Silicon	28-1	3328415	3298755	3285668	3304279	0.66	cps
Silver	109-1	133	92	142	122	21.92	cps
Silver	107-1	200	217	125	181	27.04	cps
Sodium	23-2	641659	630671	632142	634824	0.94	cps
Strontium	86-1	44675	45469	45644	45262	1.14	cps
Strontium	88-1	389088	394852	391269	391736	0.74	cps
Sulfur	34-1	396073	393882	391014	393656	0.64	cps
Terbium	159-1	10945517	11004254	9205754	10385175	9.84	cps
Terbium	159-2	2147681	2108712	2133054	2129816	0.92	cps
Thallium	203-1	192	200	117	169	27.09	cps
Thallium	205-1	450	467	375	431	11.34	cps
Tin	118-1	658	717	775	717	8.14	cps
Titanium	47-1	450	275	375	367	23.94	cps
Uranium	238-1	192	158	200	183	12.03	cps
Vanadium	51-2	23	30	70	41	61.40	cps
Yttrium	89-1	8618293	8747139	7259170	8208201	10.04	cps
Yttrium	89-2	256596	252979	255695	255090	0.74	cps
Zinc	66-2	49505	48555	49054	49038	0.97	cps
Zirconium	90-1	625	592	617	611	2.84	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-15	Instrumnet Name :	P8
Client Sample ID :	XADP-51-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:27:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	158	192	158	21.05	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-16	Instrumnet Name :	P8
Client Sample ID :	XADP-52-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:30:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	67	92	78	16.37	cps
Antimony	121-1	350	475	500	442	18.20	cps
Arsenic	75-2	39	35	35	36	5.86	cps
Barium	135-1	24707	24724	23555	24329	2.75	cps
Barium	137-1	42812	43004	42586	42801	0.49	cps
Beryllium	9-1	83	61	44	63	30.99	cps
Bismuth	209-1	6963900	6997828	6890121	6950616	0.79	cps
Bismuth	209-2	1790273	1792145	1861023	1814480	2.22	cps
Boron	10-1	650	708	683	681	4.30	cps
Boron	11-1	3276	3217	3801	3431	9.37	cps
Cadmium	111-1	1050	1125	1201	1125	6.68	cps
Cadmium	106-1	1475	1558	1650	1561	5.61	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	120152	116237	116859	117749	1.79	cps
Calcium	44-1	1974539	1975586	1962630	1970918	0.37	cps
Chromium	52-2	430	413	450	431	4.26	cps
Cobalt	59-2	57	40	47	48	17.56	cps
Copper	63-2	177370	179966	181487	179607	1.16	cps
Dysprosium	156-1	25	8	50	28	75.51	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	17	83	53	63.81	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	75	117	83	92	24.05	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	10794452	10793623	10695571	10761215	0.53	cps
Holmium	165-2	2216304	2252884	2271189	2246792	1.24	cps
Indium	115-1	8544536	8501249	8611160	8552315	0.65	cps
Indium	115-2	353920	355676	358356	355984	0.63	cps
Iron	56-2	6557	6379	6346	6428	1.77	cps
Iron	57-2	217	222	183	207	10.14	cps
Lead	206-1	3501	3651	3473	3541	2.70	cps
Lead	207-1	2967	2678	2806	2817	5.14	cps
Lead	208-1	13398	13375	13075	13283	1.36	cps
Lithium	6-1	1267180	1276619	1275048	1272949	0.40	cps
Magnesium	24-2	31804	30275	32672	31583	3.84	cps
Manganese	55-2	1387	1367	1350	1368	1.34	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-16	Instrumnet Name :	P8
Client Sample ID :	XADP-52-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:30:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	358	275	336	15.94	cps
Molybdenum	95-1	158	192	175	175	9.53	cps
Molybdenum	96-1	200	292	275	256	19.11	cps
Molybdenum	97-1	108	108	150	122	19.68	cps
Molybdenum	98-1	208	217	383	269	36.64	cps
Neodymium	150-1	13	40	7	20	88.19	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	520	460	533	504	7.74	cps
Phosphorus	31-2	292	183	267	247	22.94	cps
Potassium	39-2	9871	9754	9745	9790	0.71	cps
Rhodium	103-1	7861077	7891147	7854325	7868850	0.25	cps
Rhodium	103-2	2057720	2061199	2117708	2078876	1.62	cps
Scandium	45-1	4874650	4835761	4856053	4855488	0.40	cps
Scandium	45-2	37885	38102	38262	38083	0.50	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-54	-35	-26	-38	-36.32	cps
Silicon	28-1	3389931	3384082	3353597	3375870	0.58	cps
Silver	109-1	108	158	233	167	37.75	cps
Silver	107-1	158	117	167	147	18.20	cps
Sodium	23-2	646404	645925	660609	650980	1.28	cps
Strontium	86-1	46597	45728	46581	46302	1.07	cps
Strontium	88-1	404465	404437	401031	403311	0.49	cps
Sulfur	34-1	392086	396864	396009	394986	0.65	cps
Terbium	159-1	11152520	11241198	11074357	11156025	0.75	cps
Terbium	159-2	2189974	2211660	2208003	2203212	0.53	cps
Thallium	203-1	142	133	158	144	8.81	cps
Thallium	205-1	425	442	442	436	2.21	cps
Tin	118-1	692	650	750	697	7.20	cps
Titanium	47-1	375	342	1980	899	104.17	cps
Uranium	238-1	258	192	200	217	16.77	cps
Vanadium	51-2	57	40	33	43	27.74	cps
Yttrium	89-1	8756709	8735724	8737717	8743383	0.13	cps
Yttrium	89-2	260067	263138	267119	263441	1.34	cps
Zinc	66-2	21627	21684	21841	21717	0.51	cps
Zirconium	90-1	859	775	542	725	22.65	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-16	Instrumnet Name :	P8
Client Sample ID :	XADP-52-FL3-BRB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:30:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	225	150	183	20.83	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-17 Instrumnet Name : P8
 Client Sample ID : XADP-55-FL3-H-BB1-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:33:51 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	17	42	44	65.84	cps
Antimony	121-1	700	483	475	553	23.08	cps
Arsenic	75-2	15	54	35	35	56.28	cps
Barium	135-1	25801	27396	25283	26160	4.21	cps
Barium	137-1	46725	46591	43933	45750	3.44	cps
Beryllium	9-1	44	39	56	46	18.33	cps
Bismuth	209-1	6617072	7128259	6669544	6804958	4.13	cps
Bismuth	209-2	1838165	1825248	1825669	1829694	0.40	cps
Boron	10-1	617	808	658	694	14.52	cps
Boron	11-1	3317	3459	3401	3392	2.10	cps
Cadmium	111-1	1163	1303	1126	1197	7.83	cps
Cadmium	106-1	1542	1742	1533	1606	7.35	cps
Cadmium	108-1	17	17	21	18	13.30	cps
Calcium	43-1	123211	121346	114868	119808	3.65	cps
Calcium	44-1	2053977	2072840	1893935	2006917	4.90	cps
Chromium	52-2	397	387	480	421	12.17	cps
Cobalt	59-2	107	97	93	99	7.02	cps
Copper	63-2	205288	206956	208434	206893	0.76	cps
Dysprosium	156-1	33	50	25	36	35.25	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	58	92	67	72	24.02	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	10204935	11015351	10448519	10556268	3.94	cps
Holmium	165-2	2254705	2274059	2285385	2271383	0.68	cps
Indium	115-1	8115616	8719535	8224466	8353206	3.85	cps
Indium	115-2	359173	359912	359242	359442	0.11	cps
Iron	56-2	7252	7670	6936	7286	5.05	cps
Iron	57-2	194	178	178	183	5.25	cps
Lead	206-1	5635	5351	5407	5464	2.75	cps
Lead	207-1	4551	4484	4406	4481	1.61	cps
Lead	208-1	21497	20824	20496	20939	2.44	cps
Lithium	6-1	1201336	1311107	1236716	1249720	4.48	cps
Magnesium	24-2	32563	31887	31820	32090	1.28	cps
Manganese	55-2	2010	2134	2137	2094	3.45	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-17	Instrumnet Name :	P8
Client Sample ID :	XADP-55-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:33:51	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	325	300	314	4.06	cps
Molybdenum	95-1	133	117	208	153	31.96	cps
Molybdenum	96-1	258	267	233	253	6.86	cps
Molybdenum	97-1	183	200	125	169	23.24	cps
Molybdenum	98-1	208	258	208	225	12.83	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	10157	10684	10197	10346	2.84	cps
Phosphorus	31-2	200	283	192	225	22.53	cps
Potassium	39-2	9996	9812	10379	10062	2.88	cps
Rhodium	103-1	7434669	8014005	7600705	7683126	3.88	cps
Rhodium	103-2	2067963	2110770	2107646	2095459	1.14	cps
Scandium	45-1	4544290	5006576	4712857	4754574	4.92	cps
Scandium	45-2	38085	38028	37463	37859	0.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-58	-37	25	-23	-186.25	cps
Silicon	28-1	3468014	3423778	3232705	3374832	3.71	cps
Silver	109-1	167	175	125	156	17.22	cps
Silver	107-1	142	225	175	181	23.23	cps
Sodium	23-2	650127	654502	655120	653249	0.42	cps
Strontium	86-1	47099	46949	44824	46291	2.75	cps
Strontium	88-1	412796	408330	382083	401070	4.14	cps
Sulfur	34-1	406518	407387	398461	404122	1.22	cps
Terbium	159-1	10610459	11495878	10680343	10928893	4.50	cps
Terbium	159-2	2206432	2238815	2214292	2219846	0.76	cps
Thallium	203-1	175	167	250	197	23.27	cps
Thallium	205-1	433	392	425	417	5.29	cps
Tin	118-1	775	850	883	836	6.64	cps
Titanium	47-1	392	425	408	408	4.08	cps
Uranium	238-1	167	275	175	206	29.33	cps
Vanadium	51-2	60	43	57	53	16.54	cps
Yttrium	89-1	8275382	8927202	8521446	8574677	3.84	cps
Yttrium	89-2	263485	265159	264265	264303	0.32	cps
Zinc	66-2	34623	34981	34687	34764	0.55	cps
Zirconium	90-1	567	667	750	661	13.88	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-17	Instrumnet Name :	P8
Client Sample ID :	XADP-55-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:33:51	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	108	108	144	43.30	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:36:58	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	8	6	86.60	cps
Antimony	121-1	42	58	92	64	39.85	cps
Arsenic	75-2	4	2	0	2	100.00	cps
Barium	135-1	17	50	42	36	48.03	cps
Barium	137-1	33	50	42	42	20.00	cps
Beryllium	9-1	56	56	28	46	34.64	cps
Bismuth	209-1	6052114	6404690	6534758	6330521	3.94	cps
Bismuth	209-2	1637432	1637816	1638351	1637866	0.03	cps
Boron	10-1	217	200	125	181	27.04	cps
Boron	11-1	1008	808	908	908	11.01	cps
Cadmium	111-1	966	1136	1071	1058	8.07	cps
Cadmium	106-1	1375	1609	1500	1495	7.81	cps
Cadmium	108-1	13	4	0	6	114.53	cps
Calcium	43-1	1517	1283	1158	1320	13.78	cps
Calcium	44-1	15951	16836	16310	16366	2.72	cps
Chromium	52-2	403	397	390	397	1.68	cps
Cobalt	59-2	50	40	43	44	11.46	cps
Copper	63-2	157	73	107	112	37.38	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	42	83	56	43.30	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	25	75	58	53	48.24	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	9294501	9991590	9965758	9750616	4.05	cps
Holmium	165-2	2098825	2119290	2116941	2111685	0.53	cps
Indium	115-1	7346553	7955391	8032861	7778268	4.83	cps
Indium	115-2	335000	337786	335279	336022	0.46	cps
Iron	56-2	995	961	939	965	2.90	cps
Iron	57-2	33	22	33	30	21.65	cps
Lead	206-1	2457752	2621092	2670306	2583050	4.31	cps
Lead	207-1	2276719	2443237	2460902	2393619	4.25	cps
Lead	208-1	10116347	10777294	10980716	10624786	4.25	cps
Lithium	6-1	1108130	1176730	1192391	1159084	3.87	cps
Magnesium	24-2	100	92	100	97	4.95	cps
Manganese	55-2	23	10	23	19	40.75	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:36:58	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	117	208	192	172	28.35	cps
Molybdenum	95-1	42	75	67	61	28.38	cps
Molybdenum	96-1	75	108	58	81	31.60	cps
Molybdenum	97-1	42	25	67	44	47.19	cps
Molybdenum	98-1	100	92	67	86	20.15	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	100	87	91	8.45	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2292	2284	2334	2303	1.16	cps
Rhodium	103-1	6848155	7326301	7411609	7195355	4.22	cps
Rhodium	103-2	1965423	1940538	1976208	1960723	0.93	cps
Scandium	45-1	4205019	4456666	4526586	4396090	3.85	cps
Scandium	45-2	34837	35659	35522	35339	1.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-38	-72	-3	-37	-91.86	cps
Silicon	28-1	352697	356792	353188	354226	0.63	cps
Silver	109-1	67	67	75	69	6.93	cps
Silver	107-1	83	150	83	106	36.46	cps
Sodium	23-2	7677	7569	7336	7527	2.32	cps
Strontium	86-1	417	408	525	450	14.46	cps
Strontium	88-1	167	142	158	156	8.18	cps
Sulfur	34-1	372668	381375	379461	377835	1.21	cps
Terbium	159-1	9532325	10264559	10506739	10101208	5.02	cps
Terbium	159-2	2060427	2052917	2066347	2059897	0.33	cps
Thallium	203-1	183	158	208	183	13.64	cps
Thallium	205-1	525	475	400	467	13.48	cps
Tin	118-1	467	583	608	553	13.68	cps
Titanium	47-1	150	142	117	136	12.75	cps
Uranium	238-1	42	33	100	58	62.27	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Yttrium	89-1	7556078	8074032	8225533	7951881	4.41	cps
Yttrium	89-2	245598	247887	242726	245404	1.05	cps
Zinc	66-2	63	40	63	56	24.25	cps
Zirconium	90-1	450	442	517	469	8.76	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:36:58	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	92	92	100	14.43	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:40:04	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	8	19	65.47	cps
Antimony	121-1	42	50	58	50	16.67	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	58	25	17	33	66.14	cps
Barium	137-1	17	42	42	33	43.30	cps
Beryllium	9-1	39	50	39	43	15.06	cps
Bismuth	209-1	5856427	6434731	6098217	6129792	4.74	cps
Bismuth	209-2	1522334	1577238	1637019	1578864	3.63	cps
Boron	10-1	108	183	158	150	25.46	cps
Boron	11-1	758	642	692	697	8.40	cps
Cadmium	111-1	949	971	1074	998	6.69	cps
Cadmium	106-1	1350	1383	1517	1417	6.23	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Calcium	43-1	1342	1408	1292	1347	4.34	cps
Calcium	44-1	15851	15584	16018	15818	1.38	cps
Chromium	52-2	513	503	573	530	7.14	cps
Cobalt	59-2	30	33	37	33	10.01	cps
Copper	63-2	60	157	73	97	54.20	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	25	58	47	40.76	cps
Erbium	164-2	0	0	17	6	173.21	cps
Gadolinium	160-1	75	42	33	50	44.10	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	8874913	9914390	9310847	9366717	5.57	cps
Holmium	165-2	1963476	2040818	2032818	2012371	2.11	cps
Indium	115-1	7031504	7799809	7529365	7453559	5.23	cps
Indium	115-2	314855	325615	322175	320882	1.71	cps
Iron	56-2	972	917	995	961	4.17	cps
Iron	57-2	17	22	39	26	44.60	cps
Lead	206-1	600	622	556	593	5.73	cps
Lead	207-1	472	633	539	548	14.77	cps
Lead	208-1	2128	2545	2200	2291	9.72	cps
Lithium	6-1	1061955	1156076	1147709	1121914	4.64	cps
Magnesium	24-2	75	75	83	78	6.19	cps
Manganese	55-2	7	27	23	19	56.72	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:40:04	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	183	92	192	156	35.67	cps
Molybdenum	95-1	17	0	8	8	100.02	cps
Molybdenum	96-1	58	108	83	83	30.00	cps
Molybdenum	97-1	42	42	33	39	12.38	cps
Molybdenum	98-1	25	8	25	19	49.50	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	53	43	50	11.55	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2125	2200	2259	2195	3.05	cps
Rhodium	103-1	6549279	7175564	6906270	6877038	4.57	cps
Rhodium	103-2	1861078	1898975	1885206	1881753	1.02	cps
Scandium	45-1	3983051	4434979	4243916	4220649	5.38	cps
Scandium	45-2	33363	34071	34349	33928	1.50	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-52	-66	-102	-73	-35.16	cps
Silicon	28-1	344600	350020	346501	347040	0.79	cps
Silver	109-1	33	67	75	58	37.79	cps
Silver	107-1	58	58	50	56	8.67	cps
Sodium	23-2	7135	7369	7477	7327	2.38	cps
Strontium	86-1	550	533	492	525	5.72	cps
Strontium	88-1	125	158	117	133	16.54	cps
Sulfur	34-1	369856	372987	370333	371059	0.45	cps
Terbium	159-1	9149776	10158734	9824909	9711140	5.29	cps
Terbium	159-2	1937381	1988088	2005425	1976965	1.79	cps
Thallium	203-1	133	167	133	144	13.32	cps
Thallium	205-1	283	383	350	339	15.03	cps
Tin	118-1	558	567	458	528	11.42	cps
Titanium	47-1	142	125	133	133	6.25	cps
Uranium	238-1	33	67	58	53	32.88	cps
Vanadium	51-2	0	10	0	3	173.21	cps
Yttrium	89-1	7264638	7925207	7683353	7624399	4.38	cps
Yttrium	89-2	229292	239276	237454	235341	2.26	cps
Zinc	66-2	53	60	60	58	6.67	cps
Zirconium	90-1	350	575	383	436	27.84	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:40:04	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	125	100	103	20.41	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-18 Instrumnet Name : P8
 Client Sample ID : XADP-56-FL3-H-BB1-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:43:12 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	533	392	458	15.53	cps
Antimony	121-1	367	542	492	467	19.32	cps
Arsenic	75-2	48	37	39	41	14.39	cps
Barium	135-1	26035	26737	26285	26352	1.35	cps
Barium	137-1	45998	46065	45688	45917	0.44	cps
Beryllium	9-1	39	39	56	44	21.65	cps
Bismuth	209-1	7367134	7233589	7281413	7294046	0.93	cps
Bismuth	209-2	1892097	1857707	1623112	1790972	8.17	cps
Boron	10-1	1809	2034	1842	1895	6.41	cps
Boron	11-1	8620	8936	9278	8945	3.68	cps
Cadmium	111-1	1156	1294	1008	1153	12.42	cps
Cadmium	106-1	1609	1792	1417	1606	11.68	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	127953	127903	126702	127519	0.56	cps
Calcium	44-1	2119488	2123506	2123115	2122036	0.10	cps
Chromium	52-2	450	513	550	504	10.03	cps
Cobalt	59-2	23	63	13	33	79.38	cps
Copper	63-2	206071	203480	205006	204852	0.64	cps
Dysprosium	156-1	33	58	25	39	44.61	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	67	67	75	69	6.93	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	67	33	67	56	34.65	cps
Gadolinium	160-2	27	20	17	21	24.12	cps
Holmium	165-1	11309077	11323787	11202719	11278528	0.59	cps
Holmium	165-2	2295705	2302206	1986621	2194844	8.22	cps
Indium	115-1	8954273	8906745	8872475	8911165	0.46	cps
Indium	115-2	365155	364111	316906	348724	7.90	cps
Iron	56-2	9432	9165	9092	9229	1.94	cps
Iron	57-2	222	294	261	259	13.94	cps
Lead	206-1	2995	3212	2884	3030	5.50	cps
Lead	207-1	2467	2656	2589	2571	3.73	cps
Lead	208-1	11853	12770	11675	12099	4.86	cps
Lithium	6-1	1330452	1357548	1311830	1333277	1.72	cps
Magnesium	24-2	32538	32572	33491	32867	1.64	cps
Manganese	55-2	2124	1990	2067	2060	3.25	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-18	Instrumnet Name :	P8
Client Sample ID :	XADP-56-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:43:12	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	400	408	425	8.55	cps
Molybdenum	95-1	125	125	133	128	3.76	cps
Molybdenum	96-1	192	158	200	183	12.03	cps
Molybdenum	97-1	217	117	92	142	46.69	cps
Molybdenum	98-1	292	267	317	292	8.57	cps
Neodymium	150-1	33	53	67	51	32.83	cps
Neodymium	150-2	3	23	3	10	115.53	cps
Nickel	60-2	637	683	737	686	7.30	cps
Phosphorus	31-2	267	258	275	267	3.13	cps
Potassium	39-2	10021	9695	10346	10021	3.25	cps
Rhodium	103-1	8302556	8208377	8202581	8237838	0.68	cps
Rhodium	103-2	2146903	2097976	1841486	2028788	8.09	cps
Scandium	45-1	5087306	5041949	5005810	5045022	0.81	cps
Scandium	45-2	38369	38419	33538	36775	7.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	0	-7	23	5	295.15	cps
Silicon	28-1	3556399	3502698	3513180	3524092	0.81	cps
Silver	109-1	133	83	142	119	26.41	cps
Silver	107-1	167	267	183	206	26.06	cps
Sodium	23-2	675147	663385	677863	672132	1.14	cps
Strontium	86-1	52050	50636	50018	50901	2.05	cps
Strontium	88-1	437896	446594	439453	441314	1.05	cps
Sulfur	34-1	410171	415002	407113	410762	0.97	cps
