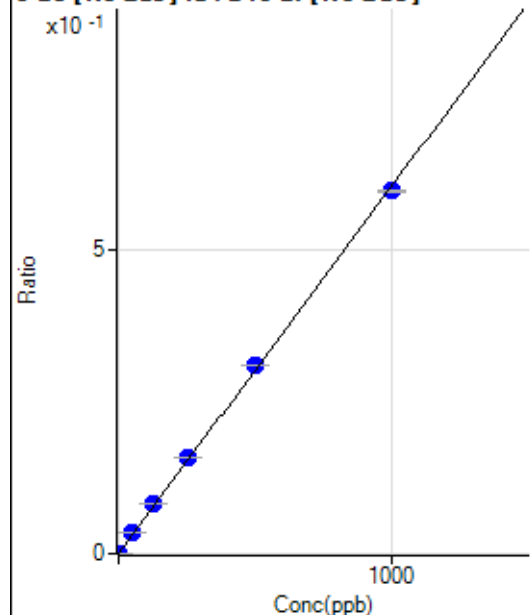


Batch Folder: D:\ICP-MS Data\P7121118-MS.b\
Analysis File: P7121118-MS.batch.bin
DA Date-Time: 2018-12-11 19:13:13
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-12-11 17:12:54
2			
3	005CALS.d	S02	2018-12-11 17:21:16
4	006CALS.d	S03	2018-12-11 17:25:10
5	007CALS.d	S04	2018-12-11 17:29:12
6	008CALS.d	S05	2018-12-11 17:33:00
7	009CALS.d	S06	2018-12-11 17:36:46
8	010CALS.d	S07	2018-12-11 17:40:29
9	011CALS.d	S08	2018-12-11 17:44:14

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.19	0.0000	P	24.8
2	☐	0.100					
3	☐	1.000	1.038	4159.95	0.0006	P	1.2
4	☐	50.000	56.396	224400.66	0.0342	P	0.9
5	☐	125.000	138.212	529890.44	0.0837	P	0.2
6	☐	250.000	263.725	952155.61	0.1597	P	0.4
7	☐	500.000	513.300	1778165.25	0.3109	P	0.8
8	☐	1000.000	987.947	3391975.25	0.5984	P	0.7
9	☐			396.31	0.0001	P	23.6

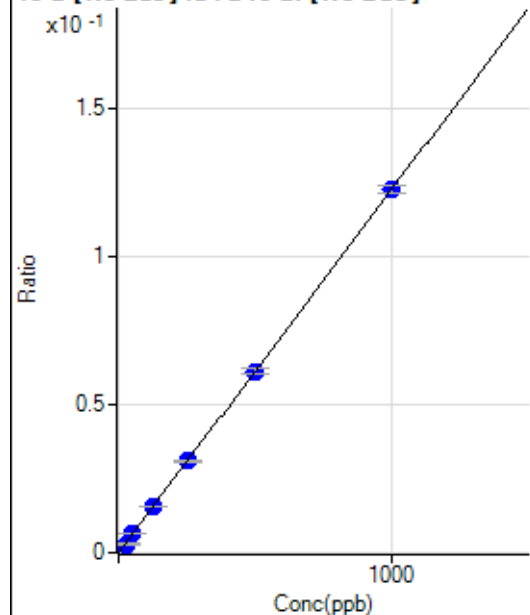
$$y = 6.0571\text{E-}004 * x + 5.5855\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.006859$$

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	191.68	0.0000	P	12.0
2	☐	2.500					
3	☐	25.000	23.418	19046.04	0.0029	P	2.1
4	☐	50.000	52.070	42182.27	0.0064	P	1.0
5	☐	125.000	127.069	98903.62	0.0156	P	3.3
6	☐	250.000	252.178	184658.30	0.0310	P	3.3
7	☐	500.000	498.748	350294.81	0.0613	P	3.1
8	☐	1000.000	999.759	695826.47	0.1228	P	2.2
9	☐			19938.90	0.0039	P	10.1

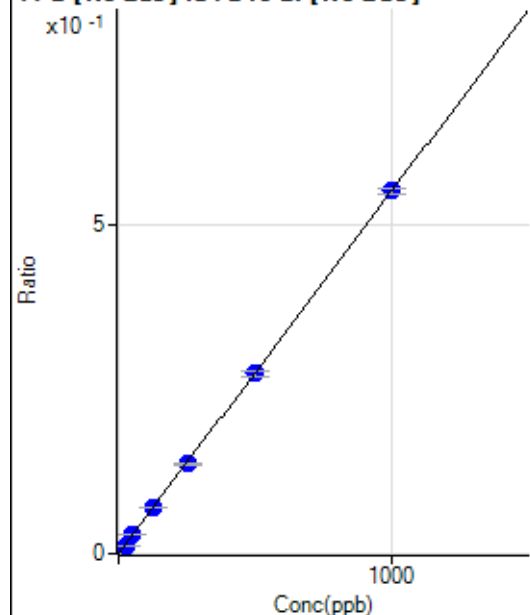
$$y = 1.2276\text{E-}004 * x + 3.0404\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.08932$$

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	897.28	0.0001	P	7.4
2	☐	2.500					
3	☐	25.000	22.699	83101.51	0.0127	P	1.4
4	☐	50.000	51.641	188202.54	0.0287	P	1.4
5	☐	125.000	127.060	444873.16	0.0703	P	1.3
6	☐	250.000	248.821	819577.73	0.1375	P	2.0
7	☐	500.000	497.348	1571135.25	0.2747	P	2.9
8	☐	1000.000	1001.339	3134552.63	0.5530	P	1.8
9	☐			89815.17	0.0174	P	9.0

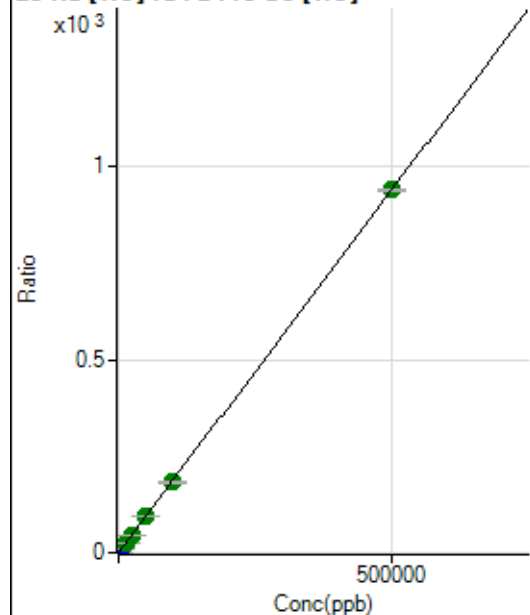
$$y = 5.5211\text{E-}004 * x + 1.4224\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.0575$$

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	6615.61	0.0192	P	1.0
2	☐	50.000					
3	☐	500.000	444.897	300368.25	0.8538	P	0.6
4	☐	5000.000	4842.237	3130276.72	9.1032	P	1.6
5	☐	12500.000	12406.050	7030255.89	23.2928	A	0.8
6	☐	25000.000	24512.019	12741483.79	46.0035	A	0.5
7	☐	50000.000	49392.411	25026745.70	92.6790	A	0.7
8	☐	100000.00	97097.272	51593878.23	182.1729	A	0.9
9	☐	500000.00	500669.68	292167875.9	939.2716	A	0.6

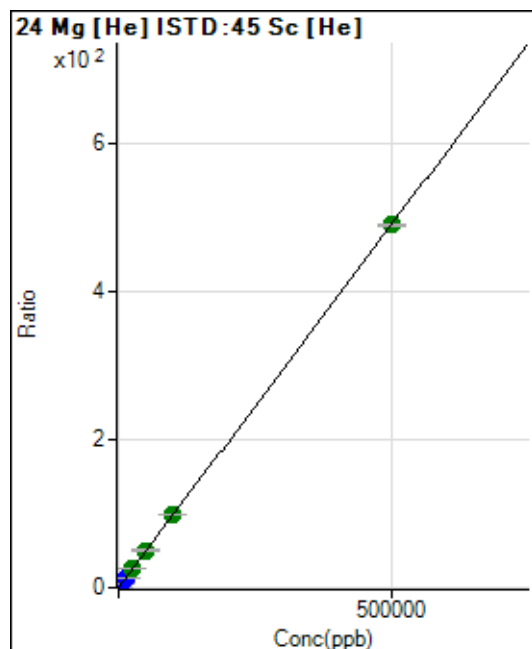
$$y = 0.0019 * x + 0.0192$$

$$R = 1.0000$$

$$DL = 0.3215$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.79	0.0004	P	31.7
2	☐	50.000					
3	☐	500.000	466.512	160795.62	0.4571	P	1.0
4	☐	5000.000	5125.678	1725677.86	5.0183	P	1.3
5	☐	12500.000	13122.453	3877546.75	12.8469	P	0.4
6	☐	25000.000	25728.999	6976299.46	25.1884	A	0.9
7	☐	50000.000	51505.535	13615987.28	50.4229	A	0.8
8	☐	100000.00	100523.07	27870675.62	98.4098	A	1.1
9	☐	500000.00	499691.59	152170706.1	489.1850	A	0.5

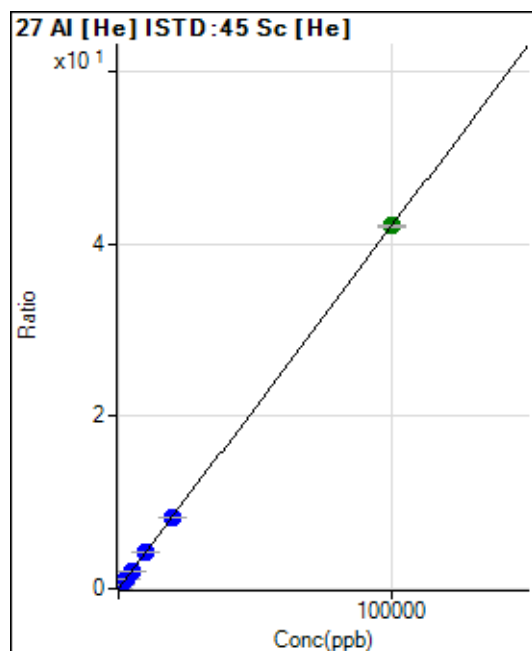
$$y = 9.7897\text{E-}004 * x + 3.7009\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.3591$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0001	P	66.0
2	☐	2.000					
3	☐	20.000	17.309	2592.01	0.0074	P	3.0
4	☐	1000.000	986.143	142492.52	0.4144	P	1.7
5	☐	2500.000	2523.028	319953.07	1.0601	P	0.5
6	☐	5000.000	4935.914	574360.27	2.0738	P	0.7
7	☐	10000.000	9856.142	1118194.98	4.1408	P	0.2
8	☐	20000.000	19530.671	2323951.57	8.2052	P	0.4
9	☐	100000.00	100111.01	13083320.34	42.0583	A	0.8

$$y = 4.2012\text{E-}004 * x + 9.6426\text{E-}005$$

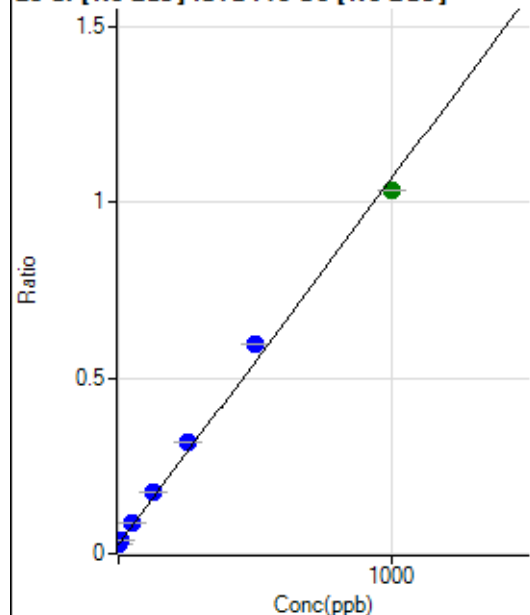
$$R = 1.0000$$

$$DL = 0.4547$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	228445.72	0.0262	P	1.4
2	☐	1.000					
3	☐	10.000	10.087	322305.78	0.0367	P	1.1
4	☐	50.000	58.257	751101.05	0.0869	P	0.3
5	☐	125.000	143.690	1421082.65	0.1759	P	0.7
6	☐	250.000	279.207	2330340.26	0.3172	P	0.4
7	☐	500.000	546.727	4185988.59	0.5960	P	0.5
8	☐	1000.000	966.585	7417636.80	1.0337	A	0.1
9	☐			514735.92	0.0720	P	0.4

$$y = 0.0010 * x + 0.0262$$

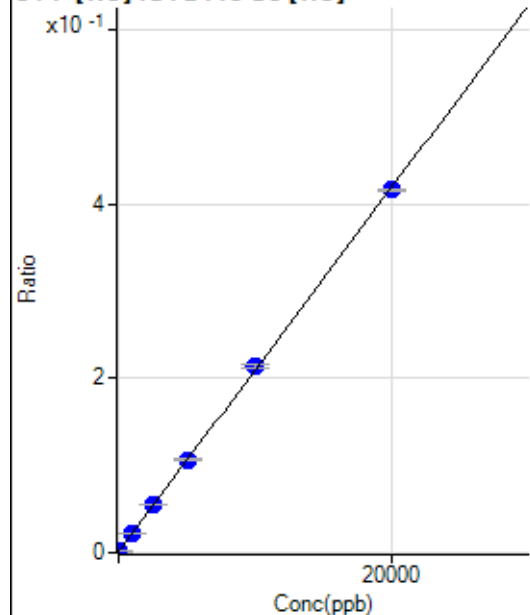
$$R = 0.9978$$

$$DL = 1.037$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-27.209	133.34	0.0004	P	10.9
2	☐	0.000					
3	☐	0.000	27.209	536.14	0.0015	P	14.4
4	☐	1000.000	1046.794	7855.17	0.0228	P	2.1
5	☐	2500.000	2624.582	16851.66	0.0558	P	1.5
6	☐	5000.000	5071.284	29633.20	0.1070	P	1.9
7	☐	10000.000	10175.876	57718.09	0.2137	P	1.9
8	☐	20000.000	19876.328	117986.90	0.4166	P	0.8
9	☐			177.79	0.0006	P	11.5