Terbium	159-1	11727511	11755390	11469460	11650787	1.35	cps
Terbium	159-2	2274265	2242961	1963585	2160270	7.92	cps
Thallium	203-1	133	158	200	164	20.55	cps
Thallium	205-1	400	383	350	378	6.74	cps
Tin	118-1	600	600	608	603	0.80	cps
Titanium	47-1	575	567	692	611	11.44	cps
Uranium	238-1	267	225	242	244	8.58	cps
Vanadium	51-2	60	53	60	58	6.67	cps
Yttrium	89-1	9180980	9105254	9024303	9103512	0.86	cps
Yttrium	89-2	268447	267132	232107	255895	8.05	cps
Zinc	66-2	8760	8770	8840	8790	0.50	cps
Zirconium	90-1	683	808	925	806	15.00	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-18	Instrumnet Name :	P8
Client Sample ID :	XADP-56-FL3-H-BB1-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:43:12	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	100	192	167	35.00	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-19	Instrumnet Name :	P8
Client Sample ID :	XADP-57-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:46:20	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	83	50	61	31.50	cps
Antimony	121-1	725	692	800	739	7.51	cps
Arsenic	75-2	43	30	43	38	19.55	cps
Barium	135-1	23489	25066	25935	24830	4.99	cps
Barium	137-1	43046	44384	42929	43453	1.86	cps
Beryllium	9-1	11	44	50	35	59.78	cps
Bismuth	209-1	6597345	6884759	6892649	6791585	2.48	cps
Bismuth	209-2	1804644	1799530	1782963	1795712	0.63	cps
Boron	10-1	617	808	683	703	13.85	cps
Boron	11-1	3025	3101	3134	3087	1.80	cps
Cadmium	111-1	1029	1085	1183	1099	7.11	cps
Cadmium	106-1	1442	1517	1600	1520	5.21	cps
Cadmium	108-1	25	21	17	21	19.99	cps
Calcium	43-1	112498	115749	117236	115161	2.10	cps
Calcium	44-1	1887086	1953343	2025400	1955276	3.54	cps
Chromium	52-2	430	397	440	422	5.37	cps
Cobalt	59-2	60	50	73	61	19.15	cps
Copper	63-2	160592	160255	160434	160427	0.11	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	50	33	67	50	33.34	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	58	117	75	83	36.05	cps
Gadolinium	160-2	0	20	17	12	87.67	cps
Holmium	165-1	10187408	10645198	10764532	10532379	2.89	cps
Holmium	165-2	2226682	2246337	2239963	2237660	0.45	cps
Indium	115-1	8069039	8386946	8556273	8337419	2.97	cps
Indium	115-2	352129	352099	352662	352297	0.09	cps
Iron	56-2	9927	10638	10048	10204	3.73	cps
Iron	57-2	244	261	283	263	7.42	cps
Lead	206-1	9882	10983	10810	10558	5.61	cps
Lead	207-1	8136	9304	8720	8720	6.69	cps
Lead	208-1	38864	41488	41611	40654	3.82	cps
Lithium	6-1	1222287	1235956	1266356	1241533	1.82	cps
Magnesium	24-2	30960	31494	30116	30857	2.25	cps
Manganese	55-2	1977	2010	1937	1975	1.86	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-19 Instrumnet Name : P8
 Client Sample ID : XADP-57-FL3-BRG-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:46:20 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	383	325	342	10.63	cps
Molybdenum	95-1	225	225	175	208	13.86	cps
Molybdenum	96-1	267	267	167	233	24.74	cps
Molybdenum	97-1	183	158	117	153	22.04	cps
Molybdenum	98-1	400	258	317	325	21.91	cps
Neodymium	150-1	20	7	40	22	75.49	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	467	340	413	407	15.64	cps
Phosphorus	31-2	308	275	200	261	21.25	cps
Potassium	39-2	9453	9946	9178	9526	4.08	cps
Rhodium	103-1	7386172	7846784	7860017	7697658	3.51	cps
Rhodium	103-2	2064278	2079322	2048223	2063941	0.75	cps
Scandium	45-1	4573178	4734655	4796320	4701384	2.45	cps
Scandium	45-2	37159	37487	36464	37037	1.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-31	5	21	-2	-1414.29	cps
Silicon	28-1	3357176	3455044	3422612	3411611	1.46	cps
Silver	109-1	117	133	108	119	10.66	cps
Silver	107-1	167	192	242	200	19.10	cps
Sodium	23-2	633345	644354	627329	635009	1.36	cps
Strontium	86-1	44832	47191	47249	46424	2.97	cps
Strontium	88-1	391251	402602	408991	400948	2.24	cps
Sulfur	34-1	401258	406247	408714	405406	0.94	cps
Terbium	159-1	10561887	11035340	10998484	10865237	2.42	cps
Terbium	159-2	2174517	2161749	2174172	2170146	0.34	cps
Thallium	203-1	183	150	175	169	10.24	cps
Thallium	205-1	325	492	308	375	27.04	cps
Tin	118-1	792	908	917	872	8.01	cps
Titanium	47-1	467	450	475	464	2.75	cps
Uranium	238-1	317	333	242	297	16.43	cps
Vanadium	51-2	27	57	40	41	36.56	cps
Yttrium	89-1	8314422	8646523	8621662	8527536	2.17	cps
Yttrium	89-2	258771	258299	258304	258458	0.10	cps
Zinc	66-2	32201	31579	31205	31662	1.59	cps
Zirconium	90-1	542	733	633	636	15.07	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-19	Instrumnet Name :	P8
Client Sample ID :	XADP-57-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:46:20	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	117	117	136	24.75	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-20	Instrumnet Name :	P8
Client Sample ID :	XADP-58-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:49:26	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	108	58	69	49.96	cps
Antimony	121-1	425	483	517	475	9.77	cps
Arsenic	75-2	35	26	37	33	18.19	cps
Barium	135-1	25208	26110	26553	25957	2.64	cps
Barium	137-1	45036	44309	44777	44707	0.82	cps
Beryllium	9-1	56	61	33	50	29.40	cps
Bismuth	209-1	7080657	6982925	7038850	7034144	0.70	cps
Bismuth	209-2	1664281	1612813	1618128	1631741	1.73	cps
Boron	10-1	817	800	683	767	9.48	cps
Boron	11-1	3359	3184	3434	3326	3.86	cps
Cadmium	111-1	1158	1214	1285	1219	5.19	cps
Cadmium	106-1	1642	1734	1792	1722	4.39	cps
Cadmium	108-1	17	17	4	13	57.72	cps
Calcium	43-1	118976	121439	117111	119175	1.82	cps
Calcium	44-1	2007482	2026141	2008554	2014059	0.52	cps
Chromium	52-2	373	470	377	407	13.49	cps
Cobalt	59-2	23	47	67	46	47.61	cps
Copper	63-2	186653	183248	185705	185202	0.95	cps
Dysprosium	156-1	17	58	42	39	53.93	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	58	67	67	64	7.53	cps
Erbium	164-2	7	0	13	7	99.98	cps
Gadolinium	160-1	92	83	75	83	10.00	cps
Gadolinium	160-2	10	23	3	12	83.33	cps
Holmium	165-1	10935941	10826602	10779939	10847494	0.74	cps
Holmium	165-2	2104649	2096827	2085728	2095735	0.45	cps
Indium	115-1	8709410	8689745	8566935	8655363	0.89	cps
Indium	115-2	332696	330172	332367	331745	0.41	cps
Iron	56-2	8764	8775	9839	9126	6.76	cps
Iron	57-2	206	228	244	226	8.64	cps
Lead	206-1	2367	2256	2289	2304	2.48	cps
Lead	207-1	1822	1845	2067	1911	7.07	cps
Lead	208-1	8885	8990	9213	9029	1.85	cps
Lithium	6-1	1267026	1283854	1259707	1270195	0.97	cps
Magnesium	24-2	29373	28772	29774	29306	1.72	cps
Manganese	55-2	2024	1917	1967	1969	2.71	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-20	Instrumnet Name :	P8
Client Sample ID :	XADP-58-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:49:26	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	433	342	225	333	31.33	cps
Molybdenum	95-1	158	233	233	208	20.78	cps
Molybdenum	96-1	183	242	217	214	13.68	cps
Molybdenum	97-1	125	75	158	119	35.12	cps
Molybdenum	98-1	242	233	192	222	12.05	cps
Neodymium	150-1	107	20	33	53	87.53	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	207	163	200	190	12.28	cps
Phosphorus	31-2	283	192	250	242	19.20	cps
Potassium	39-2	8736	9045	9203	8995	2.64	cps
Rhodium	103-1	7873385	7975188	7893214	7913929	0.68	cps
Rhodium	103-2	1929313	1935346	1945248	1936636	0.42	cps
Scandium	45-1	4866224	4850648	4836570	4851147	0.31	cps
Scandium	45-2	34807	34055	34486	34449	1.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	26	51	-51	9	584.25	cps
Silicon	28-1	3530888	3510656	3484543	3508696	0.66	cps
Silver	109-1	58	125	142	108	40.70	cps
Silver	107-1	125	83	67	92	32.78	cps
Sodium	23-2	607824	602061	596790	602225	0.92	cps
Strontium	86-1	47501	46907	47969	47459	1.12	cps
Strontium	88-1	411516	410855	407245	409872	0.56	cps
Sulfur	34-1	412094	412626	411844	412188	0.10	cps
Terbium	159-1	11182722	11190271	11081239	11151411	0.55	cps
Terbium	159-2	2039891	2059743	2000315	2033316	1.49	cps
Thallium	203-1	175	117	183	158	22.94	cps
Thallium	205-1	517	408	400	442	14.74	cps
Tin	118-1	608	758	625	664	12.38	cps
Titanium	47-1	417	583	342	447	27.66	cps
Uranium	238-1	242	283	233	253	10.60	cps
Vanadium	51-2	57	40	87	61	38.70	cps
Yttrium	89-1	8838118	8875009	8672624	8795250	1.23	cps
Yttrium	89-2	244129	241619	244804	243517	0.69	cps
Zinc	66-2	5528	5401	5628	5519	2.06	cps
Zirconium	90-1	717	617	558	631	12.70	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-20	Instrumnet Name :	P8
Client Sample ID :	XADP-58-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:49:26	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	192	100	156	31.39	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-21 Instrumnet Name : P8
 Client Sample ID : XADP-59-FL3-BRG-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:52:34 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	133	92	100	30.05	cps
Antimony	121-1	450	425	558	478	14.84	cps
Arsenic	75-2	31	24	35	30	18.72	cps
Barium	135-1	26536	27772	26945	27085	2.33	cps
Barium	137-1	46926	47737	47377	47347	0.86	cps
Beryllium	9-1	33	72	67	57	36.64	cps
Bismuth	209-1	7050078	7095736	6978897	7041570	0.84	cps
Bismuth	209-2	1526819	1576538	1647808	1583722	3.84	cps
Boron	10-1	733	658	867	753	14.02	cps
Boron	11-1	2884	3609	2900	3131	13.22	cps
Cadmium	111-1	1161	1184	1173	1173	0.98	cps
Cadmium	106-1	1592	1650	1625	1622	1.80	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	121246	121851	122052	121716	0.34	cps
Calcium	44-1	2043506	2054241	2011602	2036450	1.09	cps
Chromium	52-2	380	480	450	437	11.75	cps
Cobalt	59-2	43	30	70	48	42.63	cps
Copper	63-2	182779	183585	192182	186182	2.80	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	42	67	33	47	36.74	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	92	83	108	94	13.48	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	10921451	10874667	10794275	10863464	0.59	cps
Holmium	165-2	1963210	2067319	2110029	2046853	3.69	cps
Indium	115-1	8597102	8656481	8603503	8619029	0.38	cps
Indium	115-2	311148	322195	338100	323814	4.18	cps
Iron	56-2	10621	11664	10677	10987	5.34	cps
Iron	57-2	283	283	378	315	17.32	cps
Lead	206-1	4757	4534	4784	4692	2.92	cps
Lead	207-1	3817	4017	3990	3941	2.75	cps
Lead	208-1	18111	18117	18439	18222	1.03	cps
Lithium	6-1	1282519	1315201	1280060	1292593	1.52	cps
Magnesium	24-2	28354	28730	29173	28752	1.43	cps
Manganese	55-2	2907	2820	3084	2937	4.57	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-21	Instrumnet Name :	P8
Client Sample ID :	XADP-59-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:52:34	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	400	392	392	2.13	cps
Molybdenum	95-1	175	167	183	175	4.76	cps
Molybdenum	96-1	292	250	267	269	7.78	cps
Molybdenum	97-1	117	167	100	128	27.16	cps
Molybdenum	98-1	225	233	267	242	9.12	cps
Neodymium	150-1	40	13	60	38	61.98	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	1073	1053	1017	1048	2.74	cps
Phosphorus	31-2	192	250	325	256	26.15	cps
Potassium	39-2	8837	9045	9120	9001	1.63	cps
Rhodium	103-1	8015522	7918839	7876387	7936916	0.90	cps
Rhodium	103-2	1837043	1902559	1964700	1901434	3.36	cps
Scandium	45-1	4870854	4908125	4852656	4877212	0.58	cps
Scandium	45-2	32271	33243	34446	33320	3.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-58	38	-55	-25	-216.76	cps
Silicon	28-1	3649870	3481405	3467933	3533069	2.87	cps
Silver	109-1	133	50	92	92	45.46	cps
Silver	107-1	225	133	150	169	28.82	cps
Sodium	23-2	579314	586083	607611	591003	2.50	cps
Strontium	86-1	48194	48730	48838	48587	0.71	cps
Strontium	88-1	418621	417327	416775	417574	0.23	cps
Sulfur	34-1	411385	411790	405369	409515	0.88	cps
Terbium	159-1	11372656	11347383	11291951	11337330	0.36	cps
Terbium	159-2	1944141	2019958	2090077	2018059	3.62	cps
Thallium	203-1	117	192	217	175	29.74	cps
Thallium	205-1	325	433	242	333	28.83	cps
Tin	118-1	733	775	1083	864	22.13	cps
Titanium	47-1	692	525	417	545	25.47	cps
Uranium	238-1	225	183	167	192	15.68	cps
Vanadium	51-2	60	37	63	53	27.24	cps
Yttrium	89-1	8932583	8809048	8796608	8846080	0.85	cps
Yttrium	89-2	229836	235203	245090	236709	3.27	cps
Zinc	66-2	18402	18516	20238	19052	5.40	cps
Zirconium	90-1	833	750	667	750	11.11	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-21	Instrumnet Name :	P8
Client Sample ID :	XADP-59-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:52:34	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	83	125	106	19.87	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-22 Instrumnet Name : P8
 Client Sample ID : XADP-60-FL3-BRG-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 16:55:43 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	67	67	25.00	cps
Antimony	121-1	458	775	508	581	29.32	cps
Arsenic	75-2	39	44	43	42	6.74	cps
Barium	135-1	25459	26144	26995	26199	2.94	cps
Barium	137-1	46198	46324	44936	45820	1.68	cps
Beryllium	9-1	50	39	22	37	37.75	cps
Bismuth	209-1	7103544	7129254	7106717	7113172	0.20	cps
Bismuth	209-2	1796316	1815087	1769210	1793538	1.29	cps
Boron	10-1	642	667	800	703	12.11	cps
Boron	11-1	3000	3276	3534	3270	8.16	cps
Cadmium	111-1	1202	1284	1372	1286	6.61	cps
Cadmium	106-1	1717	1784	1925	1809	5.88	cps
Cadmium	108-1	29	8	13	17	66.16	cps
Calcium	43-1	122345	122709	122338	122464	0.17	cps
Calcium	44-1	2045345	2040987	2056105	2047479	0.38	cps
Chromium	52-2	463	467	490	473	3.07	cps
Cobalt	59-2	57	37	43	46	22.36	cps
Copper	63-2	193121	193558	193416	193365	0.12	cps
Dysprosium	156-1	17	33	58	36	58.07	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	117	117	100	111	8.66	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	11158011	10965585	11002550	11042049	0.92	cps
Holmium	165-2	2261237	2239375	2192066	2230893	1.58	cps
Indium	115-1	8729462	8668878	8726454	8708265	0.39	cps
Indium	115-2	354175	353661	347883	351906	0.99	cps
Iron	56-2	9682	8881	9210	9258	4.35	cps
Iron	57-2	239	306	211	252	19.27	cps
Lead	206-1	2584	2350	2528	2487	4.90	cps
Lead	207-1	2161	2111	2167	2147	1.43	cps
Lead	208-1	9880	9646	9768	9765	1.20	cps
Lithium	6-1	1313077	1295638	1286612	1298442	1.04	cps
Magnesium	24-2	30534	30642	30350	30509	0.48	cps
Manganese	55-2	2070	2090	2134	2098	1.54	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-22	Instrumnet Name :	P8
Client Sample ID :	XADP-60-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:55:43	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	358	433	353	23.66	cps
Molybdenum	95-1	250	192	100	181	41.88	cps
Molybdenum	96-1	233	200	200	211	9.11	cps
Molybdenum	97-1	108	158	100	122	25.81	cps
Molybdenum	98-1	275	258	267	267	3.12	cps
Neodymium	150-1	40	27	13	27	50.01	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	640	567	763	657	15.14	cps
Phosphorus	31-2	175	267	292	244	25.13	cps
Potassium	39-2	9195	9237	9695	9376	2.96	cps
Rhodium	103-1	8067685	7957697	8029336	8018239	0.70	cps
Rhodium	103-2	2097930	2077890	2025375	2067065	1.81	cps
Scandium	45-1	4940987	4955686	4944886	4947186	0.15	cps
Scandium	45-2	36979	36267	36133	36460	1.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-69	-24	81	-4	-1862.15	cps
Silicon	28-1	3584725	3502171	3501761	3529552	1.35	cps
Silver	109-1	150	92	100	114	27.70	cps
Silver	107-1	150	167	158	158	5.26	cps
Sodium	23-2	643143	637097	636647	638962	0.57	cps
Strontium	86-1	48688	47961	48044	48231	0.82	cps
Strontium	88-1	423865	422117	423071	423018	0.21	cps
Sulfur	34-1	407136	404272	400960	404123	0.76	cps
Terbium	159-1	11427881	11273942	11475950	11392591	0.93	cps
Terbium	159-2	2196426	2164808	2149735	2170323	1.10	cps
Thallium	203-1	158	200	150	169	15.81	cps
Thallium	205-1	425	308	367	367	15.91	cps
Tin	118-1	525	642	583	583	10.00	cps
Titanium	47-1	300	525	450	425	26.96	cps
Uranium	238-1	183	208	308	233	28.35	cps
Vanadium	51-2	63	70	60	64	7.90	cps
Yttrium	89-1	8924488	8758291	8907282	8863353	1.03	cps
Yttrium	89-2	259247	258765	256012	258008	0.68	cps
Zinc	66-2	6595	6528	6448	6524	1.13	cps
Zirconium	90-1	658	758	675	697	7.68	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-22	Instrumnet Name :	P8
Client Sample ID :	XADP-60-FL3-BRG-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:55:43	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	150	167	142	21.21	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-23	Instrumnet Name :	P8
Client Sample ID :	XADP-61-FL3-LAB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:58:49	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	208	175	197	9.76	cps
Antimony	121-1	3909	3384	3626	3640	7.22	cps
Arsenic	75-2	37	24	31	31	21.08	cps
Barium	135-1	38348	38256	38933	38512	0.95	cps
Barium	137-1	66677	66183	66141	66334	0.45	cps
Beryllium	9-1	39	28	56	41	34.32	cps
Bismuth	209-1	7236165	7176399	7209894	7207486	0.42	cps
Bismuth	209-2	1828000	1841427	1829198	1832875	0.41	cps
Boron	10-1	6727	6210	6827	6588	5.03	cps
Boron	11-1	29515	29114	30408	29679	2.23	cps
Cadmium	111-1	1743	1985	1981	1903	7.28	cps
Cadmium	106-1	1750	2059	2175	1995	11.01	cps
Cadmium	108-1	225	229	263	239	8.60	cps
Calcium	43-1	156674	156352	155200	156075	0.50	cps
Calcium	44-1	2637886	2619456	2578614	2611985	1.16	cps
Chromium	52-2	480	440	460	460	4.35	cps
Cobalt	59-2	470	463	530	488	7.53	cps
Copper	63-2	298529	294755	295053	296112	0.71	cps
Dysprosium	156-1	42	25	42	36	26.65	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	92	83	75	83	10.00	cps
Erbium	164-2	13	3	17	11	62.48	cps
Gadolinium	160-1	58	50	92	67	33.07	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	11178289	11167112	11075145	11140182	0.51	cps
Holmium	165-2	2284375	2279139	2249841	2271118	0.82	cps
Indium	115-1	8858769	8724438	8767149	8783452	0.78	cps
Indium	115-2	360322	355994	357876	358064	0.61	cps
Iron	56-2	12474942	12271385	12295975	12347434	0.90	cps
Iron	57-2	308558	305396	306265	306740	0.53	cps
Lead	206-1	1092257	1087398	1084469	1088041	0.36	cps
Lead	207-1	946384	945016	936002	942467	0.60	cps
Lead	208-1	4471330	4453234	4414027	4446197	0.66	cps
Lithium	6-1	1330902	1304420	1276121	1303814	2.10	cps
Magnesium	24-2	152527	152324	151769	152207	0.26	cps
Manganese	55-2	43117	43535	43197	43283	0.51	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-23	Instrumnet Name :	P8
Client Sample ID :	XADP-61-FL3-LAB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:58:49	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	367	467	442	14.98	cps
Molybdenum	95-1	150	200	175	175	14.28	cps
Molybdenum	96-1	467	458	442	456	2.79	cps