$$y = 2.0910E-005 * x + 9.5547E-004$$

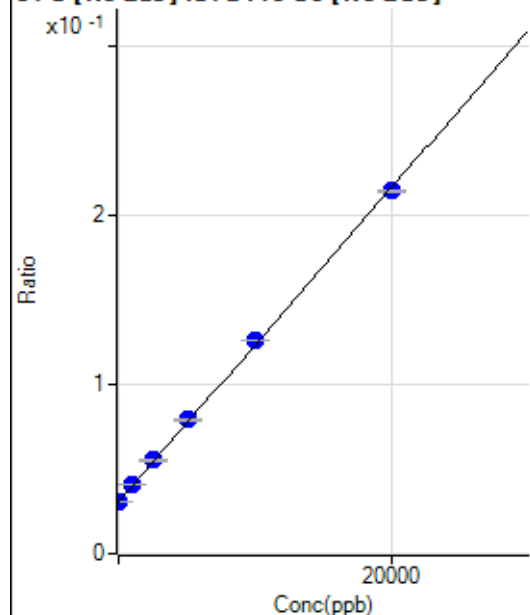
$$R = 0.9999$$

$$DL = 18.73$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-20.024	265693.23	0.0304	P	0.2
2	☐	0.000					
3	☐	0.000	20.024	270635.97	0.0308	P	0.4
4	☐	1000.000	1071.888	350688.63	0.0406	P	0.2
5	☐	2500.000	2676.987	448090.10	0.0555	P	1.5
6	☐	5000.000	5225.684	581621.15	0.0792	P	1.0
7	☐	10000.000	10274.647	885491.60	0.1261	P	0.7
8	☐	20000.000	19780.538	1538698.39	0.2144	P	0.4
9	☐			203393.00	0.0285	P	1.4

$$y = 9.2928\text{E-}006 * x + 0.0306$$

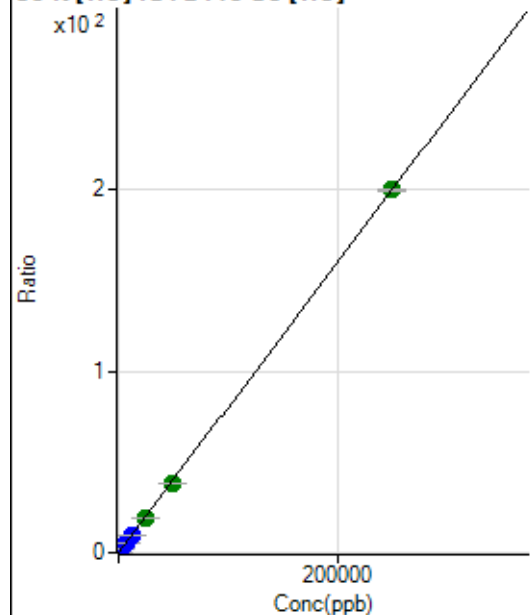
$$R = 0.9998$$

$$DL = 26.67$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12455.73	0.0361	P	4.4
2	☐	50.000					
3	☐	500.000	459.123	141555.69	0.4024	P	0.2
4	☐	2500.000	2475.703	691585.54	2.0111	P	1.4
5	☐	6250.000	6224.814	1509812.44	5.0021	P	0.4
6	☐	12500.000	12164.916	2697955.48	9.7409	P	0.2
7	☐	25000.000	24243.491	5232508.28	19.3768	A	0.5
8	☐	50000.000	48034.038	10862776.11	38.3562	A	1.3
9	☐	250000.00	250486.55	62171882.64	199.8668	A	0.7

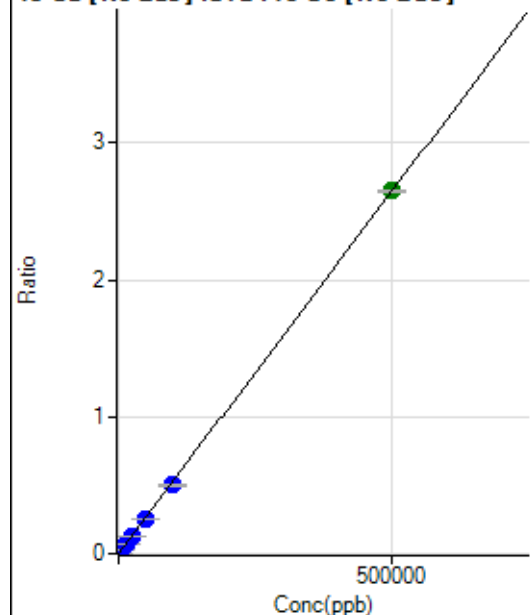
$$y = 7.9777\text{E-}004 * x + 0.0361$$

$$R = 1.0000$$

$$DL = 5.934$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0000	P	35.5
2	☐	50.000					
3	☐	500.000	439.484	20556.68	0.0023	P	2.5
4	☐	5000.000	4850.698	221786.12	0.0257	P	0.6
5	☐	12500.000	12255.227	523272.50	0.0648	P	1.5
6	☐	25000.000	24247.669	941641.81	0.1282	P	0.1
7	☐	50000.000	48502.577	1800413.75	0.2564	P	1.0
8	☐	100000.00	94489.919	3583835.28	0.4994	P	0.6
9	☐	500000.00	501297.04	18927881.15	2.6494	A	0.4

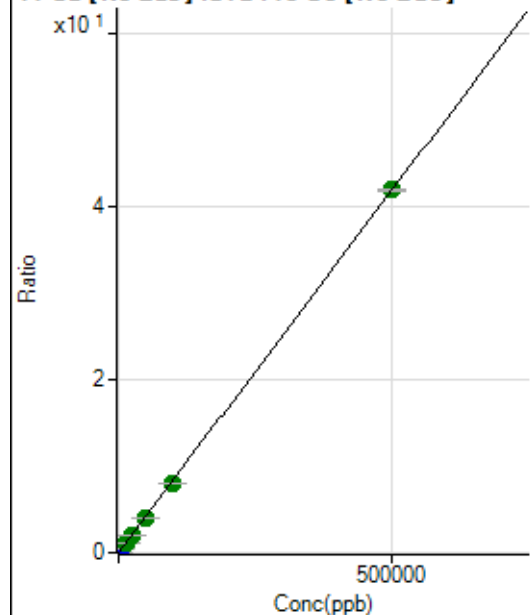
$$y = 5.2851\text{E-}006 * x + 1.5920\text{E-}005$$

$$R = 0.9999$$

$$DL = 3.211$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9018.03	0.0010	P	3.1
2	☐	50.000					
3	☐	500.000	438.284	331840.30	0.0377	P	0.9
4	☐	5000.000	4864.687	3532448.65	0.4086	P	0.2
5	☐	12500.000	12105.430	8200845.93	1.0152	A	0.3
6	☐	25000.000	24147.516	14870748.94	2.0240	A	1.0
7	☐	50000.000	48262.022	28403197.51	4.0442	A	0.7
8	☐	100000.00	94937.790	57082660.30	7.9545	A	0.8
9	☐	500000.00	501240.14	299997559.4	41.9927	A	0.6

$$y = 8.3776\text{E-}005 * x + 0.0010$$

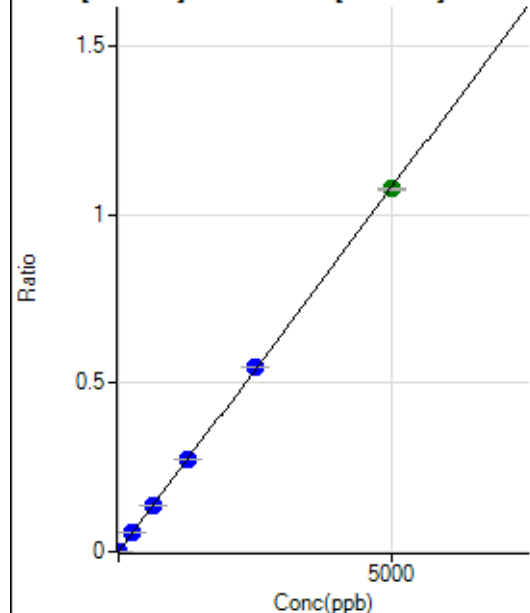
$$R = 0.9999$$

$$DL = 1.162$$

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	91.67	0.0000	P	18.6
2	☐	0.500					
3	☐	5.000	4.793	9203.29	0.0010	P	1.8
4	☐	250.000	254.810	476520.38	0.0551	P	0.3
5	☐	625.000	642.244	1121992.78	0.1389	P	0.6
6	☐	1250.000	1267.266	2013627.32	0.2741	P	0.5
7	☐	2500.000	2526.547	3837514.15	0.5464	P	0.4
8	☐	5000.000	4980.014	7728610.42	1.0770	A	0.5
9	☐			4367.50	0.0006	P	0.6