Molybdenum	97-1	167	100	117	128	27.15	cps
Molybdenum	98-1	225	258	300	261	14.39	cps
Neodymium	150-1	40	40	27	36	21.64	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	99791	98585	98129	98835	0.87	cps
Phosphorus	31-2	83	75	50	69	24.98	cps
Potassium	39-2	16269	16385	16694	16449	1.34	cps
Rhodium	103-1	8109410	8084855	8048116	8080793	0.38	cps
Rhodium	103-2	2088008	2091771	2107413	2095730	0.49	cps
Scandium	45-1	4940689	4908695	4944281	4931222	0.40	cps
Scandium	45-2	37654	37473	37410	37512	0.34	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-24	22	31	9	317.29	cps
Silicon	28-1	3282759	3275167	3266868	3274931	0.24	cps
Silver	109-1	67	83	50	67	25.00	cps
Silver	107-1	183	133	167	161	15.80	cps
Sodium	23-2	1171693	1155191	1168664	1165183	0.75	cps
Strontium	86-1	68673	66462	68414	67850	1.78	cps
Strontium	88-1	593405	585181	588752	589112	0.70	cps
Sulfur	34-1	438481	430365	438933	435926	1.11	cps
Terbium	159-1	11375088	11520671	11496129	11463963	0.68	cps
Terbium	159-2	2256474	2220395	2233561	2236810	0.82	cps
Thallium	203-1	267	358	267	297	17.81	cps
Thallium	205-1	617	733	658	669	8.83	cps
Tin	118-1	11889	11847	11981	11906	0.57	cps
Titanium	47-1	283	317	250	283	11.76	cps
Uranium	238-1	275	250	317	281	12.01	cps
Vanadium	51-2	30	23	27	27	12.51	cps
Yttrium	89-1	8998866	8949193	8952767	8966942	0.31	cps
Yttrium	89-2	263101	262258	261681	262347	0.27	cps
Zinc	66-2	694884	686595	686145	689208	0.71	cps
Zirconium	90-1	975	933	758	889	12.93	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-23	Instrumnet Name :	P8
Client Sample ID :	XADP-61-FL3-LAB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 16:58:49	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	192	208	225	19.60	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-24	Instrumnet Name :	P8
Client Sample ID :	XADP-62-FL3-LAB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:01:55	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	58	47	20.38	cps
Antimony	121-1	1617	1458	1500	1525	5.38	cps
Arsenic	75-2	6	15	13	11	44.06	cps
Barium	135-1	35131	32968	32007	33368	4.80	cps
Barium	137-1	58740	58915	56740	58132	2.08	cps
Beryllium	9-1	50	44	28	41	28.38	cps
Bismuth	209-1	6768752	7328922	6934457	7010710	4.10	cps
Bismuth	209-2	1671545	1758970	1737210	1722575	2.64	cps
Boron	10-1	942	908	792	881	8.95	cps
Boron	11-1	3892	3867	4084	3948	3.00	cps
Cadmium	111-1	1193	1146	1110	1150	3.60	cps
Cadmium	106-1	1659	1584	1525	1589	4.21	cps
Cadmium	108-1	8	29	17	18	58.09	cps
Calcium	43-1	128643	127995	120112	125584	3.78	cps
Calcium	44-1	2145723	2156636	2009678	2104013	3.89	cps
Chromium	52-2	397	387	433	406	6.06	cps
Cobalt	59-2	180	197	140	172	16.91	cps
Copper	63-2	343692	354689	356799	351727	2.00	cps
Dysprosium	156-1	42	17	25	28	45.82	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	58	50	33	47	26.97	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	67	50	58	58	14.29	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	10347860	11233720	10608298	10729960	4.24	cps
Holmium	165-2	2131887	2179638	2195145	2168890	1.52	cps
Indium	115-1	8326639	8837633	8385867	8516713	3.28	cps
Indium	115-2	335364	345988	344174	341842	1.66	cps
Iron	56-2	92779	94298	96100	94392	1.76	cps
Iron	57-2	2339	2578	2250	2389	7.10	cps
Lead	206-1	34419	34274	33322	34005	1.75	cps
Lead	207-1	29958	29841	28293	29364	3.16	cps
Lead	208-1	138219	137444	129910	135191	3.40	cps
Lithium	6-1	1206074	1310584	1227307	1247989	4.43	cps
Magnesium	24-2	39064	38545	37943	38517	1.46	cps
Manganese	55-2	1823	1777	1927	1842	4.17	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-24	Instrumnet Name :	P8
Client Sample ID :	XADP-62-FL3-LAB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:01:55	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	308	250	308	18.92	cps
Molybdenum	95-1	167	117	117	133	21.65	cps
Molybdenum	96-1	133	317	275	242	39.77	cps
Molybdenum	97-1	150	133	58	114	42.87	cps
Molybdenum	98-1	317	208	158	228	35.54	cps
Neodymium	150-1	7	7	33	16	98.94	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3994	4181	4394	4190	4.78	cps
Phosphorus	31-2	58	50	83	64	27.15	cps
Potassium	39-2	10821	10988	10821	10877	0.89	cps
Rhodium	103-1	7529087	8100518	7787267	7805624	3.67	cps
Rhodium	103-2	1972001	2012507	2024654	2003054	1.38	cps
Scandium	45-1	4673782	4957772	4721735	4784429	3.18	cps
Scandium	45-2	34840	35859	35979	35560	1.76	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	9	0	4	107.89	cps
Selenium	82-1	-4	25	-7	5	367.23	cps
Silicon	28-1	3017746	3007667	2885410	2970274	2.48	cps
Silver	109-1	100	133	75	103	28.48	cps
Silver	107-1	167	83	108	119	35.80	cps
Sodium	23-2	656385	679157	668349	667964	1.71	cps
Strontium	86-1	54100	53607	50327	52678	3.89	cps
Strontium	88-1	466791	462539	434347	454559	3.88	cps
Sulfur	34-1	406870	403732	399058	403220	0.97	cps
Terbium	159-1	10839342	11560701	10990957	11130334	3.42	cps
Terbium	159-2	2094883	2144421	2132596	2123967	1.22	cps
Thallium	203-1	200	200	267	222	17.32	cps
Thallium	205-1	442	392	425	419	6.07	cps
Tin	118-1	2750	2492	2450	2564	6.34	cps
Titanium	47-1	250	217	233	233	7.14	cps
Uranium	238-1	167	183	175	175	4.76	cps
Vanadium	51-2	17	17	13	16	12.40	cps
Yttrium	89-1	8452282	8988447	8556589	8665773	3.28	cps
Yttrium	89-2	246691	253081	252779	250850	1.44	cps
Zinc	66-2	25467	26946	25657	26023	3.09	cps
Zirconium	90-1	525	533	500	519	3.34	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-24	Instrumnet Name :	P8
Client Sample ID :	XADP-62-FL3-LAB-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:01:55	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	142	67	108	35.25	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5987-25 Instrumnet Name : P8
 Client Sample ID : XADP-63-FL3-LAB-W3-F Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:05:02 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	200	250	217	13.32	cps
Antimony	121-1	1925	1750	2009	1895	6.96	cps
Arsenic	75-2	28	24	30	27	10.42	cps
Barium	135-1	39836	39551	39502	39630	0.45	cps
Barium	137-1	68135	68570	68980	68562	0.62	cps
Beryllium	9-1	44	44	33	41	15.76	cps
Bismuth	209-1	7414712	7183798	6661677	7086729	5.44	cps
Bismuth	209-2	1852179	1863555	1859816	1858517	0.31	cps
Boron	10-1	4676	4693	5143	4837	5.48	cps
Boron	11-1	22811	23336	23687	23278	1.90	cps
Cadmium	111-1	1441	1557	1440	1479	4.55	cps
Cadmium	106-1	1759	1909	1725	1797	5.44	cps
Cadmium	108-1	117	83	79	93	22.09	cps
Calcium	43-1	145961	143815	146306	145360	0.93	cps
Calcium	44-1	2429715	2413217	2445726	2429553	0.67	cps
Chromium	52-2	443	410	397	417	5.77	cps
Cobalt	59-2	627	690	740	686	8.29	cps
Copper	63-2	825885	811686	821154	819575	0.88	cps
Dysprosium	156-1	92	75	100	89	14.33	cps
Dysprosium	156-2	17	20	17	18	10.81	cps
Erbium	164-1	58	125	92	92	36.36	cps
Erbium	164-2	17	7	23	16	53.90	cps
Gadolinium	160-1	158	158	117	144	16.66	cps
Gadolinium	160-2	60	13	17	30	86.78	cps
Holmium	165-1	11320750	11283277	10219458	10941162	5.72	cps
Holmium	165-2	2330462	2317939	2298176	2315526	0.70	cps
Indium	115-1	9107237	8895595	7999341	8667391	6.79	cps
Indium	115-2	361865	364801	364060	363575	0.42	cps
Iron	56-2	2079343	2084233	2123227	2095601	1.15	cps
Iron	57-2	50230	50526	50632	50462	0.41	cps
Lead	206-1	111464	112404	109715	111194	1.23	cps
Lead	207-1	93470	93543	93363	93458	0.10	cps
Lead	208-1	433016	435764	432738	433839	0.39	cps
Lithium	6-1	1342074	1318310	1192990	1284458	6.24	cps
Magnesium	24-2	110081	108436	109713	109410	0.79	cps
Manganese	55-2	19888	19023	19597	19503	2.26	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-25	Instrumnet Name :	P8
Client Sample ID :	XADP-63-FL3-LAB-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	583	492	392	489	19.61	cps
Molybdenum	95-1	350	267	308	308	13.51	cps
Molybdenum	96-1	400	467	442	436	7.72	cps
Molybdenum	97-1	125	158	208	164	25.59	cps
Molybdenum	98-1	433	475	383	431	10.66	cps
Neodymium	150-1	140	113	60	104	39.00	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	16924	17157	16730	16937	1.26	cps
Phosphorus	31-2	175	192	83	150	38.89	cps
Potassium	39-2	13691	12540	13081	13104	4.39	cps
Rhodium	103-1	8254205	8202041	7442365	7966204	5.70	cps
Rhodium	103-2	2133054	2127577	2115869	2125500	0.41	cps
Scandium	45-1	5088438	5041660	4557542	4895880	6.00	cps
Scandium	45-2	38373	37193	38533	38033	1.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	25	78	10	38	94.05	cps
Silicon	28-1	2733865	2722081	2738269	2731405	0.31	cps
Silver	109-1	100	125	92	106	16.44	cps
Silver	107-1	208	133	167	169	22.18	cps
Sodium	23-2	946894	943343	944888	945042	0.19	cps
Strontium	86-1	61431	60953	62125	61503	0.96	cps
Strontium	88-1	538365	534135	530463	534321	0.74	cps
Sulfur	34-1	427747	431847	426613	428736	0.64	cps
Terbium	159-1	11800973	11717159	10593454	11370529	5.93	cps
Terbium	159-2	2254488	2250432	2267129	2257350	0.39	cps
Thallium	203-1	258	233	233	242	5.97	cps
Thallium	205-1	583	575	717	625	12.72	cps
Tin	118-1	16194	15910	16102	16069	0.90	cps
Titanium	47-1	608	617	658	628	4.26	cps
Uranium	238-1	483	475	383	447	12.40	cps
Vanadium	51-2	57	57	43	52	14.75	cps
Yttrium	89-1	9233631	9183518	8277326	8898158	6.05	cps
Yttrium	89-2	266055	266711	268335	267034	0.44	cps
Zinc	66-2	197660	194723	196142	196175	0.75	cps
Zirconium	90-1	925	867	883	892	3.37	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-25	Instrumnet Name :	P8
Client Sample ID :	XADP-63-FL3-LAB-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	92	233	172	42.28	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-26	Instrumnet Name :	P8
Client Sample ID :	XADP-64-FL3-LAB-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:08:10	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	100	142	114	21.12	cps
Antimony	121-1	533	700	567	600	14.70	cps
Arsenic	75-2	37	41	24	34	25.79	cps
Barium	135-1	26060	27488	28532	27360	4.53	cps
Barium	137-1	44744	49594	51092	48476	6.85	cps
Beryllium	9-1	50	89	72	70	27.73	cps
Bismuth	209-1	6562399	7079697	7195892	6945996	4.86	cps
Bismuth	209-2	1886319	1830991	1840853	1852721	1.59	cps
Boron	10-1	1033	1258	1067	1120	10.85	cps
Boron	11-1	4843	5134	4843	4940	3.41	cps
Cadmium	111-1	1122	1227	988	1112	10.76	cps
Cadmium	106-1	1575	1692	1367	1545	10.66	cps
Cadmium	108-1	8	17	21	15	41.67	cps
Calcium	43-1	111466	119749	122069	117762	4.73	cps
Calcium	44-1	1857391	2007805	2038535	1967911	4.93	cps
Chromium	52-2	387	500	420	436	13.37	cps
Cobalt	59-2	80	77	100	86	14.75	cps
Copper	63-2	396427	391656	393493	393859	0.61	cps
Dysprosium	156-1	42	25	8	25	66.68	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	25	108	25	53	91.16	cps
Erbium	164-2	13	20	23	19	26.96	cps
Gadolinium	160-1	142	108	92	114	22.35	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	10185165	10765394	10971858	10640806	3.83	cps
Holmium	165-2	2297713	2297484	2284196	2293131	0.34	cps
Indium	115-1	8009870	8659565	8799670	8489702	4.96	cps
Indium	115-2	361400	361251	360580	361077	0.12	cps
Iron	56-2	151010	142749	151408	148389	3.29	cps
Iron	57-2	3706	3523	3990	3740	6.29	cps
Lead	206-1	27274	28065	29156	28165	3.36	cps
Lead	207-1	22359	24201	24480	23680	4.87	cps
Lead	208-1	105317	111683	113550	110183	3.92	cps
Lithium	6-1	1193172	1272288	1316765	1260742	4.97	cps
Magnesium	24-2	38578	38453	37976	38336	0.83	cps
Manganese	55-2	5021	4844	4828	4898	2.19	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-26	Instrumnet Name :	P8
Client Sample ID :	XADP-64-FL3-LAB-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:08:10	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	350	350	358	353	1.36	cps
Molybdenum	95-1	275	150	225	217	29.04	cps
Molybdenum	96-1	133	208	258	200	31.46	cps
Molybdenum	97-1	167	192	133	164	17.86	cps
Molybdenum	98-1	208	267	267	247	13.62	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	2417	2397	2467	2427	1.49	cps
Phosphorus	31-2	300	192	175	222	30.54	cps
Potassium	39-2	9629	9812	9537	9659	1.45	cps
Rhodium	103-1	7473153	7832035	8057122	7787436	3.78	cps
Rhodium	103-2	2151858	2106073	2111015	2122982	1.18	cps
Scandium	45-1	4519250	4844758	4925837	4763282	4.52	cps
Scandium	45-2	37771	38202	38115	38029	0.60	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	0	7	2	173.21	cps
Selenium	82-1	6	-74	26	-14	-374.85	cps
Silicon	28-1	3185430	3319155	3740773	3415119	8.49	cps
Silver	109-1	125	125	117	122	3.94	cps
Silver	107-1	158	150	125	144	12.01	cps
Sodium	23-2	671199	680574	680731	677501	0.81	cps
Strontium	86-1	45084	48730	50921	48245	6.11	cps
Strontium	88-1	388831	420365	429939	413045	5.21	cps
Sulfur	34-1	393744	396341	402798	397628	1.17	cps
Terbium	159-1	10534880	11254593	11342933	11044135	4.01	cps
Terbium	159-2	2237987	2255791	2230068	2241282	0.59	cps
Thallium	203-1	175	208	92	158	37.95	cps
Thallium	205-1	425	508	408	447	11.98	cps
Tin	118-1	6343	7052	7444	6947	8.03	cps
Titanium	47-1	608	350	433	464	28.43	cps
Uranium	238-1	258	292	267	272	6.37	cps
Vanadium	51-2	47	33	53	44	22.92	cps
Yttrium	89-1	8157199	8705346	8818667	8560404	4.13	cps
Yttrium	89-2	264455	264401	261788	263548	0.58	cps
Zinc	66-2	26355	26545	26222	26374	0.62	cps
Zirconium	90-1	708	783	758	750	5.09	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5987-26	Instrumnet Name :	P8
Client Sample ID :	XADP-64-FL3-LAB-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:08:10	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	158	158	147	13.07	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:11:16	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	42	67	42	50	28.87	cps
Arsenic	75-2	2	6	2	3	69.39	cps
Barium	135-1	25	25	42	31	31.50	cps
Barium	137-1	17	67	58	47	56.72	cps
Beryllium	9-1	61	44	56	54	15.80	cps
Bismuth	209-1	6767991	6747807	6780892	6765563	0.25	cps
Bismuth	209-2	1650661	1646335	1656256	1651084	0.30	cps
Boron	10-1	333	392	358	361	8.10	cps
Boron	11-1	1283	1417	1350	1350	4.94	cps
Cadmium	111-1	1357	1255	1068	1227	11.97	cps
Cadmium	106-1	1925	1775	1534	1745	11.33	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	1075	1117	1258	1150	8.36	cps
Calcium	44-1	16068	17470	16827	16788	4.18	cps
Chromium	52-2	340	390	327	352	9.48	cps
Cobalt	59-2	40	17	40	32	41.80	cps
Copper	63-2	190	123	127	147	25.61	cps
Dysprosium	156-1	17	33	17	22	43.30	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	67	42	52.92	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	67	50	42	53	24.12	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	10469062	10382860	10282058	10377993	0.90	cps
Holmium	165-2	2135348	2123509	2121157	2126671	0.36	cps
Indium	115-1	8209917	8220164	8329063	8253048	0.80	cps
Indium	115-2	338908	331360	334356	334875	1.13	cps
Iron	56-2	1061	1000	1022	1028	3.01	cps
Iron	57-2	33	39	44	39	14.30	cps
Lead	206-1	2808837	2759681	2815091	2794536	1.09	cps
Lead	207-1	2582814	2564899	2563506	2570406	0.42	cps
Lead	208-1	11431968	11367764	11425753	11408495	0.31	cps
Lithium	6-1	1216708	1219622	1237198	1224509	0.91	cps
Magnesium	24-2	83	67	42	64	32.83	cps
Manganese	55-2	17	33	23	24	34.31	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:11:16	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	167	208	214	23.49	cps
Molybdenum	95-1	8	67	17	31	103.26	cps
Molybdenum	96-1	58	100	58	72	33.31	cps
Molybdenum	97-1	67	67	42	58	24.74	cps
Molybdenum	98-1	42	42	92	58	49.48	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	67	90	73	19.81	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2250	2392	2159	2267	5.19	cps
Rhodium	103-1	7677081	7553652	7725931	7652221	1.16	cps
Rhodium	103-2	1984990	1969310	1987443	1980581	0.50	cps
Scandium	45-1	4678718	4662887	4631761	4657789	0.51	cps
Scandium	45-2	35187	35117	35271	35192	0.22	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-80	-7	-83	-57	-75.87	cps
Silicon	28-1	361829	361447	360925	361400	0.13	cps
Silver	109-1	58	33	50	47	26.97	cps
Silver	107-1	108	100	75	94	18.37	cps
Sodium	23-2	7552	7527	7719	7600	1.37	cps
Strontium	86-1	433	542	492	489	11.09	cps
Strontium	88-1	300	250	258	269	9.94	cps
Sulfur	34-1	378039	371458	375108	374868	0.88	cps
Terbium	159-1	10750599	10786834	10663317	10733583	0.59	cps
Terbium	159-2	2058451	2070161	2093574	2074062	0.86	cps
Thallium	203-1	175	158	192	175	9.53	cps
Thallium	205-1	600	475	517	531	12.00	cps
Tin	118-1	367	508	475	450	16.46	cps
Titanium	47-1	175	117	125	139	22.72	cps
Uranium	238-1	67	100	67	78	24.74	cps
Vanadium	51-2	10	3	3	6	69.34	cps
Yttrium	89-1	8389699	8436746	8458922	8428455	0.42	cps
Yttrium	89-2	246894	243558	246615	245689	0.75	cps
Zinc	66-2	73	67	90	77	15.68	cps
Zirconium	90-1	458	400	542	467	15.26	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:11:16	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	100	100	122	31.49	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : CCB84 Instrumnet Name : P8
 Client Sample ID : CCB84 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:14:23 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	25	11	114.58	cps
Antimony	121-1	58	33	50	47	26.97	cps
Arsenic	75-2	2	0	6	2	114.63	cps
Barium	135-1	25	25	17	22	21.64	cps
Barium	137-1	17	50	67	44	57.28	cps
Beryllium	9-1	22	61	50	44	45.07	cps
Bismuth	209-1	6140305	6804997	6764174	6569825	5.67	cps
Bismuth	209-2	1651919	1723661	1697053	1690878	2.14	cps
Boron	10-1	175	200	233	203	14.43	cps
Boron	11-1	1092	958	1067	1039	6.82	cps
Cadmium	111-1	942	1126	1148	1072	10.53	cps
Cadmium	106-1	1350	1617	1642	1536	10.52	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	1333	1317	1242	1297	3.76	cps
Calcium	44-1	16018	16027	14683	15576	4.96	cps
Chromium	52-2	523	527	583	544	6.19	cps
Cobalt	59-2	60	33	43	46	29.58	cps
Copper	63-2	123	150	140	138	9.77	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	67	33	8	36	81.06	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	67	50	100	72	35.26	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	9330793	10371131	10424530	10042151	6.14	cps
Holmium	165-2	2152399	2162452	2145083	2153311	0.40	cps
Indium	115-1	7455465	8221640	8193206	7956770	5.46	cps
Indium	115-2	337719	337377	339007	338034	0.25	cps
Iron	56-2	1006	1011	1061	1026	2.98	cps
Iron	57-2	17	33	56	35	55.45	cps
Lead	206-1	722	611	633	656	8.97	cps
Lead	207-1	628	583	567	593	5.33	cps
Lead	208-1	2561	2722	2472	2585	4.90	cps
Lithium	6-1	1122157	1254707	1237345	1204736	5.98	cps
Magnesium	24-2	58	67	58	61	7.87	cps
Manganese	55-2	13	20	13	16	24.76	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:14:23	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	125	200	153	26.91	cps
Molybdenum	95-1	33	25	25	28	17.31	cps
Molybdenum	96-1	58	50	58	56	8.67	cps
Molybdenum	97-1	75	67	25	56	48.22	cps
Molybdenum	98-1	8	8	25	14	69.31	cps
Neodymium	150-1	20	40	27	29	35.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	50	53	60	24.22	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2450	2475	2184	2370	6.82	cps
Rhodium	103-1	6847636	7683220	7658883	7396580	6.43	cps
Rhodium	103-2	1992354	1988115	1990705	1990391	0.11	cps
Scandium	45-1	4192780	4699971	4664666	4519139	6.27	cps
Scandium	45-2	35796	35859	35786	35814	0.11	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	-44	55	-31	-7	-819.49	cps
Silicon	28-1	361724	356024	353554	357101	1.17	cps
Silver	109-1	17	83	58	53	63.81	cps
Silver	107-1	92	67	67	75	19.24	cps
Sodium	23-2	7427	7694	7402	7508	2.15	cps
Strontium	86-1	658	558	633	617	8.44	cps
Strontium	88-1	167	275	250	231	24.60	cps
Sulfur	34-1	376036	380966	382608	379870	0.90	cps
Terbium	159-1	9628126	10886692	10651864	10388894	6.44	cps
Terbium	159-2	2090114	2103900	2109604	2101206	0.48	cps
Thallium	203-1	158	158	225	181	21.32	cps
Thallium	205-1	333	408	392	378	10.43	cps
Tin	118-1	675	683	808	722	10.34	cps
Titanium	47-1	167	158	183	169	7.51	cps
Uranium	238-1	25	33	25	28	17.31	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Yttrium	89-1	7652916	8540380	8414999	8202765	5.86	cps
Yttrium	89-2	247686	247243	247777	247569	0.12	cps
Zinc	66-2	40	87	70	66	36.08	cps
Zirconium	90-1	508	392	375	425	17.09	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:14:23	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	92	183	125	40.55	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103520BL	Instrumnet Name :	P8
Client Sample ID :	PB103520BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:20:29	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	17	8	100.02	cps
Antimony	121-1	25	67	25	39	61.86	cps
Arsenic	75-2	2	0	0	1	173.21	cps
Barium	135-1	0	17	42	19	107.85	cps
Barium	137-1	58	17	8	28	96.44	cps
Beryllium	9-1	28	44	33	35	24.12	cps
Bismuth	209-1	6616498	6552764	6610469	6593244	0.53	cps
Bismuth	209-2	1600550	1603103	1614199	1605951	0.45	cps
Boron	10-1	75	192	142	136	43.01	cps
Boron	11-1	708	725	667	700	4.29	cps
Cadmium	111-1	981	1031	1206	1073	11.02	cps
Cadmium	106-1	1392	1475	1717	1528	11.05	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	1317	1292	1250	1286	2.62	cps
Calcium	44-1	15359	15167	15359	15295	0.72	cps
Chromium	52-2	573	480	663	572	16.02	cps
Cobalt	59-2	33	63	43	47	32.74	cps
Copper	63-2	107	117	150	124	18.23	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	17	33	42	72.10	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	100	67	50	72	35.25	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	10129822	10216112	10174253	10173396	0.42	cps
Holmium	165-2	2099478	2091356	2091914	2094250	0.22	cps
Indium	115-1	7966330	8058676	7975183	8000063	0.64	cps
Indium	115-2	329128	328210	329948	329095	0.26	cps
Iron	56-2	1006	1011	917	978	5.42	cps
Iron	57-2	39	33	17	30	39.02	cps
Lead	206-1	578	572	533	561	4.32	cps
Lead	207-1	500	411	333	415	20.10	cps
Lead	208-1	2195	2261	2033	2163	5.41	cps
Lithium	6-1	1191964	1203084	1206711	1200586	0.64	cps
Magnesium	24-2	92	117	92	100	14.43	cps
Manganese	55-2	17	10	10	12	31.50	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103520BL	Instrumnet Name :	P8
Client Sample ID :	PB103520BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:20:29	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	183	142	183	169	14.20	cps
Molybdenum	95-1	50	42	17	36	48.03	cps
Molybdenum	96-1	117	58	67	81	39.16	cps
Molybdenum	97-1	92	0	67	53	89.78	cps
Molybdenum	98-1	33	33	17	28	34.63	cps
Neodymium	150-1	20	0	20	13	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	53	67	57	59	11.79	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2292	2159	2392	2281	5.13	cps
Rhodium	103-1	7452451	7465404	7424178	7447344	0.28	cps
Rhodium	103-2	1926567	1934118	1948240	1936308	0.57	cps
Scandium	45-1	4588575	4581144	4538562	4569427	0.59	cps
Scandium	45-2	34592	34800	35017	34803	0.61	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-8	-101	13	-32	-190.03	cps
Silicon	28-1	347757	353187	349169	350038	0.80	cps
Silver	109-1	42	25	75	47	53.91	cps
Silver	107-1	108	117	67	97	27.55	cps
Sodium	23-2	7552	7477	7827	7619	2.42	cps
Strontium	86-1	500	425	417	447	10.26	cps
Strontium	88-1	175	200	200	192	7.53	cps
Sulfur	34-1	373563	373445	371856	372955	0.26	cps
Terbium	159-1	10662848	10590651	10486996	10580165	0.84	cps
Terbium	159-2	2039034	2024382	2028289	2030568	0.37	cps
Thallium	203-1	233	75	100	136	62.54	cps
Thallium	205-1	225	317	208	250	23.33	cps
Tin	118-1	717	575	492	594	19.14	cps
Titanium	47-1	125	233	133	164	36.78	cps
Uranium	238-1	75	17	33	42	72.11	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	8238130	8232691	8139896	8203572	0.67	cps
Yttrium	89-2	240076	242102	241517	241232	0.43	cps
Zinc	66-2	60	47	63	57	15.56	cps
Zirconium	90-1	375	350	433	386	11.08	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103520BL	Instrumnet Name :	P8
Client Sample ID :	PB103520BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:20:29	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	125	108	111	11.46	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103520BS	Instrumnet Name :	P8
Client Sample ID :	PB103520BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:23:36	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	8	14	69.31	cps
Antimony	121-1	67	8	33	36	81.06	cps
Arsenic	75-2	0	2	4	2	100.00	cps
Barium	135-1	75	25	50	50	50.00	cps
Barium	137-1	67	67	67	67	0.00	cps
Beryllium	9-1	50	67	28	48	40.52	cps
Bismuth	209-1	6566344	6644432	6604182	6604986	0.59	cps
Bismuth	209-2	1611218	1612883	1604523	1609541	0.27	cps
Boron	10-1	200	142	175	172	16.99	cps
Boron	11-1	783	617	625	675	13.91	cps
Cadmium	111-1	1031	1005	911	982	6.40	cps
Cadmium	106-1	1467	1433	1317	1406	5.60	cps
Cadmium	108-1	0	4	21	8	132.26	cps
Calcium	43-1	1250	1383	1342	1325	5.15	cps
Calcium	44-1	16410	16761	17028	16733	1.85	cps
Chromium	52-2	443	463	483	463	4.32	cps
Cobalt	59-2	47	73	40	53	33.07	cps
Copper	63-2	110	143	93	116	22.03	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	17	33	92	47	83.40	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Holmium	165-1	10013116	10110660	10162039	10095271	0.75	cps
Holmium	165-2	2101250	2072388	2042040	2071893	1.43	cps
Indium	115-1	8091881	7936463	7942891	7990412	1.10	cps
Indium	115-2	328671	327224	327019	327638	0.27	cps
Iron	56-2	1311	1283	1256	1283	2.16	cps
Iron	57-2	33	33	33	33	0.00	cps
Lead	206-1	2690519	2715074	2682802	2696131	0.63	cps
Lead	207-1	2485306	2497177	2498356	2493613	0.29	cps
Lead	208-1	11069728	11074498	11060149	11068125	0.07	cps
Lithium	6-1	1168470	1179998	1174474	1174314	0.49	cps
Magnesium	24-2	117	58	108	94	33.40	cps
Manganese	55-2	27	20	33	27	24.99	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103520BS	Instrumnet Name :	P8
Client Sample ID :	PB103520BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:23:36	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	133	267	183	39.63	cps
Molybdenum	95-1	58	83	83	75	19.24	cps
Molybdenum	96-1	108	100	92	100	8.33	cps
Molybdenum	97-1	58	92	83	78	22.30	cps
Molybdenum	98-1	33	33	83	50	57.75	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	93	60	77	21.74	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	2209	2167	2234	2203	1.53	cps
Rhodium	103-1	7419566	7412368	7462963	7431632	0.37	cps
Rhodium	103-2	1946697	1929606	1927075	1934460	0.55	cps
Scandium	45-1	4487962	4475578	4535770	4499770	0.71	cps
Scandium	45-2	33968	34616	34740	34441	1.20	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	61	24	-75	3	2048.20	cps
Silicon	28-1	354496	354689	351463	353549	0.51	cps
Silver	109-1	25	25	67	39	61.86	cps
Silver	107-1	58	92	33	61	47.89	cps
Sodium	23-2	7461	7719	7527	7569	1.77	cps
Strontium	86-1	433	417	658	503	26.85	cps
Strontium	88-1	283	292	300	292	2.86	cps
Sulfur	34-1	371113	370708	369931	370584	0.16	cps
Terbium	159-1	10453554	10341577	10493017	10429383	0.75	cps
Terbium	159-2	2062090	2044590	2041216	2049299	0.55	cps
Thallium	203-1	133	58	142	111	41.31	cps
Thallium	205-1	242	450	258	317	36.56	cps
Tin	118-1	408	350	542	433	22.67	cps
Titanium	47-1	167	175	175	172	2.79	cps
Uranium	238-1	33	50	50	44	21.66	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	8133246	8218249	8184570	8178688	0.52	cps
Yttrium	89-2	241185	240900	241252	241112	0.08	cps
Zinc	66-2	100	80	100	93	12.37	cps
Zirconium	90-1	458	483	400	447	9.56	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	PB103520BS	Instrumnet Name :	P8
Client Sample ID :	PB103520BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:23:36	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	150	92	114	27.70	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-01	Instrumnet Name :	P8
Client Sample ID :	XADI-109-FL3-CL301P-V	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:26:44	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	42	36	26.65	cps
Antimony	121-1	683	683	608	658	6.58	cps
Arsenic	75-2	33	43	22	33	31.18	cps
Barium	135-1	28190	28732	26302	27741	4.60	cps
Barium	137-1	49025	48958	45003	47662	4.83	cps
Beryllium	9-1	22	56	44	41	41.67	cps
Bismuth	209-1	6628030	6962964	6363598	6651531	4.52	cps
Bismuth	209-2	1535890	1541809	1638583	1572094	3.67	cps
Boron	10-1	525	692	625	614	13.66	cps
Boron	11-1	2592	2617	3009	2739	8.53	cps
Cadmium	111-1	1154	1218	1071	1148	6.39	cps
Cadmium	106-1	1483	1592	1392	1489	6.72	cps
Cadmium	108-1	38	25	46	36	29.03	cps
Calcium	43-1	121616	118498	111433	117182	4.45	cps
Calcium	44-1	2001515	2034245	1864175	1966645	4.59	cps
Chromium	52-2	353	417	410	393	8.85	cps
Cobalt	59-2	77	77	110	88	21.92	cps
Copper	63-2	365318	361837	385012	370722	3.37	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	67	33	53	32.88	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	58	75	117	83	36.05	cps
Gadolinium	160-2	30	7	17	18	65.83	cps
Holmium	165-1	10119407	10540320	9725730	10128486	4.02	cps
Holmium	165-2	2010118	2002195	2120486	2044266	3.23	cps
Indium	115-1	8055407	8480695	7747815	8094639	4.55	cps
Indium	115-2	312709	315500	335599	321269	3.89	cps
Iron	56-2	16444	15893	17066	16468	3.57	cps
Iron	57-2	372	350	417	380	8.94	cps
Lead	206-1	11172	10594	10210	10658	4.54	cps
Lead	207-1	9298	9315	8531	9048	4.95	cps
Lead	208-1	42824	42624	39392	41613	4.63	cps
Lithium	6-1	1187999	1260572	1168552	1205708	4.02	cps
Magnesium	24-2	28772	28880	29657	29103	1.66	cps
Manganese	55-2	953	967	1017	979	3.41	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-01	Instrumnet Name :	P8
Client Sample ID :	XADI-109-FL3-CL301P-V	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:26:44	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	333	350	336	3.79	cps
Molybdenum	95-1	158	183	192	178	9.76	cps
Molybdenum	96-1	634	142	217	331	80.22	cps
Molybdenum	97-1	75	167	100	114	41.61	cps
Molybdenum	98-1	267	292	158	239	29.67	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	4691	4424	4771	4629	3.92	cps
Phosphorus	31-2	175	167	233	192	18.95	cps
Potassium	39-2	8553	8228	8812	8531	3.43	cps
Rhodium	103-1	7498102	7813099	7183625	7498275	4.20	cps
Rhodium	103-2	1841326	1842662	1951522	1878503	3.37	cps
Scandium	45-1	4598184	4754546	4432144	4594958	3.51	cps
Scandium	45-2	32705	33113	34927	33581	3.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-46	-48	-32	-42	-20.60	cps
Silicon	28-1	3437281	3390371	3153518	3327057	4.57	cps
Silver	109-1	208	192	200	200	4.17	cps
Silver	107-1	250	225	225	233	6.19	cps
Sodium	23-2	533218	522621	559676	538505	3.54	cps
Strontium	86-1	49122	49072	44984	47726	4.98	cps
Strontium	88-1	431085	421714	389515	414104	5.27	cps
Sulfur	34-1	395483	397456	388907	393948	1.14	cps
Terbium	159-1	10593661	11079494	10123328	10598828	4.51	cps
Terbium	159-2	1949470	1948514	2071261	1989748	3.55	cps
Thallium	203-1	208	183	117	169	27.97	cps
Thallium	205-1	417	433	350	400	11.02	cps
Tin	118-1	983	867	883	911	6.93	cps
Titanium	47-1	408	333	1387	710	82.86	cps
Uranium	238-1	192	175	142	169	15.03	cps
Vanadium	51-2	47	37	40	41	12.39	cps
Yttrium	89-1	8167735	8681911	7943848	8264498	4.58	cps
Yttrium	89-2	231091	229525	245180	235265	3.66	cps
Zinc	66-2	50235	50234	53459	51309	3.63	cps
Zirconium	90-1	675	608	683	656	6.27	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-01	Instrumnet Name :	P8
Client Sample ID :	XADI-109-FL3-CL301P-V	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:26:44	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	142	142	142	0.00	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-02	Instrumnet Name :	P8
Client Sample ID :	XADI-110-FL3-CL301P-V	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:29:51	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	25	42	44	47.19	cps
Antimony	121-1	592	542	600	578	5.46	cps
Arsenic	75-2	33	19	44	32	40.51	cps
Barium	135-1	29242	28590	28448	28760	1.47	cps
Barium	137-1	50497	50665	50372	50511	0.29	cps
Beryllium	9-1	28	22	28	26	12.38	cps
Bismuth	209-1	7039061	7221308	7189827	7150065	1.36	cps
Bismuth	209-2	1863297	1825641	1876340	1855093	1.42	cps
Boron	10-1	583	533	650	589	9.94	cps
Boron	11-1	2850	2817	2892	2853	1.32	cps
Cadmium	111-1	1109	1263	1201	1191	6.51	cps
Cadmium	106-1	1534	1775	1675	1661	7.31	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Calcium	43-1	124473	120220	120429	121707	1.97	cps
Calcium	44-1	2065298	2026379	2052206	2047961	0.97	cps
Chromium	52-2	407	397	357	387	6.84	cps
Cobalt	59-2	80	50	33	54	43.44	cps
Copper	63-2	569245	569567	566460	568424	0.30	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	3	17	13	11	62.48	cps
Gadolinium	160-1	133	83	50	89	47.19	cps
Gadolinium	160-2	20	7	30	19	61.96	cps
Holmium	165-1	10826094	11085979	11098901	11003658	1.40	cps
Holmium	165-2	2293390	2279946	2267894	2280410	0.56	cps
Indium	115-1	8582680	8866870	8763491	8737680	1.65	cps
Indium	115-2	359591	360356	362468	360805	0.41	cps
Iron	56-2	21264	20689	20816	20923	1.44	cps
Iron	57-2	517	550	461	509	8.82	cps
Lead	206-1	4123	3795	4006	3975	4.18	cps
Lead	207-1	3289	3662	3462	3471	5.37	cps
Lead	208-1	15621	15693	15721	15678	0.33	cps
Lithium	6-1	1267696	1301606	1277675	1282326	1.36	cps
Magnesium	24-2	32455	31770	31862	32029	1.16	cps
Manganese	55-2	1793	1790	1713	1766	2.56	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-02	Instrumnet Name :	P8
Client Sample ID :	XADI-110-FL3-CL301P-V	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:29:51	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	375	267	328	16.93	cps
Molybdenum	95-1	158	117	150	142	15.56	cps
Molybdenum	96-1	433	242	225	300	38.60	cps
Molybdenum	97-1	133	125	133	131	3.68	cps
Molybdenum	98-1	258	250	275	261	4.88	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	1030	1257	1157	1148	9.90	cps
Phosphorus	31-2	200	175	175	183	7.87	cps
Potassium	39-2	9412	9595	9804	9604	2.04	cps
Rhodium	103-1	7868732	8037802	8136146	8014226	1.69	cps
Rhodium	103-2	2113234	2083734	2091871	2096280	0.73	cps
Scandium	45-1	4814781	4939174	4993954	4915970	1.87	cps
Scandium	45-2	38356	38055	38182	38198	0.40	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	0	6	3	91.69	cps
Selenium	82-1	18	5	-17	2	833.44	cps
Silicon	28-1	3545743	3610168	3525647	3560519	1.24	cps
Silver	109-1	392	283	292	322	18.71	cps
Silver	107-1	300	242	275	272	10.75	cps
Sodium	23-2	606081	605446	609764	607097	0.38	cps
Strontium	86-1	50946	49700	48638	49761	2.32	cps
Strontium	88-1	433209	437019	428078	432769	1.04	cps
Sulfur	34-1	398221	395929	395686	396612	0.35	cps
Terbium	159-1	11124716	11416395	11456229	11332447	1.60	cps
Terbium	159-2	2240800	2227133	2221662	2229865	0.44	cps
Thallium	203-1	142	183	167	164	12.80	cps
Thallium	205-1	350	358	367	358	2.33	cps
Tin	118-1	625	700	617	647	7.09	cps
Titanium	47-1	333	350	1338	674	85.37	cps
Uranium	238-1	175	217	142	178	21.14	cps
Vanadium	51-2	33	70	53	52	35.16	cps
Yttrium	89-1	8749923	9124813	8936420	8937052	2.10	cps
Yttrium	89-2	267032	262143	263361	264178	0.96	cps
Zinc	66-2	4691	4658	4751	4700	1.01	cps
Zirconium	90-1	642	750	825	739	12.47	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-02	Instrumnet Name :	P8
Client Sample ID :	XADI-110-FL3-CL301P-V	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:29:51	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	158	200	158	26.32	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-03	Instrumnet Name :	P8
Client Sample ID :	XADI-111-FL3-CL303-C-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:32:58	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	42	8	36	70.51	cps
Antimony	121-1	992	1075	942	1003	6.72	cps
Arsenic	75-2	28	17	17	20	31.48	cps
Barium	135-1	31647	32307	32089	32015	1.05	cps
Barium	137-1	55936	56756	56179	56290	0.75	cps
Beryllium	9-1	50	44	11	35	59.78	cps
Bismuth	209-1	7192778	7210432	7117394	7173535	0.69	cps
Bismuth	209-2	1839869	1839969	1835948	1838595	0.12	cps
Boron	10-1	633	750	717	700	8.58	cps
Boron	11-1	3109	3059	3200	3123	2.30	cps
Cadmium	111-1	1694	1598	1625	1639	3.04	cps
Cadmium	106-1	1742	1750	1700	1731	1.55	cps
Cadmium	108-1	42	75	46	54	33.53	cps
Calcium	43-1	115857	113322	112818	113999	1.43	cps
Calcium	44-1	1924418	1901273	1910619	1912103	0.61	cps
Chromium	52-2	363	383	450	399	11.38	cps
Cobalt	59-2	567	477	513	519	8.72	cps
Copper	63-2	360524	364730	358824	361360	0.84	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	58	33	47	26.97	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	108	75	8	64	79.70	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	11008205	11022353	11096549	11042369	0.43	cps
Holmium	165-2	2267473	2260615	2262100	2263396	0.16	cps
Indium	115-1	8766178	8871330	8812464	8816658	0.60	cps
Indium	115-2	357944	357689	358730	358121	0.15	cps
Iron	56-2	13396	12828	13218	13147	2.21	cps
Iron	57-2	306	328	522	385	30.95	cps
Lead	206-1	27514	27091	27229	27278	0.79	cps
Lead	207-1	22654	22699	22949	22767	0.70	cps
Lead	208-1	106699	106538	106124	106454	0.28	cps