$$y = 2.1626\text{E-}004 * x + 1.0500\text{E-}005$$

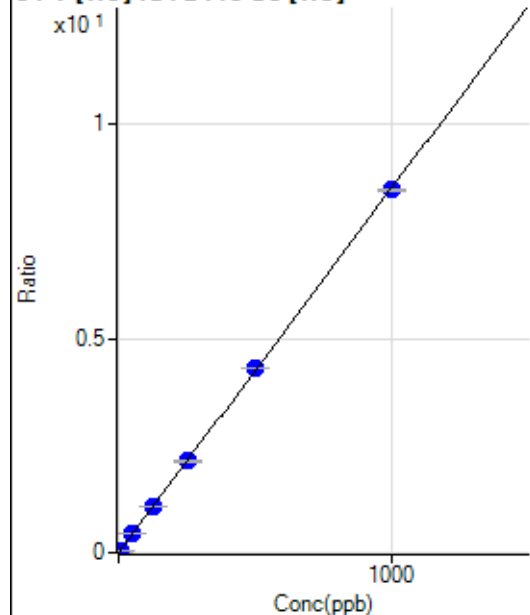
$$R = 1.0000$$

$$DL = 0.02712$$

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	6.66	0.0000	P	86.2
2	☐	0.500					
3	☐	5.000	4.997	14976.66	0.0426	P	1.3
4	☐	50.000	50.683	148420.08	0.4316	P	1.4
5	☐	125.000	128.655	330689.97	1.0956	P	0.4
6	☐	250.000	251.258	592606.07	2.1396	P	0.9
7	☐	500.000	507.004	1165884.52	4.3175	P	0.6
8	☐	1000.000	995.692	2401410.90	8.4790	P	0.7
9	☐			865.60	0.0028	P	4.8

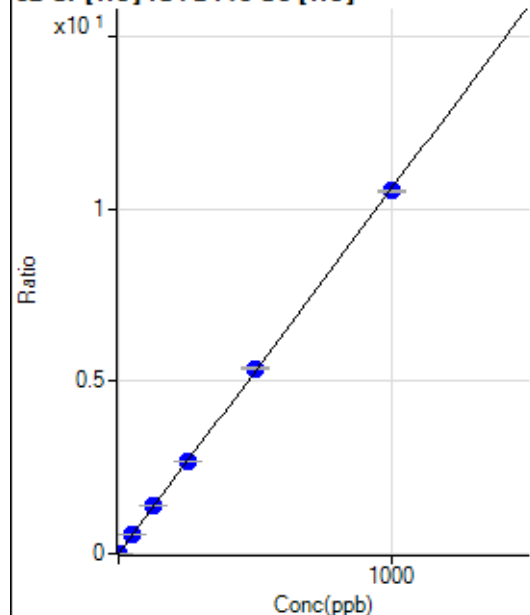
$$y = 0.0085 * x + 1.9263\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.005848$$

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	876.71	0.0025	P	1.6
2	☐	0.200					
3	☐	2.000	1.896	7960.03	0.0226	P	1.7
4	☐	50.000	51.424	188234.47	0.5474	P	1.1
5	☐	125.000	130.107	416835.98	1.3810	P	0.4
6	☐	250.000	254.016	746107.92	2.6938	P	0.6
7	☐	500.000	508.297	1454960.14	5.3880	P	0.5
8	☐	1000.000	994.138	2983804.54	10.5355	P	0.9
9	☐			125424.59	0.4032	P	1.0

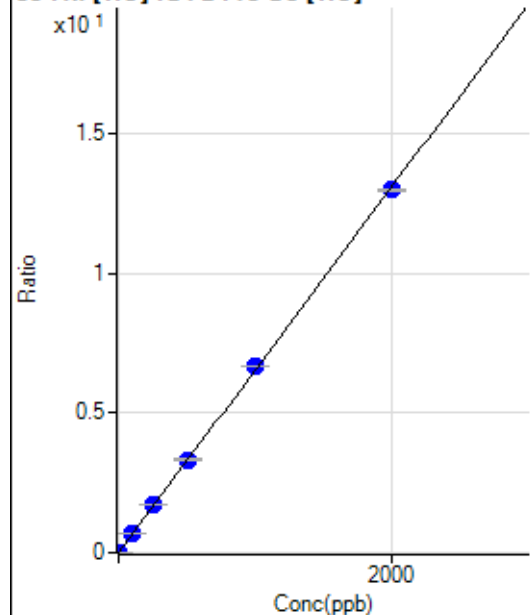
$$y = 0.0106 * x + 0.0025$$

$$R = 0.9999$$

$$DL = 0.01144$$

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	102.22	0.0003	P	16.2
2	☐	0.100					
3	☐	1.000	0.983	2365.78	0.0067	P	2.2
4	☐	100.000	101.885	229113.98	0.6663	P	1.3
5	☐	250.000	260.346	513745.51	1.7020	P	0.7
6	☐	500.000	510.368	924065.32	3.3363	P	0.3
7	☐	1000.000	1020.888	1802061.43	6.6733	P	0.4
8	☐	2000.000	1985.576	3676031.82	12.9790	P	0.4
9	☐			26507.39	0.0852	P	1.0

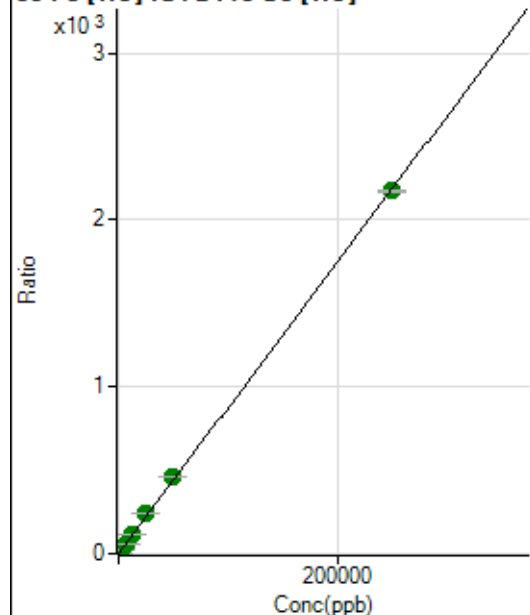
$$y = 0.0065 * x + 2.9637E-004$$

$$R = 0.9999$$

$$DL = 0.02206$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3391.23	0.0098	P	0.3
2	☐	5.000					
3	☐	50.000	53.229	166797.30	0.4741	P	0.3
4	☐	2500.000	2712.742	8140557.13	23.6722	A	1.1
5	☐	6250.000	6942.971	18282305.50	60.5710	A	0.1
6	☐	12500.000	13588.525	32830881.98	118.5379	A	0.8
7	☐	25000.000	27180.905	64026594.95	237.0996	A	0.6
8	☐	50000.000	52630.451	130019974.2	459.0872	A	0.9
9	☐	250000.00	249181.94	676121666.9	2,173.538	A	0.6