Lithium	6-1	1275862	1276045	1288201	1280036	0.55	cps
Magnesium	24-2	30250	30408	31561	30740	2.33	cps
Manganese	55-2	1827	1977	1780	1861	5.52	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-03 Instrumnet Name : P8
 Client Sample ID : XADI-111-FL3-CL303-C-I Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:32:58 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	233	325	292	17.38	cps
Molybdenum	95-1	183	117	175	158	22.94	cps
Molybdenum	96-1	350	175	217	247	36.98	cps
Molybdenum	97-1	100	142	125	122	17.16	cps
Molybdenum	98-1	233	292	258	261	11.21	cps
Neodymium	150-1	13	33	40	29	48.05	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	179675	178123	177728	178509	0.58	cps
Phosphorus	31-2	92	67	58	72	24.02	cps
Potassium	39-2	9520	9620	9637	9593	0.66	cps
Rhodium	103-1	8102139	8114333	8054016	8090163	0.39	cps
Rhodium	103-2	2094803	2119256	2086009	2100023	0.82	cps
Scandium	45-1	5010202	4981306	4963704	4985071	0.47	cps
Scandium	45-2	36397	37787	37467	37217	1.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	9	4	107.89	cps
Selenium	82-1	24	-6	17	12	133.08	cps
Silicon	28-1	3457755	3485095	3478756	3473869	0.41	cps
Silver	109-1	217	183	200	200	8.33	cps
Silver	107-1	2004	242	217	821	124.86	cps
Sodium	23-2	608615	608315	607722	608217	0.07	cps
Strontium	86-1	46949	46631	46756	46778	0.34	cps
Strontium	88-1	403131	407946	402672	404583	0.72	cps
Sulfur	34-1	397053	397119	400732	398301	0.53	cps
Terbium	159-1	11455237	11466089	11466940	11462755	0.06	cps
Terbium	159-2	2205484	2231416	2219138	2218680	0.58	cps
Thallium	203-1	192	200	133	175	20.76	cps
Thallium	205-1	400	517	508	475	13.70	cps
Tin	118-1	775	567	717	686	15.67	cps
Titanium	47-1	275	267	300	281	6.18	cps
Uranium	238-1	100	67	117	94	26.96	cps
Vanadium	51-2	37	43	27	36	23.58	cps
Yttrium	89-1	8994277	8975401	8971964	8980547	0.13	cps
Yttrium	89-2	262638	263218	262610	262822	0.13	cps
Zinc	66-2	84287	82611	83620	83506	1.01	cps
Zirconium	90-1	525	683	725	644	16.37	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-03	Instrumnet Name :	P8
Client Sample ID :	XADI-111-FL3-CL303-C-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:32:58	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	158	158	150	9.62	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-04 Instrumnet Name : P8
 Client Sample ID : XADI-112-FL3-CL303-C-I Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:36:05 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	83	92	67	54.49	cps
Antimony	121-1	483	650	408	514	24.07	cps
Arsenic	75-2	26	35	31	31	15.10	cps
Barium	135-1	27396	26160	26052	26536	2.81	cps
Barium	137-1	46073	46616	46131	46273	0.64	cps
Beryllium	9-1	50	44	28	41	28.38	cps
Bismuth	209-1	7325936	7265421	7298319	7296559	0.42	cps
Bismuth	209-2	1869249	1743022	1824046	1812105	3.53	cps
Boron	10-1	592	642	650	628	5.03	cps
Boron	11-1	2850	2950	2917	2906	1.75	cps
Cadmium	111-1	1138	1075	1083	1099	3.15	cps
Cadmium	106-1	1583	1475	1517	1525	3.58	cps
Cadmium	108-1	17	17	0	11	86.60	cps
Calcium	43-1	118918	118858	118985	118920	0.05	cps
Calcium	44-1	1988193	1995684	1977000	1986959	0.47	cps
Chromium	52-2	393	390	423	402	4.56	cps
Cobalt	59-2	97	57	63	72	29.67	cps
Copper	63-2	300599	299996	299127	299908	0.25	cps
Dysprosium	156-1	33	67	33	44	43.30	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	50	75	58	61	20.83	cps
Erbium	164-2	17	7	13	12	41.65	cps
Gadolinium	160-1	83	50	75	69	24.98	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	11114982	11171562	11125066	11137203	0.27	cps
Holmium	165-2	2286577	2150908	2262637	2233374	3.24	cps
Indium	115-1	8918105	8914867	8865946	8899639	0.33	cps
Indium	115-2	361048	341982	357020	353350	2.84	cps
Iron	56-2	13290	12751	12829	12956	2.25	cps
Iron	57-2	356	339	317	337	5.79	cps
Lead	206-1	4045	4112	4006	4054	1.32	cps
Lead	207-1	3306	3412	3467	3395	2.41	cps
Lead	208-1	15421	15877	15371	15556	1.79	cps
Lithium	6-1	1351064	1324878	1342787	1339576	1.00	cps
Magnesium	24-2	32346	31310	31377	31678	1.83	cps
Manganese	55-2	3364	3417	3337	3373	1.21	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-04	Instrumnet Name :	P8
Client Sample ID :	XADI-112-FL3-CL303-C-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:36:05	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	275	300	342	306	11.02	cps
Molybdenum	95-1	292	167	225	228	27.46	cps
Molybdenum	96-1	225	242	217	228	5.59	cps
Molybdenum	97-1	92	167	142	133	28.64	cps
Molybdenum	98-1	250	250	342	281	18.87	cps
Neodymium	150-1	33	33	33	33	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4928	4931	5108	4989	2.06	cps
Phosphorus	31-2	283	275	233	264	10.15	cps
Potassium	39-2	9737	9445	10104	9762	3.38	cps
Rhodium	103-1	8138421	8121116	8071611	8110383	0.43	cps
Rhodium	103-2	2108522	1988925	2108490	2068646	3.34	cps
Scandium	45-1	5000660	5028876	4955295	4994944	0.74	cps
Scandium	45-2	38128	36561	37386	37359	2.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	2	3	124.95	cps
Selenium	82-1	-65	-24	-4	-31	-100.15	cps
Silicon	28-1	3472653	3529964	3393832	3465483	1.97	cps
Silver	109-1	375	258	200	278	32.08	cps
Silver	107-1	167	342	283	264	33.77	cps
Sodium	23-2	610887	602824	603236	605649	0.75	cps
Strontium	86-1	48002	48479	47500	47994	1.02	cps
Strontium	88-1	418584	416977	416716	417426	0.24	cps
Sulfur	34-1	405496	403289	406687	405157	0.43	cps
Terbium	159-1	11704638	11536596	11473736	11571656	1.03	cps
Terbium	159-2	2227490	2111510	2208952	2182651	2.85	cps
Thallium	203-1	192	125	183	167	21.79	cps
Thallium	205-1	475	417	433	442	6.80	cps
Tin	118-1	783	592	850	742	18.08	cps
Titanium	47-1	467	1404	450	773	70.56	cps
Uranium	238-1	175	225	167	189	16.70	cps
Vanadium	51-2	60	57	73	63	13.93	cps
Yttrium	89-1	9052612	9054838	8985410	9030953	0.44	cps
Yttrium	89-2	263565	250409	261178	258384	2.71	cps
Zinc	66-2	6021	6111	6028	6054	0.83	cps
Zirconium	90-1	808	850	692	783	10.48	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-04	Instrumnet Name :	P8
Client Sample ID :	XADI-112-FL3-CL303-C-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:36:05	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	175	150	167	8.66	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-05 Instrumnet Name : P8
 Client Sample ID : XADI-113-FL3-CL305-W2 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:39:12 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	25	22	57.29	cps
Antimony	121-1	3042	3251	3001	3098	4.32	cps
Arsenic	75-2	20	33	13	22	46.40	cps
Barium	135-1	40998	43264	40756	41672	3.32	cps
Barium	137-1	72759	74217	70120	72365	2.87	cps
Beryllium	9-1	44	50	50	48	6.65	cps
Bismuth	209-1	7012614	7220594	6912564	7048591	2.23	cps
Bismuth	209-2	1718026	1803404	1825145	1782192	3.18	cps
Boron	10-1	633	742	725	700	8.33	cps
Boron	11-1	3151	2917	3009	3025	3.89	cps
Cadmium	111-1	2517	2498	2364	2460	3.39	cps
Cadmium	106-1	2042	1967	1800	1936	6.39	cps
Cadmium	108-1	333	417	346	365	12.30	cps
Calcium	43-1	116732	119490	116506	117576	1.41	cps
Calcium	44-1	1963703	2029325	1950704	1981244	2.13	cps
Chromium	52-2	340	367	303	337	9.45	cps
Cobalt	59-2	5294	5521	6051	5622	6.91	cps
Copper	63-2	733602	764072	771023	756232	2.63	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	17	33	25	33.34	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	58	100	33	64	52.72	cps
Gadolinium	160-2	10	0	13	8	89.21	cps
Holmium	165-1	10810444	11066641	10585933	10821006	2.22	cps
Holmium	165-2	2167273	2252736	2281696	2233902	2.66	cps
Indium	115-1	8610080	8811088	8337861	8586343	2.77	cps
Indium	115-2	341216	354380	356484	350693	2.36	cps
Iron	56-2	4656	4784	4756	4732	1.42	cps
Iron	57-2	139	111	139	130	12.37	cps
Lead	206-1	97437	101110	96884	98477	2.33	cps
Lead	207-1	81896	84603	80963	82487	2.29	cps
Lead	208-1	380882	391607	379301	383930	1.74	cps
Lithium	6-1	1293967	1334586	1258171	1295575	2.95	cps
Magnesium	24-2	32296	33131	34109	33179	2.73	cps
Manganese	55-2	7502	7612	8019	7711	3.53	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-05 Instrumnet Name : P8
 Client Sample ID : XADI-113-FL3-CL305-W2 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:39:12 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	242	292	258	11.17	cps
Molybdenum	95-1	150	133	133	139	6.93	cps
Molybdenum	96-1	200	233	175	203	14.43	cps
Molybdenum	97-1	92	92	133	106	22.79	cps
Molybdenum	98-1	433	267	267	322	29.86	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	986741	1034212	1033353	1018102	2.67	cps
Phosphorus	31-2	8	8	67	28	121.26	cps
Potassium	39-2	10679	10813	11764	11085	5.33	cps
Rhodium	103-1	7862780	8017173	7630422	7836792	2.48	cps
Rhodium	103-2	1987023	2080241	2072915	2046726	2.53	cps
Scandium	45-1	4862862	5003503	4699886	4855417	3.13	cps
Scandium	45-2	35806	37356	37259	36807	2.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	0	-36	-44	-27	-88.14	cps
Silicon	28-1	5375370	5463643	5228682	5355898	2.22	cps
Silver	109-1	542	275	217	345	50.37	cps
Silver	107-1	375	342	333	350	6.30	cps
Sodium	23-2	580431	607615	606223	598090	2.56	cps
Strontium	86-1	50202	52727	51716	51548	2.47	cps
Strontium	88-1	442929	458806	446314	449350	1.86	cps
Sulfur	34-1	412469	411230	412669	412123	0.19	cps
Terbium	159-1	11158672	11516035	10919175	11197961	2.68	cps
Terbium	159-2	2102072	2231314	2188894	2174093	3.03	cps
Thallium	203-1	458	483	383	442	11.78	cps
Thallium	205-1	1050	833	950	945	11.48	cps
Tin	118-1	1008	800	917	908	11.50	cps
Titanium	47-1	233	275	183	231	19.91	cps
Uranium	238-1	125	208	158	164	25.59	cps
Vanadium	51-2	13	17	10	13	25.01	cps
Yttrium	89-1	8692222	8940463	8481293	8704659	2.64	cps
Yttrium	89-2	248705	258240	260206	255717	2.41	cps
Zinc	66-2	883964	924328	933577	913956	2.89	cps
Zirconium	90-1	600	525	575	567	6.74	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-05	Instrumnet Name :	P8
Client Sample ID :	XADI-113-FL3-CL305-W2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:39:12	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	108	75	100	22.05	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-06 Instrumnet Name : P8
 Client Sample ID : XADI-114-FL3-CL305-W2 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:42:19 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	58	44	28.65	cps
Antimony	121-1	617	625	600	614	2.07	cps
Arsenic	75-2	19	22	15	19	20.01	cps
Barium	135-1	41817	40998	41064	41293	1.10	cps
Barium	137-1	74385	72299	71972	72885	1.80	cps
Beryllium	9-1	44	11	72	43	71.84	cps
Bismuth	209-1	6617575	7346447	7427321	7130448	6.25	cps
Bismuth	209-2	1870473	1874422	1869365	1871420	0.14	cps
Boron	10-1	567	608	592	589	3.56	cps
Boron	11-1	2792	3100	3059	2984	5.61	cps
Cadmium	111-1	1018	1245	1276	1180	11.95	cps
Cadmium	106-1	1333	1717	1725	1592	14.06	cps
Cadmium	108-1	4	33	21	19	75.24	cps
Calcium	43-1	124533	121984	122130	122882	1.16	cps
Calcium	44-1	2099799	2076926	2101221	2092649	0.65	cps
Chromium	52-2	390	317	427	378	14.83	cps
Cobalt	59-2	320	383	373	359	9.49	cps
Copper	63-2	1542519	1541070	1484469	1522686	2.17	cps
Dysprosium	156-1	42	42	25	36	26.65	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	67	42	67	58	24.74	cps
Erbium	164-2	7	0	13	7	99.98	cps
Gadolinium	160-1	67	117	75	86	31.11	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	10101305	11269372	11280714	10883797	6.23	cps
Holmium	165-2	2300321	2308133	2309096	2305850	0.21	cps
Indium	115-1	7994047	8967256	8978339	8646547	6.54	cps
Indium	115-2	362011	361120	359590	360907	0.34	cps
Iron	56-2	13702	14124	13857	13894	1.54	cps
Iron	57-2	344	361	344	350	2.75	cps
Lead	206-1	16517	15621	15571	15903	3.35	cps
Lead	207-1	14270	13463	13958	13897	2.93	cps
Lead	208-1	65061	62662	62790	63505	2.13	cps
Lithium	6-1	1222330	1362967	1354274	1313190	6.00	cps
Magnesium	24-2	34526	34509	34501	34512	0.04	cps
Manganese	55-2	18416	18636	18966	18673	1.48	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-06	Instrumnet Name :	P8
Client Sample ID :	XADI-114-FL3-CL305-W2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:42:19	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	233	233	250	11.55	cps
Molybdenum	95-1	142	133	183	153	17.53	cps
Molybdenum	96-1	225	258	158	214	23.81	cps
Molybdenum	97-1	158	108	125	131	19.50	cps
Molybdenum	98-1	233	250	242	242	3.45	cps
Neodymium	150-1	7	27	53	29	81.04	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	47427	47885	48143	47819	0.76	cps
Phosphorus	31-2	117	67	100	94	26.96	cps
Potassium	39-2	10354	9754	9954	10021	3.05	cps
Rhodium	103-1	7383035	8298204	8242696	7974645	6.43	cps
Rhodium	103-2	2138242	2116164	2124007	2126138	0.53	cps
Scandium	45-1	4488141	5070411	5103325	4887292	7.08	cps
Scandium	45-2	38155	39031	37727	38304	1.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-30	-34	-63	-42	-42.80	cps
Silicon	28-1	5883594	5778939	5801014	5821182	0.95	cps
Silver	109-1	225	175	217	206	13.03	cps
Silver	107-1	342	267	283	297	13.25	cps
Sodium	23-2	605863	601299	603473	603545	0.38	cps
Strontium	86-1	54568	53447	53749	53921	1.08	cps
Strontium	88-1	471905	469625	462451	467993	1.05	cps
Sulfur	34-1	404448	408662	412018	408376	0.93	cps
Terbium	159-1	10464396	11702259	11681317	11282658	6.28	cps
Terbium	159-2	2271308	2271764	2235051	2259374	0.93	cps
Thallium	203-1	175	242	158	192	23.01	cps
Thallium	205-1	375	492	475	447	14.11	cps
Tin	118-1	992	1058	767	939	16.28	cps
Titanium	47-1	283	333	342	319	9.88	cps
Uranium	238-1	100	150	108	119	22.43	cps
Vanadium	51-2	13	20	37	23	51.52	cps
Yttrium	89-1	8163087	9229120	9041440	8811216	6.46	cps
Yttrium	89-2	265769	266751	262851	265124	0.77	cps
Zinc	66-2	24325	24809	24495	24543	1.00	cps
Zirconium	90-1	467	683	2524	1225	92.31	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-06	Instrumnet Name :	P8
Client Sample ID :	XADI-114-FL3-CL305-W2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:42:19	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	150	125	128	16.41	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-07 Instrumnet Name : P8
 Client Sample ID : XADI-115-FL3-BRG-W4-I Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:45:27 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	25	75	61	51.63	cps
Antimony	121-1	483	508	500	497	2.56	cps
Arsenic	75-2	41	41	33	38	11.18	cps
Barium	135-1	28665	29058	27914	28546	2.04	cps
Barium	137-1	51016	49427	49552	49999	1.77	cps
Beryllium	9-1	28	78	39	48	54.53	cps
Bismuth	209-1	7459294	7478459	7461589	7466447	0.14	cps
Bismuth	209-2	1841811	1862683	1831668	1845387	0.86	cps
Boron	10-1	608	733	758	700	11.48	cps
Boron	11-1	3150	3234	3084	3156	2.38	cps
Cadmium	111-1	1228	1065	1304	1199	10.18	cps
Cadmium	106-1	1742	1508	1850	1700	10.27	cps
Cadmium	108-1	29	17	29	25	28.86	cps
Calcium	43-1	125078	123532	125801	124804	0.93	cps
Calcium	44-1	2111155	2106915	2092138	2103403	0.47	cps
Chromium	52-2	407	437	463	436	6.51	cps
Cobalt	59-2	50	63	73	62	18.81	cps
Copper	63-2	378067	376697	376454	377073	0.23	cps
Dysprosium	156-1	42	58	50	50	16.67	cps
Dysprosium	156-2	7	37	10	18	92.48	cps
Erbium	164-1	25	75	83	61	51.63	cps
Erbium	164-2	10	30	3	14	96.09	cps
Gadolinium	160-1	100	83	58	81	26.03	cps
Gadolinium	160-2	27	17	20	21	24.12	cps
Holmium	165-1	11438196	11431139	11463698	11444345	0.15	cps
Holmium	165-2	2303699	2306982	2278204	2296295	0.69	cps
Indium	115-1	9107410	9028120	9000261	9045264	0.61	cps
Indium	115-2	360953	362224	355724	359634	0.96	cps
Iron	56-2	13529	13858	14771	14052	4.58	cps
Iron	57-2	444	294	400	380	20.30	cps
Lead	206-1	20350	20684	20183	20406	1.25	cps
Lead	207-1	17340	17663	17602	17535	0.98	cps
Lead	208-1	80206	81292	80390	80630	0.72	cps
Lithium	6-1	1367648	1369029	1372429	1369702	0.18	cps
Magnesium	24-2	31419	31419	32755	31864	2.42	cps
Manganese	55-2	3087	3284	3244	3205	3.24	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-07	Instrumnet Name :	P8
Client Sample ID :	XADI-115-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:45:27	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	508	275	317	367	33.94	cps
Molybdenum	95-1	142	117	142	133	10.83	cps
Molybdenum	96-1	183	233	183	200	14.44	cps
Molybdenum	97-1	133	192	142	156	20.28	cps
Molybdenum	98-1	350	175	292	272	32.73	cps
Neodymium	150-1	20	47	13	27	66.16	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	2284	2260	2220	2255	1.42	cps
Phosphorus	31-2	325	275	258	286	12.13	cps
Potassium	39-2	9820	9737	9871	9809	0.69	cps
Rhodium	103-1	8329822	8311406	8369999	8337076	0.36	cps
Rhodium	103-2	2141895	2145761	2113563	2133740	0.82	cps
Scandium	45-1	5096873	5070777	5072275	5079975	0.29	cps
Scandium	45-2	38396	37991	37203	37863	1.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-28	71	-34	3	1894.82	cps
Silicon	28-1	3590277	3486187	3536042	3537502	1.47	cps
Silver	109-1	208	183	275	222	21.33	cps
Silver	107-1	217	225	192	211	8.22	cps
Sodium	23-2	609115	607867	604673	607218	0.38	cps
Strontium	86-1	48537	49683	49524	49248	1.26	cps
Strontium	88-1	438002	437458	439251	438237	0.21	cps
Sulfur	34-1	408961	405895	409752	408203	0.50	cps
Terbium	159-1	11912066	11856972	11929125	11899388	0.32	cps
Terbium	159-2	2259284	2262975	2250530	2257596	0.28	cps
Thallium	203-1	217	167	192	192	13.04	cps
Thallium	205-1	517	483	500	500	3.33	cps
Tin	118-1	958	667	708	778	20.28	cps
Titanium	47-1	500	467	450	472	5.39	cps
Uranium	238-1	225	217	208	217	3.84	cps
Vanadium	51-2	60	60	33	51	30.13	cps
Yttrium	89-1	9142916	9171244	9233954	9182705	0.51	cps
Yttrium	89-2	264483	263715	261976	263392	0.49	cps
Zinc	66-2	23543	22295	23179	23006	2.79	cps
Zirconium	90-1	633	842	725	733	14.24	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-07	Instrumnet Name :	P8
Client Sample ID :	XADI-115-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:45:27	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	167	133	144	13.32	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-08	Instrumnet Name :	P8
Client Sample ID :	XADI-116-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:48:33	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	83	50	72	26.65	cps
Antimony	121-1	467	533	542	514	8.00	cps
Arsenic	75-2	31	35	31	33	6.55	cps
Barium	135-1	29792	29492	29309	29531	0.83	cps
Barium	137-1	51384	51451	50849	51228	0.64	cps
Beryllium	9-1	44	28	39	37	22.91	cps
Bismuth	209-1	7404082	7441803	7370962	7405616	0.48	cps
Bismuth	209-2	1853375	1845479	1791725	1830193	1.83	cps
Boron	10-1	625	550	692	622	11.39	cps
Boron	11-1	2975	3167	3100	3081	3.16	cps
Cadmium	111-1	1065	1248	1261	1191	9.20	cps
Cadmium	106-1	1492	1784	1734	1670	9.34	cps
Cadmium	108-1	13	25	4	14	75.48	cps
Calcium	43-1	121843	124666	124205	123571	1.23	cps
Calcium	44-1	2082995	2086400	2092419	2087272	0.23	cps
Chromium	52-2	437	473	483	464	5.29	cps
Cobalt	59-2	73	30	57	53	40.98	cps
Copper	63-2	130472	132215	129005	130564	1.23	cps
Dysprosium	156-1	75	67	42	61	28.39	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	67	42	67	58	24.74	cps
Erbium	164-2	7	20	13	13	49.99	cps
Gadolinium	160-1	117	142	125	128	9.96	cps
Gadolinium	160-2	23	17	23	21	18.21	cps
Holmium	165-1	11363912	11301378	11255080	11306790	0.48	cps
Holmium	165-2	2273405	2267558	2240206	2260390	0.78	cps
Indium	115-1	9068912	8914857	8844272	8942681	1.28	cps
Indium	115-2	357529	351197	353199	353975	0.91	cps
Iron	56-2	73560	69802	72519	71960	2.70	cps
Iron	57-2	1828	1733	1867	1809	3.79	cps
Lead	206-1	26283	25209	24847	25446	2.94	cps
Lead	207-1	22454	22025	21368	21949	2.49	cps
Lead	208-1	101626	99994	99706	100442	1.03	cps
Lithium	6-1	1367465	1343769	1359063	1356766	0.89	cps
Magnesium	24-2	32371	31419	30433	31408	3.09	cps
Manganese	55-2	4444	4097	4294	4279	4.06	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-08	Instrumnet Name :	P8
Client Sample ID :	XADI-116-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:48:33	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	350	342	342	344	1.40	cps
Molybdenum	95-1	158	175	183	172	7.39	cps
Molybdenum	96-1	308	250	225	261	16.38	cps
Molybdenum	97-1	183	133	167	161	15.80	cps
Molybdenum	98-1	283	283	325	297	8.09	cps
Neodymium	150-1	33	53	13	33	60.02	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	1593	1427	1487	1502	5.62	cps
Phosphorus	31-2	317	308	300	308	2.70	cps
Potassium	39-2	9954	9395	9312	9554	3.65	cps
Rhodium	103-1	8284774	8269630	8075351	8209918	1.42	cps
Rhodium	103-2	2115472	2062694	2068833	2082333	1.39	cps
Scandium	45-1	5002865	5051703	5019981	5024850	0.49	cps
Scandium	45-2	37474	36585	37437	37165	1.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	21	-23	-15	-5	-436.11	cps
Silicon	28-1	3536576	3563197	3487179	3528984	1.09	cps
Silver	109-1	108	83	75	89	19.52	cps
Silver	107-1	117	83	150	117	28.57	cps
Sodium	23-2	619050	604546	605972	609856	1.31	cps
Strontium	86-1	48663	49649	48479	48930	1.29	cps
Strontium	88-1	425718	425518	423921	425053	0.23	cps
Sulfur	34-1	410311	410760	405465	408845	0.72	cps
Terbium	159-1	11691134	11704823	11598321	11664759	0.50	cps
Terbium	159-2	2227936	2197831	2210012	2211926	0.68	cps
Thallium	203-1	192	133	117	147	26.75	cps
Thallium	205-1	367	492	492	450	16.04	cps
Tin	118-1	925	875	925	908	3.18	cps
Titanium	47-1	583	684	1184	817	39.40	cps
Uranium	238-1	375	325	375	358	8.06	cps
Vanadium	51-2	60	37	53	50	24.03	cps
Yttrium	89-1	9126687	9046645	8992109	9055147	0.75	cps
Yttrium	89-2	261014	256232	258880	258709	0.93	cps
Zinc	66-2	9103	8933	9323	9120	2.15	cps
Zirconium	90-1	725	825	817	789	7.04	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-08	Instrumnet Name :	P8
Client Sample ID :	XADI-116-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:48:33	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	225	117	167	32.79	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:51:41	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	17	28	45.82	cps
Antimony	121-1	25	67	58	50	44.10	cps
Arsenic	75-2	2	0	0	1	173.21	cps
Barium	135-1	42	8	17	22	78.07	cps
Barium	137-1	75	67	33	58	37.80	cps
Beryllium	9-1	22	72	39	44	57.28	cps
Bismuth	209-1	6676908	6708143	6639585	6674879	0.51	cps
Bismuth	209-2	1558375	1606881	1606838	1590698	1.76	cps
Boron	10-1	100	183	142	142	29.41	cps
Boron	11-1	817	683	750	750	8.89	cps
Cadmium	111-1	1188	1121	1130	1146	3.17	cps
Cadmium	106-1	1684	1584	1617	1628	3.13	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	1442	1367	1142	1317	11.86	cps
Calcium	44-1	17837	17086	17011	17311	2.64	cps
Chromium	52-2	403	460	403	422	7.75	cps
Cobalt	59-2	63	70	67	67	5.00	cps
Copper	63-2	107	113	143	121	16.13	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	25	67	44	47.19	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	75	42	67	61	28.38	cps
Gadolinium	160-2	0	7	0	2	173.21	cps
Holmium	165-1	10158173	10258125	10130352	10182216	0.66	cps
Holmium	165-2	2015248	2082569	2074108	2057308	1.78	cps
Indium	115-1	8041807	8056385	8051576	8049923	0.09	cps
Indium	115-2	315733	326349	325623	322568	1.84	cps
Iron	56-2	1250	1139	1345	1245	8.27	cps
Iron	57-2	28	11	33	24	48.04	cps
Lead	206-1	2760809	2743994	2768215	2757673	0.45	cps
Lead	207-1	2523866	2519871	2555221	2532986	0.76	cps
Lead	208-1	11305792	11272890	11276363	11285015	0.16	cps
Lithium	6-1	1214863	1225083	1241723	1227223	1.10	cps
Magnesium	24-2	75	117	17	69	72.33	cps
Manganese	55-2	23	23	3	17	69.30	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:51:41	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	200	167	167	20.00	cps
Molybdenum	95-1	42	33	33	36	13.33	cps
Molybdenum	96-1	50	83	108	81	36.33	cps
Molybdenum	97-1	58	8	42	36	70.51	cps
Molybdenum	98-1	50	33	42	42	20.00	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	107	127	108	17.03	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2525	2225	1709	2153	19.19	cps
Rhodium	103-1	7474908	7496014	7427387	7466103	0.47	cps
Rhodium	103-2	1873700	1947764	1948138	1923201	2.23	cps
Scandium	45-1	4525948	4560198	4522944	4536363	0.46	cps
Scandium	45-2	32464	33620	34232	33439	2.68	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-23	-63	-76	-54	-51.05	cps
Silicon	28-1	356041	355349	356380	355923	0.15	cps
Silver	109-1	83	75	17	58	62.27	cps
Silver	107-1	75	50	50	58	24.74	cps
Sodium	23-2	11038	10704	11347	11030	2.91	cps
Strontium	86-1	442	550	550	514	12.17	cps
Strontium	88-1	517	425	450	464	10.21	cps
Sulfur	34-1	378032	377319	378461	377937	0.15	cps
Terbium	159-1	10612324	10609194	10619294	10613604	0.05	cps
Terbium	159-2	1956398	2026458	2038509	2007121	2.21	cps
Thallium	203-1	217	133	183	178	23.59	cps
Thallium	205-1	483	458	400	447	9.56	cps
Tin	118-1	533	525	425	494	12.19	cps
Titanium	47-1	142	125	208	158	27.85	cps
Uranium	238-1	33	33	75	47	50.96	cps
Vanadium	51-2	10	3	3	6	69.34	cps
Yttrium	89-1	8137035	8304306	8217624	8219655	1.02	cps
Yttrium	89-2	229995	237769	238701	235488	2.03	cps
Zinc	66-2	97	67	133	99	33.76	cps
Zirconium	90-1	483	600	433	506	16.92	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:51:41	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	50	75	89	53.31	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:54:48	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	17	6	173.21	cps
Antimony	121-1	25	17	33	25	33.32	cps
Arsenic	75-2	2	0	6	2	114.63	cps
Barium	135-1	8	25	17	17	50.01	cps
Barium	137-1	17	25	33	25	33.32	cps
Beryllium	9-1	50	44	33	43	19.93	cps
Bismuth	209-1	6631437	6633451	6545377	6603421	0.76	cps
Bismuth	209-2	1610015	1598894	1604367	1604425	0.35	cps
Boron	10-1	175	92	117	128	33.47	cps
Boron	11-1	558	492	492	514	7.49	cps
Cadmium	111-1	1079	930	911	973	9.49	cps
Cadmium	106-1	1550	1325	1283	1386	10.35	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	1183	1200	1292	1225	4.76	cps
Calcium	44-1	15793	15176	14783	15251	3.34	cps
Chromium	52-2	533	490	567	530	7.25	cps
Cobalt	59-2	73	50	67	63	18.98	cps
Copper	63-2	147	133	103	128	17.37	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	58	17	58	44	54.12	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	10174916	10117817	10143263	10145332	0.28	cps
Holmium	165-2	2095428	2053299	2086294	2078340	1.07	cps
Indium	115-1	8031389	8019138	8133369	8061299	0.78	cps
Indium	115-2	328708	325078	324188	325991	0.73	cps
Iron	56-2	861	989	961	937	7.17	cps
Iron	57-2	17	22	33	24	35.24	cps
Lead	206-1	583	628	633	615	4.46	cps
Lead	207-1	556	533	433	507	12.83	cps
Lead	208-1	2539	2778	2306	2541	9.29	cps
Lithium	6-1	1212808	1241029	1225692	1226510	1.15	cps
Magnesium	24-2	58	83	75	72	17.62	cps
Manganese	55-2	23	10	17	17	39.99	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:54:48	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	167	167	161	5.97	cps
Molybdenum	95-1	17	42	0	19	107.85	cps
Molybdenum	96-1	83	58	50	64	27.15	cps
Molybdenum	97-1	8	75	42	42	80.00	cps
Molybdenum	98-1	17	0	17	11	86.60	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	70	67	63	67	5.00	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2209	2042	2059	2103	4.37	cps
Rhodium	103-1	7476103	7429932	7427532	7444522	0.37	cps
Rhodium	103-2	1921663	1958293	1948320	1942759	0.97	cps
Scandium	45-1	4491724	4478353	4612951	4527676	1.64	cps
Scandium	45-2	35164	34045	34155	34455	1.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	6	15	-16	2	927.75	cps
Silicon	28-1	347698	348918	348296	348304	0.18	cps
Silver	109-1	67	17	25	36	74.18	cps
Silver	107-1	83	75	75	78	6.19	cps
Sodium	23-2	7302	7802	7644	7583	3.37	cps
Strontium	86-1	458	508	475	481	5.30	cps
Strontium	88-1	150	192	117	153	24.60	cps
Sulfur	34-1	376285	375070	374190	375181	0.28	cps
Terbium	159-1	10481707	10468388	10504579	10484891	0.17	cps
Terbium	159-2	2058992	2065765	2050156	2058304	0.38	cps
Thallium	203-1	133	108	100	114	15.23	cps
Thallium	205-1	300	367	250	306	19.16	cps
Tin	118-1	675	617	567	619	8.75	cps
Titanium	47-1	142	217	158	172	22.87	cps
Uranium	238-1	42	25	58	42	40.00	cps
Vanadium	51-2	7	3	13	8	65.47	cps
Yttrium	89-1	8143812	8142415	8258812	8181680	0.82	cps
Yttrium	89-2	242264	239013	239695	240324	0.71	cps
Zinc	66-2	77	57	67	67	15.00	cps
Zirconium	90-1	367	417	425	403	7.83	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:54:48	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	92	125	108	15.39	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-09 Instrumnet Name : P8
 Client Sample ID : XADI-117-FL3-BRG-W4-I Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 17:57:56 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	117	69	61.57	cps
Antimony	121-1	550	500	517	522	4.88	cps
Arsenic	75-2	35	24	44	35	29.52	cps
Barium	135-1	29859	29500	29375	29578	0.85	cps
Barium	137-1	52405	52187	50213	51602	2.34	cps
Beryllium	9-1	50	44	78	57	31.11	cps
Bismuth	209-1	7316090	7272738	7186772	7258534	0.91	cps
Bismuth	209-2	1847419	1815612	1841777	1834936	0.92	cps
Boron	10-1	525	483	533	514	5.21	cps
Boron	11-1	2800	2717	3075	2864	6.55	cps
Cadmium	111-1	1203	1231	1171	1201	2.48	cps
Cadmium	106-1	1709	1709	1650	1689	1.99	cps
Cadmium	108-1	8	4	25	13	88.19	cps
Calcium	43-1	120314	119001	117699	119005	1.10	cps
Calcium	44-1	2004920	2009627	1987265	2000604	0.59	cps
Chromium	52-2	413	447	380	413	8.06	cps
Cobalt	59-2	60	53	53	56	6.93	cps
Copper	63-2	199638	198452	197657	198582	0.50	cps
Dysprosium	156-1	25	42	100	56	70.89	cps
Dysprosium	156-2	13	3	27	14	81.07	cps
Erbium	164-1	58	108	83	83	30.00	cps
Erbium	164-2	27	3	10	13	90.16	cps
Gadolinium	160-1	92	183	125	133	34.80	cps
Gadolinium	160-2	23	23	30	26	15.07	cps
Holmium	165-1	11241915	11066597	11104788	11137767	0.83	cps
Holmium	165-2	2267228	2261742	2253182	2260717	0.31	cps
Indium	115-1	8917938	8868738	8788045	8858240	0.74	cps
Indium	115-2	358642	356976	355092	356903	0.50	cps
Iron	56-2	73521	71751	72064	72445	1.30	cps
Iron	57-2	2050	1695	1650	1798	12.19	cps
Lead	206-1	22643	22832	22738	22738	0.42	cps
Lead	207-1	19621	19248	19287	19386	1.06	cps
Lead	208-1	90635	89168	89024	89609	0.99	cps
Lithium	6-1	1333641	1332069	1335469	1333726	0.13	cps
Magnesium	24-2	30893	30818	30834	30848	0.13	cps
Manganese	55-2	4878	4421	4924	4741	5.87	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-09	Instrumnet Name :	P8
Client Sample ID :	XADI-117-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:57:56	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	300	342	339	11.09	cps
Molybdenum	95-1	125	167	217	169	27.09	cps
Molybdenum	96-1	208	250	258	239	11.21	cps
Molybdenum	97-1	175	117	92	128	33.47	cps
Molybdenum	98-1	317	350	208	292	25.39	cps
Neodymium	150-1	60	33	87	60	44.45	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	553	483	470	502	8.91	cps
Phosphorus	31-2	225	417	267	303	33.29	cps
Potassium	39-2	9996	9762	9362	9707	3.30	cps
Rhodium	103-1	8207702	8116099	8049643	8124481	0.98	cps
Rhodium	103-2	2091959	2093862	2061664	2082495	0.87	cps
Scandium	45-1	5019649	4966547	4937285	4974494	0.84	cps
Scandium	45-2	37266	37968	36972	37402	1.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-22	32	52	21	183.76	cps
Silicon	28-1	3435041	3386706	3410170	3410639	0.71	cps
Silver	109-1	100	108	67	92	24.05	cps
Silver	107-1	117	117	92	108	13.32	cps
Sodium	23-2	605543	607490	604867	605967	0.22	cps
Strontium	86-1	48772	48863	48562	48732	0.32	cps
Strontium	88-1	416966	413950	416169	415695	0.38	cps
Sulfur	34-1	406562	407257	407582	407134	0.13	cps
Terbium	159-1	11634567	11501223	11510353	11548714	0.65	cps
Terbium	159-2	2212478	2189525	2194900	2198968	0.55	cps
Thallium	203-1	175	175	208	186	10.34	cps
Thallium	205-1	392	342	392	375	7.70	cps
Tin	118-1	908	1117	750	925	19.88	cps
Titanium	47-1	442	542	608	531	15.81	cps
Uranium	238-1	308	458	467	411	21.68	cps
Vanadium	51-2	53	50	47	50	6.66	cps
Yttrium	89-1	9089034	8929751	8940902	8986562	0.99	cps
Yttrium	89-2	260200	258651	259450	259434	0.30	cps
Zinc	66-2	5838	5705	5578	5707	2.28	cps
Zirconium	90-1	900	725	792	806	10.96	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-09	Instrumnet Name :	P8
Client Sample ID :	XADI-117-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 17:57:56	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	308	150	217	37.89	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-10	Instrumnet Name :	P8
Client Sample ID :	XADI-118-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:01:04	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	58	25	69	73.33	cps
Antimony	121-1	500	575	567	547	7.51	cps
Arsenic	75-2	37	33	22	31	24.99	cps
Barium	135-1	27663	27313	26795	27257	1.60	cps
Barium	137-1	47796	48532	47737	48022	0.92	cps
Beryllium	9-1	33	56	44	44	25.01	cps
Bismuth	209-1	7393557	7395536	7363751	7384281	0.24	cps
Bismuth	209-2	1893722	1864821	1846683	1868409	1.27	cps
Boron	10-1	625	558	633	606	6.79	cps
Boron	11-1	3125	2467	3042	2878	12.46	cps
Cadmium	111-1	1258	1255	1093	1202	7.82	cps
Cadmium	106-1	1784	1767	1559	1703	7.36	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Calcium	43-1	121077	121078	120540	120898	0.26	cps
Calcium	44-1	2056352	2046775	2047575	2050234	0.26	cps
Chromium	52-2	390	353	487	410	16.80	cps
Cobalt	59-2	57	63	57	59	6.53	cps
Copper	63-2	317611	315289	314483	315794	0.51	cps
Dysprosium	156-1	25	67	17	36	74.18	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	83	17	50	66.67	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	75	75	67	72	6.66	cps
Gadolinium	160-2	23	13	13	17	34.65	cps
Holmium	165-1	11395907	11327620	11296961	11340163	0.45	cps
Holmium	165-2	2323257	2294918	2282581	2300252	0.91	cps
Indium	115-1	9064930	8908460	8930548	8967979	0.94	cps
Indium	115-2	362342	363146	358243	361244	0.73	cps
Iron	56-2	17524	16844	17406	17258	2.11	cps
Iron	57-2	444	400	439	428	5.66	cps
Lead	206-1	3656	3406	3623	3562	3.81	cps
Lead	207-1	3062	2989	2962	3004	1.72	cps
Lead	208-1	13714	13987	14065	13922	1.32	cps
Lithium	6-1	1325233	1355586	1354331	1345050	1.28	cps
Magnesium	24-2	32839	32388	31586	32271	1.97	cps
Manganese	55-2	3394	3357	3370	3374	0.55	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-10	Instrumnet Name :	P8
Client Sample ID :	XADI-118-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:01:04	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	358	325	306	21.18	cps
Molybdenum	95-1	117	133	92	114	18.41	cps
Molybdenum	96-1	217	267	208	231	13.68	cps
Molybdenum	97-1	167	67	125	119	42.05	cps
Molybdenum	98-1	192	217	333	247	30.58	cps
Neodymium	150-1	47	20	20	29	53.30	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	417	390	427	411	4.61	cps
Phosphorus	31-2	242	242	242	242	0.00	cps
Potassium	39-2	9979	9445	9037	9487	4.98	cps
Rhodium	103-1	8317109	8279663	8228466	8275079	0.54	cps
Rhodium	103-2	2129462	2105894	2090926	2108761	0.92	cps
Scandium	45-1	5025258	4995843	5027701	5016267	0.35	cps
Scandium	45-2	38469	37885	36454	37603	2.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	36	12	0	16	116.91	cps
Silicon	28-1	3485182	3399520	3497147	3460616	1.54	cps
Silver	109-1	267	200	300	256	19.92	cps
Silver	107-1	325	317	242	294	15.59	cps
Sodium	23-2	606296	601500	602564	603453	0.42	cps
Strontium	86-1	50185	50294	49658	50046	0.68	cps
Strontium	88-1	432466	426775	431601	430281	0.71	cps
Sulfur	34-1	403602	403937	403724	403755	0.04	cps
Terbium	159-1	11808117	11697111	11652314	11719181	0.68	cps
Terbium	159-2	2280211	2265128	2229348	2258229	1.16	cps
Thallium	203-1	158	208	200	189	14.18	cps
Thallium	205-1	408	358	317	361	12.71	cps
Tin	118-1	700	742	883	775	12.40	cps
Titanium	47-1	533	483	550	522	6.64	cps
Uranium	238-1	167	217	158	181	17.47	cps
Vanadium	51-2	53	60	70	61	13.73	cps
Yttrium	89-1	9231639	9195021	9140934	9189198	0.50	cps
Yttrium	89-2	265516	265559	260859	263978	1.02	cps
Zinc	66-2	6899	7222	6935	7019	2.52	cps
Zirconium	90-1	517	558	667	581	13.34	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-10	Instrumnet Name :	P8
Client Sample ID :	XADI-118-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:01:04	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	167	292	208	34.64	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-11	Instrumnet Name :	P8
Client Sample ID :	XADI-120-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:04:10	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	117	50	83	40.00	cps
Antimony	121-1	967	917	917	933	3.09	cps
Arsenic	75-2	26	35	33	31	15.56	cps
Barium	135-1	26544	26411	26845	26600	0.84	cps
Barium	137-1	46391	46776	45605	46257	1.29	cps
Beryllium	9-1	33	44	44	41	15.76	cps
Bismuth	209-1	7316254	7399399	7217035	7310896	1.25	cps
Bismuth	209-2	1837112	1870575	1845488	1851058	0.94	cps
Boron	10-1	700	517	692	636	16.28	cps
Boron	11-1	3151	3025	2842	3006	5.16	cps
Cadmium	111-1	1203	1032	961	1066	11.66	cps
Cadmium	106-1	1692	1433	1358	1495	11.70	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	123759	123019	120111	122296	1.58	cps