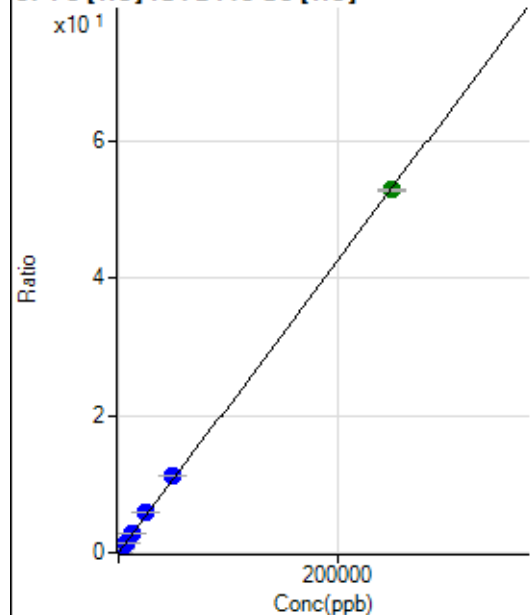
$$y = 0.0087 * x + 0.0098$$

$$R = 0.9999$$

$$DL = 0.01161$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.60	0.0003	P	39.2
2	☐	5.000					
3	☐	50.000	54.605	4169.23	0.0119	P	3.1
4	☐	2500.000	2753.878	200952.88	0.5844	P	2.2
5	☐	6250.000	6997.189	448069.17	1.4845	P	0.8
6	☐	12500.000	13736.144	807084.29	2.9140	P	1.1
7	☐	25000.000	27302.381	1563993.90	5.7918	P	0.7
8	☐	50000.000	52988.485	3183541.07	11.2404	P	0.7
9	☐	250000.00	249089.03	16436428.03	52.8381	A	0.4

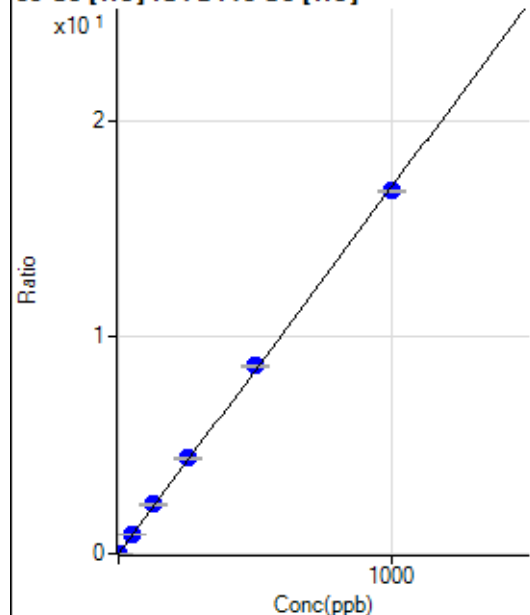
$$y = 2.1212E-004 * x + 2.6881E-004$$

$$R = 0.9999$$

$$DL = 1.489$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	95.56	0.0003	P	11.2
2	☐	0.100					
3	☐	1.000	0.985	5965.74	0.0170	P	1.8
4	☐	50.000	52.951	308443.19	0.8969	P	0.9
5	☐	125.000	133.877	684310.13	2.2673	P	0.8
6	☐	250.000	259.860	1218800.36	4.4006	P	1.1
7	☐	500.000	513.129	2346406.81	8.6893	P	1.2
8	☐	1000.000	989.713	4746643.26	16.7595	P	0.5
9	☐			61702.50	0.1984	P	0.2

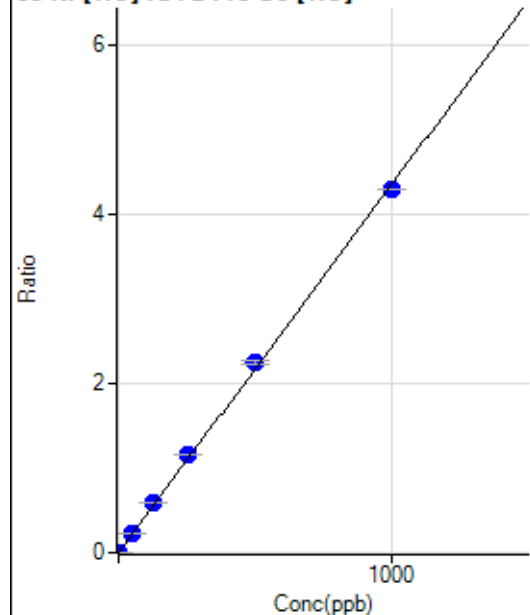
$$y = 0.0169 * x + 2.7700E-004$$

$$R = 0.9998$$

$$DL = 0.00549$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.67	0.0002	P	8.4
2	☐	0.100					
3	☐	1.000	1.017	1635.67	0.0046	P	2.2
4	☐	50.000	54.326	81368.72	0.2366	P	1.4
5	☐	125.000	135.825	178459.94	0.5913	P	0.7
6	☐	250.000	267.118	321999.55	1.1626	P	1.0
7	☐	500.000	516.019	606399.96	2.2457	P	1.8
8	☐	1000.000	986.141	1215456.61	4.2914	P	0.2
9	☐			41548.86	0.1336	P	0.7

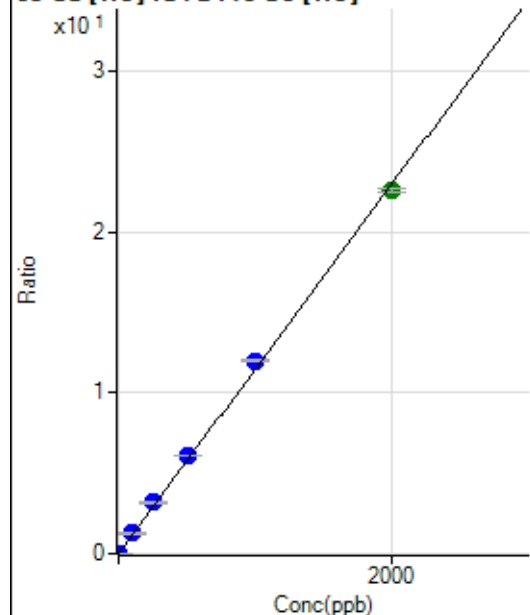
$$y = 0.0044 * x + 2.2221E-004$$

$$R = 0.9996$$

$$DL = 0.01294$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	346.67	0.0010	P	9.1
2	☐	0.200					
3	☐	2.000	2.115	8905.05	0.0253	P	1.6
4	☐	100.000	109.579	433364.09	1.2602	P	1.3
5	☐	250.000	276.835	960484.53	3.1822	P	0.6
6	☐	500.000	532.218	1694199.24	6.1169	P	0.5
7	☐	1000.000	1044.875	3242643.49	12.0081	P	0.8
8	☐	2000.000	1965.675	6397565.60	22.5894	A	1.2
9	☐			13884.54	0.0446	P	1.8

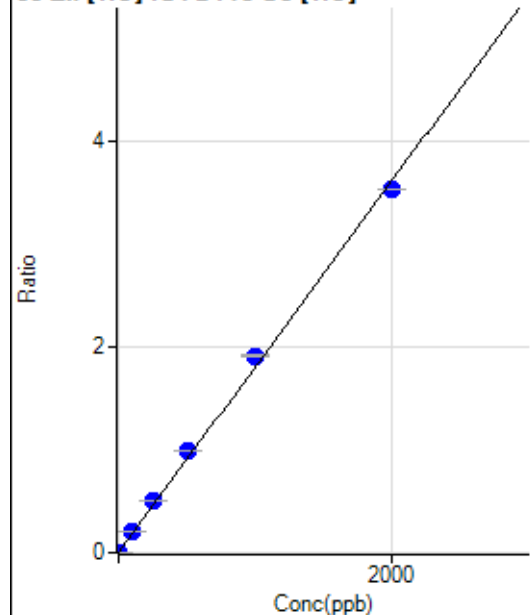
$$y = 0.0115 * x + 0.0010$$

$$R = 0.9994$$

$$DL = 0.024$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	390.01	0.0011	P	8.3
2	☐	0.200					
3	☐	2.000	2.061	1703.46	0.0048	P	3.5
4	☐	100.000	109.712	68329.10	0.1987	P	1.4
5	☐	250.000	281.319	153249.49	0.5077	P	0.5
6	☐	500.000	547.485	273381.62	0.9870	P	0.4
7	☐	1000.000	1059.568	515558.53	1.9092	P	0.9
8	☐	2000.000	1953.944	996911.08	3.5198	P	0.1
9	☐			8680.48	0.0279	P	0.2