Calcium	44-1	2068592	2048333	2020310	2045745	1.19	cps
Chromium	52-2	383	430	417	410	5.86	cps
Cobalt	59-2	87	80	77	81	6.28	cps
Copper	63-2	335714	333753	333347	334271	0.38	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	58	92	17	56	67.63	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	83	83	75	81	5.98	cps
Gadolinium	160-2	7	10	17	11	45.82	cps
Holmium	165-1	11252430	11334213	11146635	11244426	0.84	cps
Holmium	165-2	2297554	2322110	2245348	2288338	1.71	cps
Indium	115-1	8937234	8964616	8748684	8883512	1.32	cps
Indium	115-2	362078	363478	358689	361415	0.68	cps
Iron	56-2	13707	14611	14058	14125	3.23	cps
Iron	57-2	339	306	267	304	11.90	cps
Lead	206-1	8926	8536	9148	8870	3.49	cps
Lead	207-1	7641	7475	7758	7625	1.87	cps
Lead	208-1	34725	34431	34958	34705	0.76	cps
Lithium	6-1	1332574	1341102	1320405	1331360	0.78	cps
Magnesium	24-2	32321	32112	31570	32001	1.21	cps
Manganese	55-2	3074	3000	3104	3059	1.74	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-11	Instrumnet Name :	P8
Client Sample ID :	XADI-120-FL3-BRG-W4-I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:04:10	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	350	283	311	11.15	cps
Molybdenum	95-1	142	142	158	147	6.54	cps
Molybdenum	96-1	208	158	292	219	30.69	cps
Molybdenum	97-1	83	150	125	119	28.20	cps
Molybdenum	98-1	317	208	242	256	21.71	cps
Neodymium	150-1	40	40	0	27	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	10788	10914	10801	10834	0.64	cps
Phosphorus	31-2	275	292	308	292	5.72	cps
Potassium	39-2	9954	9404	9754	9704	2.87	cps
Rhodium	103-1	8192880	8252179	8077345	8174135	1.09	cps
Rhodium	103-2	2111242	2112470	2104971	2109561	0.19	cps
Scandium	45-1	5056171	5081127	4971313	5036204	1.14	cps
Scandium	45-2	38169	37778	37617	37854	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-8	111	64	56	107.35	cps
Silicon	28-1	3459771	3434266	3483892	3459310	0.72	cps
Silver	109-1	133	217	192	181	23.68	cps
Silver	107-1	225	225	250	233	6.19	cps
Sodium	23-2	606525	602894	604965	604795	0.30	cps
Strontium	86-1	50151	49700	48654	49502	1.55	cps
Strontium	88-1	426989	421620	422989	423866	0.66	cps
Sulfur	34-1	407112	410779	408743	408878	0.45	cps
Terbium	159-1	11624260	11797624	11480204	11634029	1.37	cps
Terbium	159-2	2242990	2226400	2199917	2223102	0.98	cps
Thallium	203-1	158	108	167	144	21.84	cps
Thallium	205-1	400	275	342	339	18.46	cps
Tin	118-1	800	767	683	750	8.01	cps
Titanium	47-1	542	367	458	456	19.21	cps
Uranium	238-1	317	342	100	253	52.57	cps
Vanadium	51-2	50	93	57	67	35.00	cps
Yttrium	89-1	9122782	9188352	9032398	9114511	0.86	cps
Yttrium	89-2	263251	267695	259380	263442	1.58	cps
Zinc	66-2	19494	19824	19564	19627	0.89	cps
Zirconium	90-1	525	683	608	606	13.08	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-11	Instrumnet Name :	P8
Client Sample ID :	XADI-120-FL3-BRG-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:04:10	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	192	167	153	31.02	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-12 Instrumnet Name : P8
 Client Sample ID : XADI-121-FL3-BRG-W4-Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:07:17 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	125	158	167	27.84	cps
Antimony	121-1	342	392	533	422	23.55	cps
Arsenic	75-2	44	28	46	40	25.82	cps
Barium	135-1	29066	29642	28983	29230	1.23	cps
Barium	137-1	51526	53049	51417	51998	1.75	cps
Beryllium	9-1	56	22	22	33	57.75	cps
Bismuth	209-1	7339317	7349245	7401905	7363489	0.46	cps
Bismuth	209-2	1850906	1818297	1767006	1812070	2.33	cps
Boron	10-1	558	525	658	581	11.95	cps
Boron	11-1	2675	2717	2934	2775	5.00	cps
Cadmium	111-1	1244	1262	1133	1213	5.75	cps
Cadmium	106-1	1734	1792	1600	1709	5.75	cps
Cadmium	108-1	4	25	29	19	68.87	cps
Calcium	43-1	119699	119640	120036	119792	0.18	cps
Calcium	44-1	2038050	2061825	2047484	2049120	0.58	cps
Chromium	52-2	407	447	463	439	6.64	cps
Cobalt	59-2	53	90	70	71	25.82	cps
Copper	63-2	221034	220131	220372	220512	0.21	cps
Dysprosium	156-1	58	75	8	47	73.48	cps
Dysprosium	156-2	20	10	17	16	32.73	cps
Erbium	164-1	125	50	83	86	43.64	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	58	117	142	106	40.51	cps
Gadolinium	160-2	27	20	10	19	44.42	cps
Holmium	165-1	11342121	11376612	11340001	11352911	0.18	cps
Holmium	165-2	2327365	2247272	2208271	2260969	2.69	cps
Indium	115-1	9062257	9025636	9072086	9053326	0.27	cps
Indium	115-2	361505	350239	345835	352526	2.29	cps
Iron	56-2	84972	91471	83864	86769	4.74	cps
Iron	57-2	2078	2289	1889	2085	9.60	cps
Lead	206-1	19293	19338	19298	19310	0.13	cps
Lead	207-1	16545	16678	16328	16517	1.07	cps
Lead	208-1	76074	75907	76715	76232	0.56	cps
Lithium	6-1	1350415	1357947	1338327	1348896	0.73	cps
Magnesium	24-2	30901	31319	31202	31141	0.69	cps
Manganese	55-2	6165	5855	6141	6054	2.85	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-12 Instrumnet Name : P8
 Client Sample ID : XADI-121-FL3-BRG-W4-Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:07:17 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400	417	400	406	2.37	cps
Molybdenum	95-1	183	175	158	172	7.39	cps
Molybdenum	96-1	325	233	283	281	16.36	cps
Molybdenum	97-1	125	117	117	119	4.03	cps
Molybdenum	98-1	292	225	167	228	27.46	cps
Neodymium	150-1	67	60	80	69	14.78	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	3130	3040	3027	3066	1.83	cps
Phosphorus	31-2	283	208	267	253	15.58	cps
Potassium	39-2	9679	9604	9695	9659	0.51	cps
Rhodium	103-1	8272881	8287734	8230304	8263640	0.36	cps
Rhodium	103-2	2137731	2063841	2055132	2085568	2.18	cps
Scandium	45-1	5018968	5049762	5048750	5039160	0.35	cps
Scandium	45-2	37513	36341	36330	36728	1.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-20	18	-3	-2	-1217.54	cps
Silicon	28-1	3501153	3546748	3453264	3500388	1.34	cps
Silver	109-1	83	75	117	92	24.05	cps
Silver	107-1	108	167	192	156	27.49	cps
Sodium	23-2	621651	613941	616996	617529	0.63	cps
Strontium	86-1	48754	48579	48186	48506	0.60	cps
Strontium	88-1	421995	420736	422388	421706	0.20	cps
Sulfur	34-1	414322	411237	414427	413329	0.44	cps
Terbium	159-1	11879049	11764651	11785669	11809790	0.52	cps
Terbium	159-2	2254301	2196296	2160650	2203749	2.14	cps
Thallium	203-1	133	183	108	142	26.96	cps
Thallium	205-1	350	408	400	386	8.17	cps
Tin	118-1	767	883	783	811	7.78	cps
Titanium	47-1	575	625	3623	1608	108.57	cps
Uranium	238-1	417	433	308	386	17.58	cps
Vanadium	51-2	87	50	70	69	26.65	cps
Yttrium	89-1	9135514	9128523	9092549	9118862	0.25	cps
Yttrium	89-2	263435	256172	255339	258315	1.72	cps
Zinc	66-2	10894	11118	10691	10901	1.96	cps
Zirconium	90-1	842	875	892	870	2.93	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-12	Instrumnet Name :	P8
Client Sample ID :	XADI-121-FL3-BRG-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:07:17	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	208	92	167	39.05	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-13 Instrumnet Name : P8
 Client Sample ID : XADI-122-FL3-H-W4-BB- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:10:23 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	100	67	45.07	cps
Antimony	121-1	642	558	683	628	10.14	cps
Arsenic	75-2	30	35	33	33	8.65	cps
Barium	135-1	26861	27656	26736	27084	1.84	cps
Barium	137-1	47085	46441	46491	46672	0.77	cps
Beryllium	9-1	33	22	33	30	21.65	cps
Bismuth	209-1	7413015	7402080	7429042	7414712	0.18	cps
Bismuth	209-2	1871576	1854016	1858006	1861199	0.49	cps
Boron	10-1	658	533	608	600	10.49	cps
Boron	11-1	3334	2809	2709	2950	11.38	cps
Cadmium	111-1	1386	1275	1315	1325	4.25	cps
Cadmium	106-1	1734	1542	1642	1639	5.85	cps
Cadmium	108-1	33	54	38	42	26.47	cps
Calcium	43-1	123145	122320	120405	121956	1.15	cps
Calcium	44-1	2042902	2042076	2017586	2034188	0.71	cps
Chromium	52-2	433	380	350	388	10.89	cps
Cobalt	59-2	77	90	80	82	8.44	cps
Copper	63-2	371078	366390	367887	368452	0.65	cps
Dysprosium	156-1	25	8	58	31	83.33	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	25	75	58	53	48.24	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	108	92	100	100	8.33	cps
Gadolinium	160-2	13	17	20	17	20.01	cps
Holmium	165-1	11624482	11423032	11147464	11398326	2.10	cps
Holmium	165-2	2306270	2284576	2277425	2289424	0.66	cps
Indium	115-1	9003128	8858925	8937972	8933342	0.81	cps
Indium	115-2	358686	358287	351914	356296	1.07	cps
Iron	56-2	14497	15043	14870	14803	1.89	cps
Iron	57-2	333	483	411	409	18.33	cps
Lead	206-1	8442	8698	8720	8620	1.79	cps
Lead	207-1	7747	7730	7497	7658	1.83	cps
Lead	208-1	34069	34619	33818	34169	1.20	cps
Lithium	6-1	1351492	1348547	1333444	1344494	0.72	cps
Magnesium	24-2	32079	30500	31929	31503	2.77	cps
Manganese	55-2	3067	3350	3134	3184	4.65	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-13 Instrumnet Name : P8
 Client Sample ID : XADI-122-FL3-H-W4-BB- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:10:23 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	433	217	367	339	32.75	cps
Molybdenum	95-1	217	92	167	158	39.74	cps
Molybdenum	96-1	242	233	208	228	7.62	cps
Molybdenum	97-1	175	117	108	133	27.24	cps
Molybdenum	98-1	275	267	250	264	4.82	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	1864	1603	1540	1669	10.27	cps
Phosphorus	31-2	142	258	250	217	30.04	cps
Potassium	39-2	9020	9770	10062	9618	5.59	cps
Rhodium	103-1	8261559	8249022	8228092	8246224	0.21	cps
Rhodium	103-2	2123606	2121201	2109322	2118043	0.36	cps
Scandium	45-1	5075901	5092694	5008636	5059077	0.88	cps
Scandium	45-2	37467	37417	38062	37648	0.95	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-63	31	-76	-36	-162.71	cps
Silicon	28-1	3593973	3555481	3591523	3580326	0.60	cps
Silver	109-1	267	308	242	272	12.37	cps
Silver	107-1	225	317	358	300	22.74	cps
Sodium	23-2	609526	603685	599100	604103	0.86	cps
Strontium	86-1	49215	48203	49014	48810	1.10	cps
Strontium	88-1	422419	418660	425107	422062	0.77	cps
Sulfur	34-1	418636	415456	415480	416524	0.44	cps
Terbium	159-1	11787371	11794265	11710091	11763909	0.40	cps
Terbium	159-2	2197099	2230988	2230232	2219440	0.87	cps
Thallium	203-1	175	175	150	167	8.66	cps
Thallium	205-1	375	450	233	353	31.19	cps
Tin	118-1	683	933	1042	886	20.74	cps
Titanium	47-1	425	467	558	483	14.11	cps
Uranium	238-1	225	133	158	172	27.52	cps
Vanadium	51-2	47	83	37	56	44.23	cps
Yttrium	89-1	9229559	9205470	9124549	9186526	0.60	cps
Yttrium	89-2	260892	263011	260661	261521	0.50	cps
Zinc	66-2	39299	39008	38400	38902	1.18	cps
Zirconium	90-1	467	758	658	628	23.61	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-13	Instrumnet Name :	P8
Client Sample ID :	XADI-122-FL3-H-W4-BB-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:10:23	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	183	125	147	21.43	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-14	Instrumnet Name :	P8
Client Sample ID :	XADI-123-FL3-H-W4-BB-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:13:30	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	92	42	58	49.48	cps
Antimony	121-1	500	500	492	497	0.97	cps
Arsenic	75-2	39	35	41	38	7.38	cps
Barium	135-1	28131	29116	29125	28791	1.99	cps
Barium	137-1	50983	49376	50523	50294	1.64	cps
Beryllium	9-1	33	50	11	31	61.98	cps
Bismuth	209-1	7393639	7280126	7299969	7324578	0.83	cps
Bismuth	209-2	1833212	1828899	1832608	1831573	0.13	cps
Boron	10-1	633	617	567	606	5.73	cps
Boron	11-1	2784	2942	3000	2909	3.86	cps
Cadmium	111-1	1169	1221	1086	1159	5.84	cps
Cadmium	106-1	1558	1625	1467	1550	5.13	cps
Cadmium	108-1	25	13	4	14	75.48	cps
Calcium	43-1	122287	118943	119632	120287	1.47	cps
Calcium	44-1	2046435	2048376	2006009	2033606	1.18	cps
Chromium	52-2	350	410	377	379	7.93	cps
Cobalt	59-2	57	77	57	63	18.23	cps
Copper	63-2	262720	264018	261902	262880	0.41	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	42	58	58	53	18.23	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	83	125	75	94	28.37	cps
Gadolinium	160-2	20	13	0	11	91.66	cps
Holmium	165-1	11334942	11330580	11168691	11278071	0.84	cps
Holmium	165-2	2279101	2265611	2271828	2272180	0.30	cps
Indium	115-1	9005877	8866338	8763550	8878589	1.37	cps
Indium	115-2	358085	354821	357694	356867	0.50	cps
Iron	56-2	13691	12628	19019	15113	22.66	cps
Iron	57-2	267	361	317	315	15.01	cps
Lead	206-1	5518	5551	5512	5527	0.38	cps
Lead	207-1	4951	4618	4934	4834	3.89	cps
Lead	208-1	22803	21547	22253	22201	2.84	cps
Lithium	6-1	1329287	1328896	1316433	1324872	0.55	cps
Magnesium	24-2	32187	31235	31820	31747	1.51	cps
Manganese	55-2	2947	3137	2947	3010	3.65	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-14 Instrumnet Name : P8
 Client Sample ID : XADI-123-FL3-H-W4-BB- Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:13:30 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	467	300	333	36.05	cps
Molybdenum	95-1	208	175	208	197	9.76	cps
Molybdenum	96-1	175	225	192	197	12.91	cps
Molybdenum	97-1	167	133	142	147	11.79	cps
Molybdenum	98-1	317	308	333	319	3.98	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	530	527	570	542	4.45	cps
Phosphorus	31-2	250	308	133	231	38.65	cps
Potassium	39-2	9437	9554	9896	9629	2.48	cps
Rhodium	103-1	8222971	8115362	8052115	8130149	1.06	cps
Rhodium	103-2	2095517	2095984	2074793	2088765	0.58	cps
Scandium	45-1	4992013	4938562	4952690	4961088	0.56	cps
Scandium	45-2	37771	36962	37153	37295	1.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-75	-60	-42	-59	-27.83	cps
Silicon	28-1	3427964	3419008	3406808	3417927	0.31	cps
Silver	109-1	242	208	267	239	12.25	cps
Silver	107-1	250	208	258	239	11.21	cps
Sodium	23-2	596344	596732	590853	594643	0.55	cps
Strontium	86-1	51766	49583	49767	50372	2.40	cps
Strontium	88-1	436617	433629	430771	433672	0.67	cps
Sulfur	34-1	416424	413421	414560	414802	0.37	cps
Terbium	159-1	11768566	11631829	11574619	11658338	0.85	cps
Terbium	159-2	2217179	2199571	2205801	2207517	0.40	cps
Thallium	203-1	175	133	242	183	29.81	cps
Thallium	205-1	458	442	417	439	4.78	cps
Tin	118-1	625	758	775	719	11.43	cps
Titanium	47-1	583	375	458	472	22.20	cps
Uranium	238-1	292	275	167	244	27.76	cps
Vanadium	51-2	40	60	63	54	23.18	cps
Yttrium	89-1	9068850	9093311	8937172	9033111	0.93	cps
Yttrium	89-2	261752	258513	258293	259519	0.75	cps
Zinc	66-2	8206	8279	8179	8221	0.63	cps
Zirconium	90-1	783	733	650	722	9.33	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-14	Instrumnet Name :	P8
Client Sample ID :	XADI-123-FL3-H-W4-BB-	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:13:30	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	117	200	142	35.78	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-15 Instrumnet Name : P8
 Client Sample ID : XADI-124-FL3-STEMLST Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:16:37 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	50	150	92	56.78	cps
Antimony	121-1	525	433	492	483	9.60	cps
Arsenic	75-2	35	28	35	33	13.08	cps
Barium	135-1	26811	26093	25626	26177	2.28	cps
Barium	137-1	46491	46794	44643	45976	2.53	cps
Beryllium	9-1	39	11	50	33	60.09	cps
Bismuth	209-1	7383068	7476925	7305729	7388574	1.16	cps
Bismuth	209-2	1846614	1720737	1825431	1797594	3.75	cps
Boron	10-1	500	567	583	550	8.02	cps
Boron	11-1	2734	2792	2900	2809	3.01	cps
Cadmium	111-1	1166	1131	1241	1179	4.79	cps
Cadmium	106-1	1642	1600	1717	1653	3.58	cps
Cadmium	108-1	13	8	21	14	45.83	cps
Calcium	43-1	119731	118204	117422	118452	0.99	cps
Calcium	44-1	2002442	2009287	1962970	1991566	1.26	cps
Chromium	52-2	407	463	357	409	13.05	cps
Cobalt	59-2	53	47	40	47	14.28	cps
Copper	63-2	448664	450679	440275	446539	1.24	cps
Dysprosium	156-1	75	42	50	56	31.22	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	67	67	25	53	45.58	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	92	83	8	61	75.11	cps
Gadolinium	160-2	0	3	17	7	132.33	cps
Holmium	165-1	11317327	11499714	11188781	11335274	1.38	cps
Holmium	165-2	2282943	2133589	2248141	2221558	3.52	cps
Indium	115-1	9081164	8990597	8880406	8984056	1.12	cps
Indium	115-2	357952	329120	353158	346743	4.46	cps
Iron	56-2	13263	12695	12663	12874	2.62	cps
Iron	57-2	439	394	294	376	19.68	cps
Lead	206-1	5590	5824	5852	5755	2.49	cps
Lead	207-1	4796	4651	4801	4749	1.79	cps
Lead	208-1	22153	22347	21825	22108	1.19	cps
Lithium	6-1	1323248	1346585	1342440	1337424	0.93	cps
Magnesium	24-2	32121	31002	30943	31355	2.12	cps
Manganese	55-2	2820	2917	2820	2853	1.96	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-15	Instrumnet Name :	P8
Client Sample ID :	XADI-124-FL3-STEMLST	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:16:37	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	292	275	297	8.57	cps
Molybdenum	95-1	142	142	208	164	23.49	cps
Molybdenum	96-1	133	292	208	211	37.52	cps
Molybdenum	97-1	117	133	175	142	21.21	cps
Molybdenum	98-1	325	283	250	286	13.13	cps
Neodymium	150-1	33	33	27	31	12.37	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1003	1040	960	1001	4.00	cps
Phosphorus	31-2	342	242	250	278	19.97	cps
Potassium	39-2	9687	9704	9112	9501	3.55	cps
Rhodium	103-1	8365263	8286820	8140966	8264350	1.38	cps
Rhodium	103-2	2115467	1955868	2088333	2053223	4.16	cps
Scandium	45-1	5028229	5091000	4976190	5031806	1.14	cps
Scandium	45-2	37200	34502	36992	36231	4.14	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-19	-68	-32	-40	-64.88	cps
Silicon	28-1	3483458	3451633	3422128	3452406	0.89	cps
Silver	109-1	208	192	175	192	8.69	cps
Silver	107-1	167	108	117	131	24.17	cps
Sodium	23-2	601114	601172	586461	596249	1.42	cps
Strontium	86-1	49081	47375	48479	48312	1.79	cps
Strontium	88-1	416441	413576	413985	414667	0.37	cps
Sulfur	34-1	415033	417779	418102	416971	0.40	cps
Terbium	159-1	11785288	11817519	11713342	11772050	0.45	cps
Terbium	159-2	2236124	2076130	2228373	2180209	4.14	cps
Thallium	203-1	100	158	158	139	24.25	cps
Thallium	205-1	383	450	400	411	8.44	cps
Tin	118-1	625	1554	800	993	49.71	cps
Titanium	47-1	483	442	367	431	13.73	cps
Uranium	238-1	183	167	183	178	5.41	cps
Vanadium	51-2	100	60	53	71	35.50	cps
Yttrium	89-1	9157642	9232040	9128113	9172598	0.58	cps
Yttrium	89-2	261226	242785	259977	254663	4.05	cps
Zinc	66-2	13360	13600	13323	13428	1.12	cps
Zirconium	90-1	692	575	583	617	10.56	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-15	Instrumnet Name :	P8