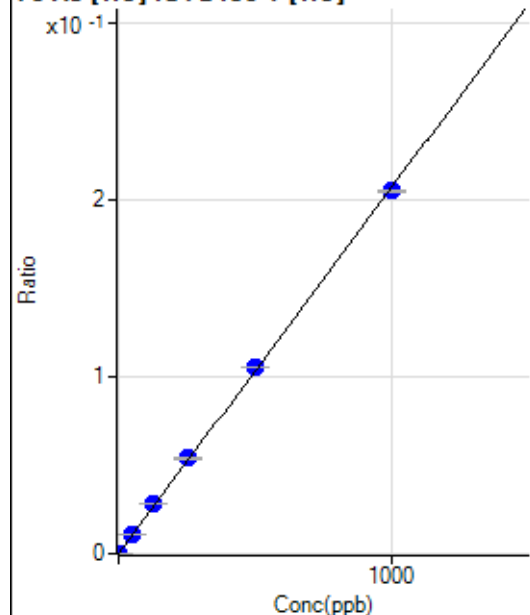
$$y = 0.0018 * x + 0.0011$$

$$R = 0.9989$$

$$DL = 0.1563$$

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	3.70	0.0000	P	50.1
2	☐	0.100					
3	☐	1.000	1.032	389.52	0.0002	P	3.0
4	☐	50.000	54.477	20044.76	0.0113	P	1.2
5	☐	125.000	134.914	44352.50	0.0280	P	0.4
6	☐	250.000	260.176	79395.25	0.0539	P	0.2
7	☐	500.000	509.621	154200.07	0.1056	P	1.0
8	☐	1000.000	991.182	307422.87	0.2053	P	0.8
9	☐			445.07	0.0003	P	9.0

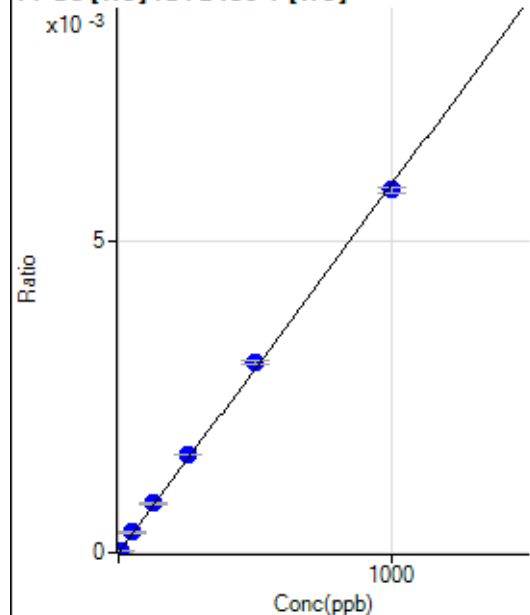
$$y = 2.0717\text{E-}004 * x + 2.0814\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01511$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.094	55.56	0.0000	P	35.2
4	☐	50.000	54.963	577.80	0.0003	P	5.5
5	☐	125.000	133.477	1252.30	0.0008	P	3.0
6	☐	250.000	266.374	2319.11	0.0016	P	0.8
7	☐	500.000	517.670	4468.53	0.0031	P	1.4
8	☐	1000.000	985.763	8721.66	0.0058	P	1.5
9	☐			5.56	0.0000	P	35.1

$$y = 5.9084\text{E-}006 * x + 6.2469\text{E-}007$$

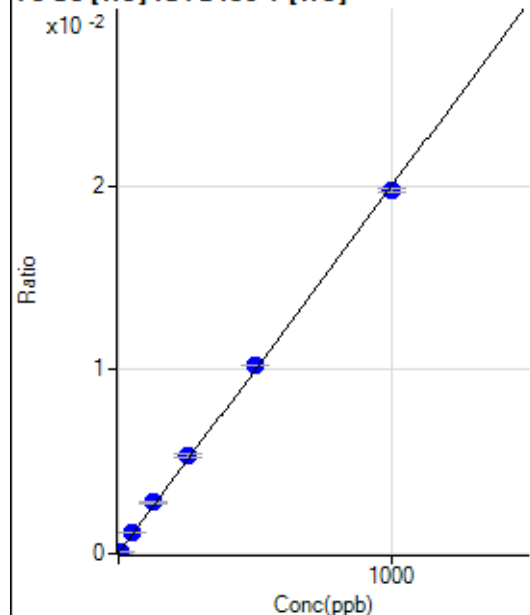
$$R = 0.9996$$

$$DL = 0.5494$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.15	0.0000	P	9.9
2	☐	0.500					
3	☐	5.000	5.875	260.50	0.0001	P	6.5
4	☐	50.000	55.965	2032.88	0.0011	P	2.4
5	☐	125.000	138.514	4432.81	0.0028	P	2.1
6	☐	250.000	265.824	7860.21	0.0053	P	2.9
7	☐	500.000	513.137	15010.31	0.0103	P	0.3
8	☐	1000.000	987.484	29569.63	0.0198	P	1.0
9	☐			53.09	0.0000	P	15.6

$$y = 1.9975\text{E-}005 * x + 2.7061\text{E-}005$$

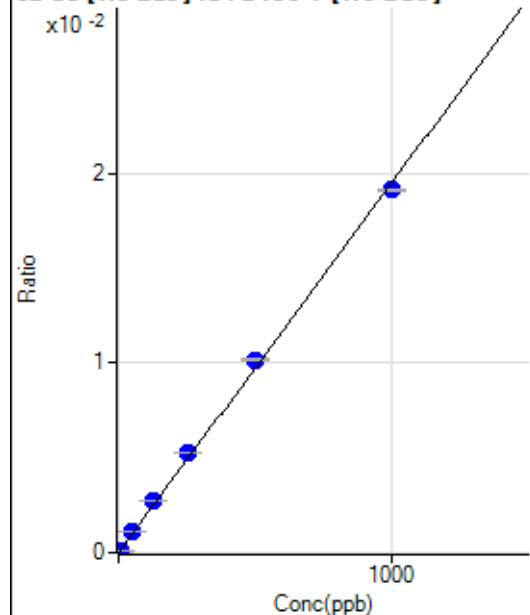
$$R = 0.9997$$

$$DL = 0.4012$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29.83	0.0000	P	125.
2	☐	0.500					
3	☐	5.000	5.504	1459.41	0.0001	P	1.4
4	☐	50.000	55.638	14243.38	0.0011	P	1.7
5	☐	125.000	139.489	33475.34	0.0027	P	0.7
6	☐	250.000	269.975	60167.74	0.0053	P	0.3
7	☐	500.000	521.792	112724.66	0.0102	P	0.7
8	☐	1000.000	982.015	215532.22	0.0191	P	0.3
9	☐			123.66	0.0000	P	5.4

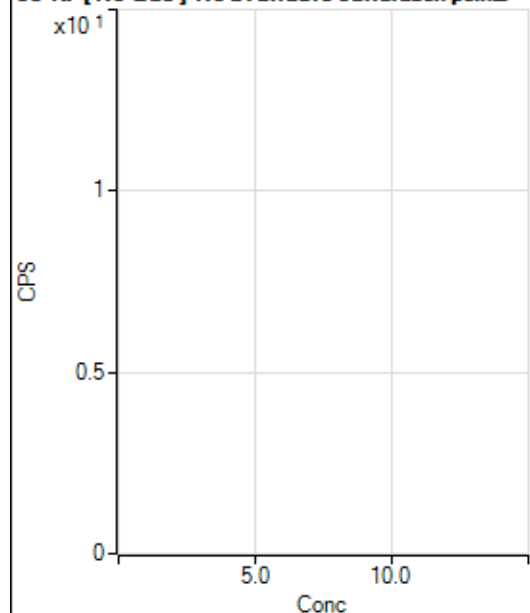
$$y = 1.9466\text{E-}005 * x + 2.2238\text{E-}006$$

$$R = 0.9994$$

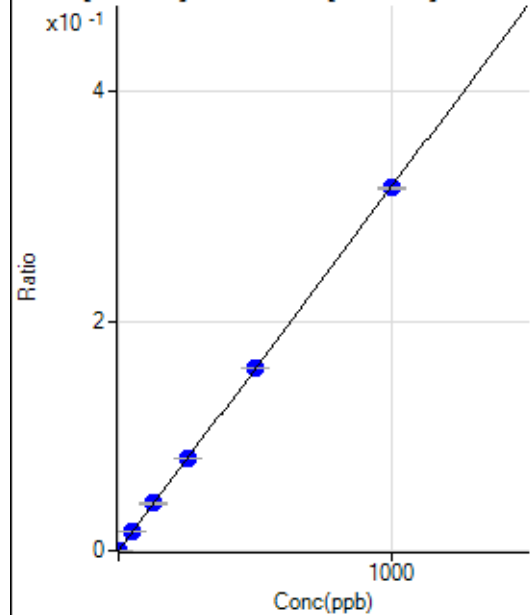
$$DL = 0.43$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			338.90		P	1.1
2	☐						
3	☐			330.01		P	8.6
4	☐			313.34		P	12.3
5	☐			281.12		P	12.5
6	☐			303.34		P	18.3
7	☐			231.12		P	20.9
8	☐			312.23		P	3.3
9	☐			394.46		P	5.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	566.70	0.0000	P	19.2
2	☐	0.100					
3	☐	1.000	0.921	4459.22	0.0003	P	1.8
4	☐	50.000	51.049	212824.32	0.0162	P	0.9
5	☐	125.000	129.640	506492.48	0.0411	P	0.8
6	☐	250.000	253.840	920877.45	0.0805	P	0.8
7	☐	500.000	502.862	1768334.30	0.1594	P	0.3
8	☐	1000.000	996.977	3561776.56	0.3159	P	0.6
9	☐			16371.04	0.0015	P	2.6

$$y = 3.1685E-004 * x + 4.2175E-005$$

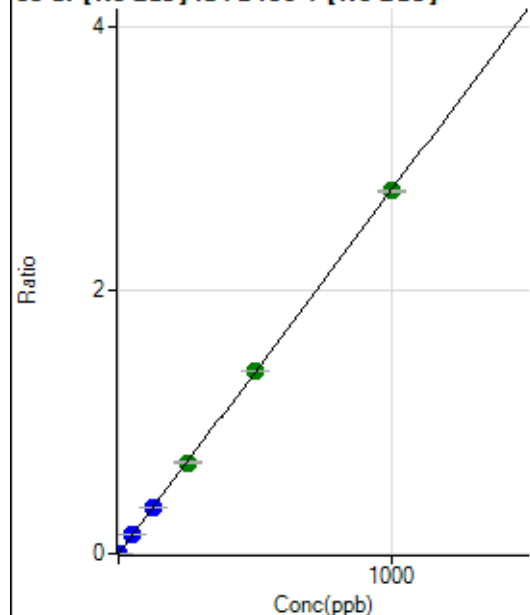
$$R = 1.0000$$

$$DL = 0.07662$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.46	0.0000	P	2.5
2	☐	0.100					
3	☐	1.000	0.895	33094.61	0.0025	P	1.4
4	☐	50.000	50.956	1843276.41	0.1405	P	0.5
5	☐	125.000	128.859	4375052.66	0.3552	P	0.9
6	☐	250.000	250.755	7909500.35	0.6911	A	0.4
7	☐	500.000	503.120	15385932.63	1.3867	A	0.3
8	☐	1000.000	997.721	31000800.69	2.7499	A	0.4
9	☐			141898.34	0.0127	P	0.7

$$y = 0.0028 * x + 1.4473E-005$$

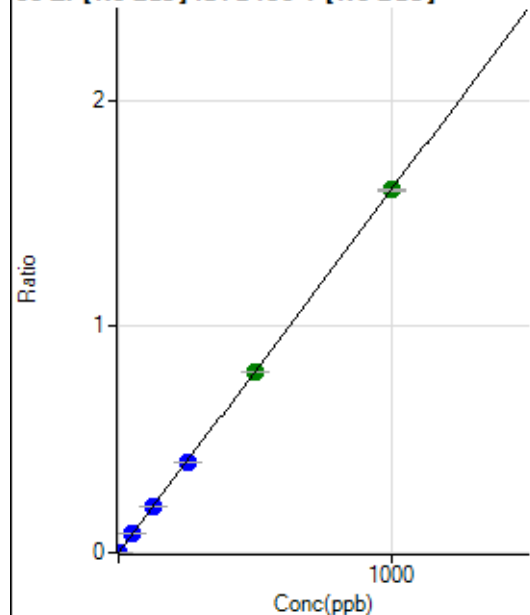
$$R = 1.0000$$

$$DL = 0.0003939$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	986.19	0.0001	P	16.4
2	☐	0.100					
3	☐	1.000	0.921	20699.10	0.0016	P	1.6
4	☐	50.000	50.477	1063347.08	0.0810	P	0.6
5	☐	125.000	127.697	2523437.77	0.2049	P	1.4
6	☐	250.000	250.400	4596526.75	0.4017	P	0.5
7	☐	500.000	499.920	8896673.64	0.8018	A	0.1
8	☐	1000.000	999.579	18073105.61	1.6031	A	0.5
9	☐			8664.09	0.0008	P	3.8

$$y = 0.0016 * x + 7.3413E-005$$

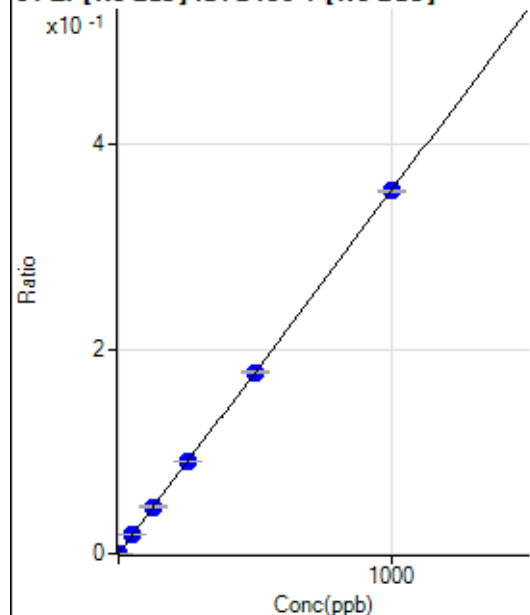
$$R = 1.0000$$

$$DL = 0.02249$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	163.90	0.0000	P	33.9
2	☐	0.100					
3	☐	1.000	0.925	4545.35	0.0003	P	4.4
4	☐	50.000	50.887	237357.08	0.0181	P	1.1
5	☐	125.000	129.524	566862.54	0.0460	P	0.4
6	☐	250.000	252.864	1028028.69	0.0898	P	0.6
7	☐	500.000	499.973	1970574.76	0.1776	P	0.7
8	☐	1000.000	998.688	3999326.35	0.3547	P	0.9
9	☐			1875.20	0.0002	P	2.7