Client Sample ID :	XADI-124-FL3-STEMLST	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:16:37	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	175	108	147	23.57	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-16	Instrumnet Name :	P8
Client Sample ID :	XADI-125-FL3-STEMLST	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:19:44	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	67	25	53	45.58	cps
Antimony	121-1	600	483	533	539	10.86	cps
Arsenic	75-2	26	20	33	27	24.49	cps
Barium	135-1	26336	26928	26578	26614	1.12	cps
Barium	137-1	45797	46901	45463	46054	1.63	cps
Beryllium	9-1	33	44	22	33	33.35	cps
Bismuth	209-1	7339868	7180520	7173531	7231306	1.30	cps
Bismuth	209-2	1809975	1793723	1805404	1803034	0.46	cps
Boron	10-1	492	817	617	642	25.55	cps
Boron	11-1	3042	2717	2725	2828	6.55	cps
Cadmium	111-1	1208	1344	1143	1232	8.33	cps
Cadmium	106-1	1709	1900	1617	1742	8.30	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	115959	117614	116345	116639	0.74	cps
Calcium	44-1	1959123	1986873	1947818	1964605	1.02	cps
Chromium	52-2	437	447	443	442	1.15	cps
Cobalt	59-2	50	37	67	51	29.41	cps
Copper	63-2	419656	420923	417449	419342	0.42	cps
Dysprosium	156-1	50	25	8	28	75.51	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	75	33	83	64	41.93	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	83	67	33	61	41.67	cps
Gadolinium	160-2	7	27	7	13	86.58	cps
Holmium	165-1	11166571	11142571	11135160	11148101	0.15	cps
Holmium	165-2	2242096	2269086	2228564	2246582	0.92	cps
Indium	115-1	8874574	8804382	8818349	8832435	0.42	cps
Indium	115-2	350022	352779	346021	349607	0.97	cps
Iron	56-2	13224	12762	12885	12957	1.85	cps
Iron	57-2	306	294	311	304	2.79	cps
Lead	206-1	1972	1800	1834	1869	4.89	cps
Lead	207-1	1650	1467	1439	1519	7.55	cps
Lead	208-1	7457	6951	7129	7179	3.57	cps
Lithium	6-1	1306133	1300004	1320840	1308992	0.82	cps
Magnesium	24-2	30150	31043	30033	30409	1.82	cps
Manganese	55-2	3541	3717	3420	3559	4.19	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-16	Instrumnet Name :	P8
Client Sample ID :	XADI-125-FL3-STEMLST	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:19:44	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	508	408	317	411	23.32	cps
Molybdenum	95-1	183	142	192	172	15.56	cps
Molybdenum	96-1	292	200	200	231	22.95	cps
Molybdenum	97-1	133	133	108	125	11.55	cps
Molybdenum	98-1	208	275	175	219	23.20	cps
Neodymium	150-1	40	7	20	22	75.49	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	247	263	293	268	8.83	cps
Phosphorus	31-2	300	242	167	236	28.31	cps
Potassium	39-2	9537	9053	9587	9392	3.14	cps
Rhodium	103-1	8108288	8055220	8127992	8097167	0.46	cps
Rhodium	103-2	2058201	2056097	2034411	2049570	0.64	cps
Scandium	45-1	4936647	4867083	4924841	4909524	0.76	cps
Scandium	45-2	37417	37584	36173	37058	2.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-26	30	-26	-7	-431.04	cps
Silicon	28-1	3420155	3892237	3418350	3576914	7.63	cps
Silver	109-1	133	125	92	117	18.90	cps
Silver	107-1	183	192	250	208	17.44	cps
Sodium	23-2	591110	589306	584559	588325	0.58	cps
Strontium	86-1	47634	47224	48028	47629	0.84	cps
Strontium	88-1	408333	404300	408162	406932	0.56	cps
Sulfur	34-1	415258	419408	417744	417470	0.50	cps
Terbium	159-1	11532233	11538363	11481840	11517479	0.27	cps
Terbium	159-2	2201820	2186104	2167124	2185016	0.80	cps
Thallium	203-1	183	208	133	175	21.82	cps
Thallium	205-1	408	300	350	353	15.37	cps
Tin	118-1	592	825	667	694	17.15	cps
Titanium	47-1	834	525	483	614	31.16	cps
Uranium	238-1	150	158	175	161	7.90	cps
Vanadium	51-2	63	67	40	57	25.64	cps
Yttrium	89-1	9048813	8950940	8902810	8967521	0.83	cps
Yttrium	89-2	256992	258834	253046	256291	1.15	cps
Zinc	66-2	1450	1303	1313	1356	6.05	cps
Zirconium	90-1	542	2577	733	1284	87.52	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-16	Instrumnet Name :	P8
Client Sample ID :	XADI-125-FL3-STEMLST	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:19:44	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	225	233	214	12.53	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-17 Instrumnet Name : P8
 Client Sample ID : XADI-126-FL3-BRSL-W4 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:22:52 DataFile Name : 073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	42	25	57.73	cps
Antimony	121-1	26903	27120	25818	26614	2.62	cps
Arsenic	75-2	20	28	28	25	16.90	cps
Barium	135-1	24958	25208	24782	24983	0.86	cps
Barium	137-1	44074	44033	44025	44044	0.06	cps
Beryllium	9-1	56	22	44	41	41.67	cps
Bismuth	209-1	6918464	6924201	6868579	6903748	0.44	cps
Bismuth	209-2	1654315	1655194	1691864	1667124	1.29	cps
Boron	10-1	542	517	683	581	15.48	cps
Boron	11-1	2650	2600	2442	2564	4.24	cps
Cadmium	111-1	1298	1269	1098	1222	8.85	cps
Cadmium	106-1	1775	1734	1467	1659	10.09	cps
Cadmium	108-1	46	33	29	36	24.01	cps
Calcium	43-1	108852	108508	110271	109211	0.86	cps
Calcium	44-1	1837617	1848061	1820535	1835405	0.76	cps
Chromium	52-2	363	393	403	387	5.38	cps
Cobalt	59-2	70	90	60	73	20.83	cps
Copper	63-2	389693	390594	390166	390151	0.12	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	33	67	67	56	34.65	cps
Gadolinium	160-2	13	7	0	7	99.98	cps
Holmium	165-1	10463241	10484413	10432924	10460193	0.25	cps
Holmium	165-2	2165274	2135936	2150582	2150597	0.68	cps
Indium	115-1	8347116	8314622	8289210	8316983	0.35	cps
Indium	115-2	337945	334906	337004	336619	0.46	cps
Iron	56-2	11211	11640	10393	11081	5.72	cps
Iron	57-2	311	250	333	298	14.47	cps
Lead	206-1	5585	5468	5540	5531	1.07	cps
Lead	207-1	5107	4768	4607	4827	5.29	cps
Lead	208-1	22130	21296	21625	21684	1.94	cps
Lithium	6-1	1241432	1225780	1235424	1234212	0.64	cps
Magnesium	24-2	28346	28646	29030	28674	1.20	cps
Manganese	55-2	1617	1510	1383	1503	7.77	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-17	Instrumnet Name :	P8
Client Sample ID :	XADI-126-FL3-BRSL-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:22:52	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	350	283	308	11.78	cps
Molybdenum	95-1	167	108	133	136	21.50	cps
Molybdenum	96-1	167	233	200	200	16.67	cps
Molybdenum	97-1	133	133	75	114	29.57	cps
Molybdenum	98-1	283	267	233	261	9.75	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	3167	3304	3224	3232	2.13	cps
Phosphorus	31-2	142	217	208	189	21.76	cps
Potassium	39-2	8778	8795	8862	8811	0.50	cps
Rhodium	103-1	7691405	7675357	7646398	7671053	0.30	cps
Rhodium	103-2	1982525	1961138	1982319	1975327	0.62	cps
Scandium	45-1	4734672	4730110	4711206	4725329	0.26	cps
Scandium	45-2	34780	35348	35465	35198	1.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-46	16	-12	-14	-226.81	cps
Silicon	28-1	3167585	3158684	3611396	3312555	7.81	cps
Silver	109-1	250	200	175	208	18.33	cps
Silver	107-1	325	192	317	278	26.89	cps
Sodium	23-2	561326	559512	560754	560531	0.17	cps
Strontium	86-1	44139	43361	44105	43869	1.00	cps
Strontium	88-1	383369	382262	385323	383651	0.40	cps
Sulfur	34-1	418863	418304	415843	417670	0.38	cps
Terbium	159-1	10973058	10941437	10789724	10901407	0.90	cps
Terbium	159-2	2109466	2087721	2089302	2095496	0.58	cps
Thallium	203-1	217	233	192	214	9.81	cps
Thallium	205-1	517	458	533	503	7.83	cps
Tin	118-1	3851	3451	4076	3792	8.35	cps
Titanium	47-1	350	417	317	361	14.10	cps
Uranium	238-1	192	100	142	144	31.77	cps
Vanadium	51-2	57	27	73	52	45.28	cps
Yttrium	89-1	8453990	8538924	8417802	8470239	0.73	cps
Yttrium	89-2	245499	247354	244621	245825	0.57	cps
Zinc	66-2	41890	41810	41428	41709	0.59	cps
Zirconium	90-1	617	542	600	586	6.72	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-17	Instrumnet Name :	P8
Client Sample ID :	XADI-126-FL3-BRSL-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:22:52	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	75	125	94	28.37	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-18	Instrumnet Name :	P8
Client Sample ID :	XADI-127-FL3-BRSL-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:26:00	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	83	50	61	31.50	cps
Antimony	121-1	1517	1509	1417	1481	3.75	cps
Arsenic	75-2	31	30	31	31	3.46	cps
Barium	135-1	27922	27245	27964	27711	1.46	cps
Barium	137-1	49570	48791	48666	49009	1.00	cps
Beryllium	9-1	39	22	33	31	26.96	cps
Bismuth	209-1	7156146	7102163	7210912	7156407	0.76	cps
Bismuth	209-2	1842143	1802759	1810727	1818543	1.15	cps
Boron	10-1	558	625	483	556	12.76	cps
Boron	11-1	2667	3175	2750	2864	9.52	cps
Cadmium	111-1	1196	1288	1211	1232	3.99	cps
Cadmium	106-1	1642	1767	1709	1706	3.67	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Calcium	43-1	121429	118995	116875	119099	1.91	cps
Calcium	44-1	2022906	2002749	2001762	2009139	0.59	cps
Chromium	52-2	360	393	377	377	4.43	cps
Cobalt	59-2	53	33	40	42	24.12	cps
Copper	63-2	341472	341929	345394	342932	0.63	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	50	58	44	39.04	cps
Erbium	164-2	23	3	7	11	96.43	cps
Gadolinium	160-1	58	42	75	58	28.57	cps
Gadolinium	160-2	20	3	13	12	68.66	cps
Holmium	165-1	11101232	10840595	11067337	11003055	1.29	cps
Holmium	165-2	2260200	2225630	2205140	2230323	1.25	cps
Indium	115-1	8639750	8581832	8754579	8658720	1.02	cps
Indium	115-2	353928	345786	352130	350614	1.22	cps
Iron	56-2	13313	12578	12734	12875	3.01	cps
Iron	57-2	317	294	367	326	11.35	cps
Lead	206-1	5724	5746	5635	5701	1.03	cps
Lead	207-1	4784	4901	5151	4946	3.79	cps
Lead	208-1	22492	22748	22620	22620	0.57	cps
Lithium	6-1	1293021	1265062	1287457	1281847	1.15	cps
Magnesium	24-2	30475	29632	29774	29960	1.51	cps
Manganese	55-2	1513	1520	1597	1543	3.00	cps

LB Number : LB91013 Operator : Jaswal
 Lab Sample ID : I5992-18 Instrumnet Name : P8
 Client Sample ID : XADI-127-FL3-BRSL-W4 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-21 18:26:00 DataFile Name : 074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	283	267	278	3.46	cps
Molybdenum	95-1	142	125	175	147	17.29	cps
Molybdenum	96-1	175	258	250	228	20.15	cps
Molybdenum	97-1	92	125	108	108	15.39	cps
Molybdenum	98-1	250	225	250	242	5.97	cps
Neodymium	150-1	27	7	33	22	62.44	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	587	497	610	564	10.60	cps
Phosphorus	31-2	242	258	233	244	5.21	cps
Potassium	39-2	9454	9412	9112	9326	2.00	cps
Rhodium	103-1	8027851	7950363	8095263	8024492	0.90	cps
Rhodium	103-2	2088046	2054844	2065438	2069443	0.82	cps
Scandium	45-1	4880191	4862079	4935515	4892595	0.78	cps
Scandium	45-2	37036	36758	36868	36887	0.38	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	9	2	0	4	132.32	cps
Selenium	82-1	29	-121	29	-21	-407.26	cps
Silicon	28-1	3378177	3380348	3311271	3356599	1.17	cps
Silver	109-1	433	350	367	383	11.50	cps
Silver	107-1	392	558	458	469	17.87	cps
Sodium	23-2	598199	589018	599142	595453	0.94	cps
Strontium	86-1	49106	48688	48763	48852	0.46	cps
Strontium	88-1	418480	420220	413875	417525	0.79	cps
Sulfur	34-1	412533	413815	411972	412773	0.23	cps
Terbium	159-1	11385822	11157657	11406251	11316576	1.22	cps
Terbium	159-2	2228130	2167555	2195878	2197188	1.38	cps
Thallium	203-1	133	117	108	119	10.66	cps
Thallium	205-1	367	467	283	372	24.66	cps
Tin	118-1	1458	1383	1308	1383	5.42	cps
Titanium	47-1	533	442	417	464	13.24	cps
Uranium	238-1	175	192	200	189	6.74	cps
Vanadium	51-2	43	60	43	49	19.69	cps
Yttrium	89-1	8785593	8784744	8924810	8831716	0.91	cps
Yttrium	89-2	258270	256376	258959	257868	0.52	cps
Zinc	66-2	15499	15696	15008	15401	2.30	cps
Zirconium	90-1	592	733	692	672	10.83	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	I5992-18	Instrumnet Name :	P8
Client Sample ID :	XADI-127-FL3-BRSL-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:26:00	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	142	83	125	29.06	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:29:07	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	8	8	100.02	cps
Antimony	121-1	42	33	42	39	12.38	cps
Arsenic	75-2	2	6	4	4	50.09	cps
Barium	135-1	42	33	33	36	13.33	cps
Barium	137-1	50	92	92	78	30.93	cps
Beryllium	9-1	28	28	72	43	60.25	cps
Bismuth	209-1	6823671	6787109	6815019	6808599	0.28	cps
Bismuth	209-2	1695255	1642393	1567135	1634928	3.94	cps
Boron	10-1	133	142	83	119	26.41	cps
Boron	11-1	458	517	658	544	18.89	cps
Cadmium	111-1	1092	1155	1086	1111	3.44	cps
Cadmium	106-1	1558	1650	1533	1581	3.89	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	1258	1292	1217	1256	2.99	cps
Calcium	44-1	15693	15559	15317	15523	1.23	cps
Chromium	52-2	380	383	377	380	0.88	cps
Cobalt	59-2	43	47	10	33	60.83	cps
Copper	63-2	127	100	137	121	15.65	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	67	17	36	74.18	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	33	67	58	53	32.88	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	10376112	10329438	10347916	10351155	0.23	cps
Holmium	165-2	2124381	2110542	2023048	2085990	2.63	cps
Indium	115-1	8224665	8224625	8269610	8239633	0.32	cps
Indium	115-2	339255	337158	320078	332164	3.17	cps
Iron	56-2	978	1022	917	972	5.45	cps
Iron	57-2	22	22	11	19	34.64	cps
Lead	206-1	2778592	2791906	2773697	2781398	0.34	cps
Lead	207-1	2557611	2557636	2566856	2560701	0.21	cps
Lead	208-1	11370316	11448449	11343550	11387438	0.48	cps
Lithium	6-1	1190741	1219233	1215560	1208511	1.28	cps
Magnesium	24-2	75	58	100	78	26.96	cps
Manganese	55-2	13	23	13	17	34.65	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:29:07	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	183	167	186	11.27	cps
Molybdenum	95-1	67	58	42	56	22.91	cps
Molybdenum	96-1	25	58	83	56	52.68	cps
Molybdenum	97-1	17	42	50	36	48.03	cps
Molybdenum	98-1	67	67	58	64	7.53	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	60	100	103	88	27.47	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	2025	2442	2250	2239	9.32	cps
Rhodium	103-1	7571642	7672344	7660264	7634750	0.72	cps
Rhodium	103-2	2005494	1977826	1878935	1954085	3.40	cps
Scandium	45-1	4624246	4621624	4572403	4606091	0.63	cps
Scandium	45-2	34730	34927	33246	34301	2.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	9	11	-22	-1	-2658.16	cps
Silicon	28-1	351920	350105	349406	350477	0.37	cps
Silver	109-1	67	33	33	44	43.31	cps
Silver	107-1	67	67	92	75	19.24	cps
Sodium	23-2	7828	7302	7719	7616	3.64	cps
Strontium	86-1	442	475	483	467	4.72	cps
Strontium	88-1	192	183	183	186	2.59	cps
Sulfur	34-1	385126	387005	385918	386016	0.24	cps
Terbium	159-1	10696007	10749399	10749584	10731663	0.29	cps
Terbium	159-2	2083027	2072513	1976562	2044034	2.87	cps
Thallium	203-1	167	167	175	169	2.84	cps
Thallium	205-1	333	392	342	356	8.87	cps
Tin	118-1	450	358	383	397	11.93	cps
Titanium	47-1	142	83	175	133	34.80	cps
Uranium	238-1	50	17	50	39	49.48	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	8388723	8359750	8423036	8390503	0.38	cps
Yttrium	89-2	245626	244275	232269	240723	3.05	cps
Zinc	66-2	73	70	60	68	10.24	cps
Zirconium	90-1	650	442	508	533	19.95	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:29:07	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	108	58	100	38.19	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:32:13	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	17	25	58	33	66.14	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	0	8	33	14	124.91	cps
Barium	137-1	17	17	33	22	43.28	cps
Beryllium	9-1	72	44	33	50	40.07	cps
Bismuth	209-1	6770238	6800712	6798336	6789762	0.25	cps
Bismuth	209-2	1683316	1729816	1651730	1688287	2.33	cps
Boron	10-1	108	58	142	103	40.81	cps
Boron	11-1	458	350	350	386	16.20	cps
Cadmium	111-1	1022	1153	1158	1111	6.93	cps
Cadmium	106-1	1467	1642	1659	1589	6.68	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Calcium	43-1	1167	1167	1150	1161	0.83	cps
Calcium	44-1	15075	16052	14692	15273	4.59	cps
Chromium	52-2	523	573	497	531	7.33	cps
Cobalt	59-2	27	40	20	29	35.25	cps
Copper	63-2	87	83	120	97	20.97	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	0	20	7	9	114.55	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	10297310	10484601	10422509	10401474	0.92	cps
Holmium	165-2	2118684	2155915	2155093	2143231	0.99	cps
Indium	115-1	8300767	8283996	8218451	8267738	0.53	cps
Indium	115-2	334581	336642	335779	335667	0.31	cps
Iron	56-2	995	989	939	974	3.14	cps
Iron	57-2	28	22	28	26	12.38	cps
Lead	206-1	544	606	550	567	5.96	cps
Lead	207-1	472	500	539	504	6.65	cps
Lead	208-1	2133	2267	2289	2230	3.77	cps
Lithium	6-1	1197002	1220527	1224154	1213894	1.21	cps
Magnesium	24-2	33	75	58	56	37.75	cps
Manganese	55-2	23	20	23	22	8.65	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:32:13	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	192	167	164	17.86	cps
Molybdenum	95-1	25	8	17	17	50.01	cps
Molybdenum	96-1	50	42	67	53	24.12	cps
Molybdenum	97-1	75	42	67	61	28.38	cps
Molybdenum	98-1	50	0	0	17	173.21	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	100	97	92	11.62	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2050	2359	2184	2197	7.04	cps
Rhodium	103-1	7506163	7720395	7610936	7612498	1.41	cps
Rhodium	103-2	1972737	1977626	1954799	1968388	0.61	cps
Scandium	45-1	4624578	4664683	4660768	4650010	0.48	cps
Scandium	45-2	34847	35411	34660	34973	1.12	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	6	4	24.86	cps
Selenium	82-1	-59	-33	36	-19	-264.45	cps
Silicon	28-1	345571	348095	346691	346786	0.36	cps
Silver	109-1	50	58	33	47	26.97	cps
Silver	107-1	50	75	83	69	24.98	cps
Sodium	23-2	7494	7044	7869	7469	5.53	cps
Strontium	86-1	400	517	442	453	13.06	cps
Strontium	88-1	192	175	158	175	9.53	cps
Sulfur	34-1	384510	385622	381162	383765	0.60	cps
Terbium	159-1	10676799	10894033	10770843	10780558	1.01	cps
Terbium	159-2	2078985	2130653	2074614	2094750	1.49	cps
Thallium	203-1	117	83	125	108	20.35	cps
Thallium	205-1	217	183	258	219	17.13	cps
Tin	118-1	658	617	633	636	3.30	cps
Titanium	47-1	142	133	217	164	28.00	cps
Uranium	238-1	67	50	67	61	15.75	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Yttrium	89-1	8329401	8451979	8472114	8417831	0.92	cps
Yttrium	89-2	244099	245730	245754	245194	0.39	cps
Zinc	66-2	30	27	57	38	43.52	cps
Zirconium	90-1	425	408	475	436	7.96	cps

LB Number :	LB91013	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2017-10-21 18:32:13	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	75	92	89	14.33	cps