$$y = 3.5519\text{E-}004 * x + 1.2202\text{E-}005$$

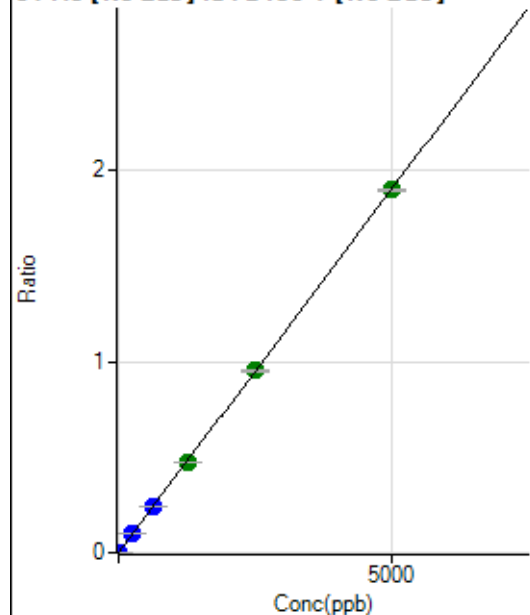
$$R = 1.0000$$

$$DL = 0.03496$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	330.57	0.0000	P	27.4
2	☐	0.500					
3	☐	5.000	4.744	24385.40	0.0018	P	2.0
4	☐	250.000	254.671	1270381.13	0.0968	P	0.9
5	☐	625.000	643.742	3013620.45	0.2447	P	0.8
6	☐	1250.000	1246.702	5422242.14	0.4738	A	0.7
7	☐	2500.000	2508.770	10578330.27	0.9534	A	0.6
8	☐	5000.000	4993.864	21394693.18	1.8978	A	0.5
9	☐			25236.88	0.0023	P	3.0

$$y = 3.8001\text{E-}004 * x + 2.4621\text{E-}005$$

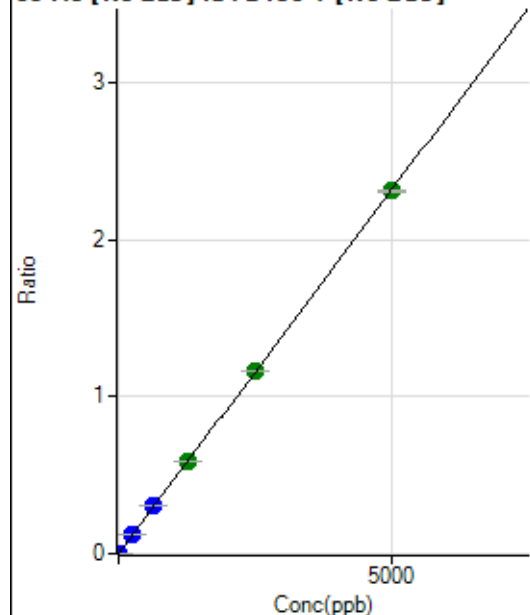
$$R = 1.0000$$

$$DL = 0.05321$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.56	0.0000	P	33.6
2	☐	0.500					
3	☐	5.000	4.807	29795.86	0.0022	P	0.4
4	☐	250.000	256.686	1560657.84	0.1189	P	0.6
5	☐	625.000	649.179	3704758.07	0.3007	P	0.4
6	☐	1250.000	1259.471	6677526.19	0.5835	A	0.5
7	☐	2500.000	2508.952	12896708.71	1.1623	A	0.2
8	☐	5000.000	4989.800	26060224.89	2.3116	A	0.5
9	☐			39472.30	0.0035	P	1.9

$$y = 4.6327\text{E-}004 * x + 6.0011\text{E-}006$$

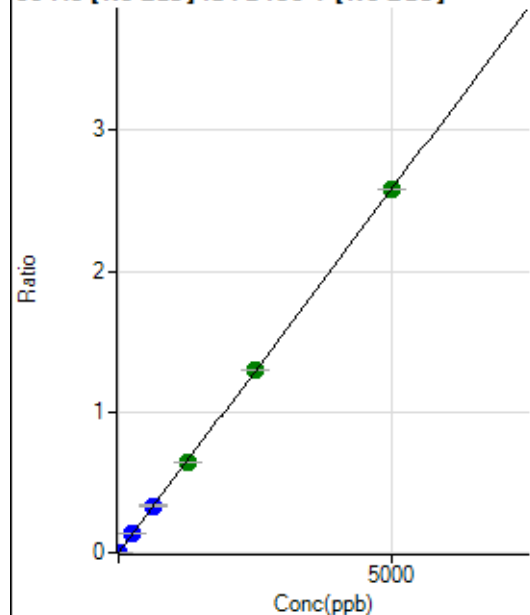
$$R = 1.0000$$

$$DL = 0.01305$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	136.12	0.0000	P	19.3
2	☐	0.500					
3	☐	5.000	4.849	33531.89	0.0025	P	1.1
4	☐	250.000	255.031	1727432.20	0.1316	P	0.6
5	☐	625.000	645.514	4103563.15	0.3332	P	1.3
6	☐	1250.000	1253.620	7404271.26	0.6470	A	0.3
7	☐	2500.000	2508.693	14365628.79	1.2947	A	0.4
8	☐	5000.000	4991.933	29044142.66	2.5763	A	0.1
9	☐			49974.53	0.0045	P	1.3

$$y = 5.1609\text{E-}004 * x + 1.0126\text{E-}005$$

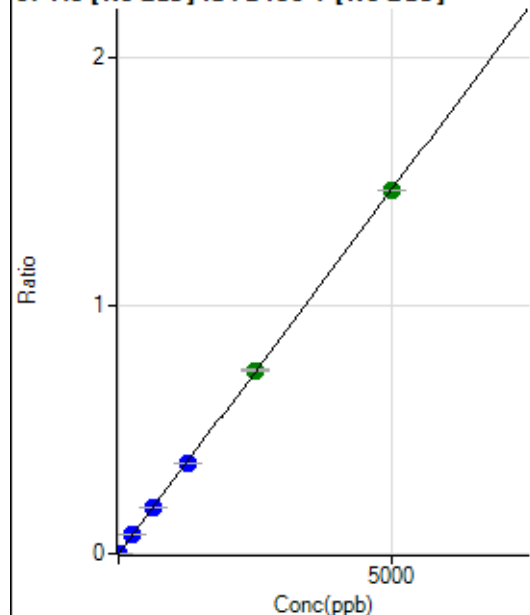
$$R = 1.0000$$

$$DL = 0.01134$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	83.6
2	☐	0.500					
3	☐	5.000	4.762	18665.67	0.0014	P	3.0
4	☐	250.000	252.311	971077.30	0.0740	P	0.8
5	☐	625.000	638.953	2307961.58	0.1874	P	1.3
6	☐	1250.000	1246.600	4183477.05	0.3656	P	0.6
7	☐	2500.000	2523.573	8211180.22	0.7400	A	0.4
8	☐	5000.000	4987.204	16487585.96	1.4625	A	0.1
9	☐			23074.93	0.0021	P	0.3

$$y = 2.9325\text{E-}004 * x + 2.2795\text{E-}006$$

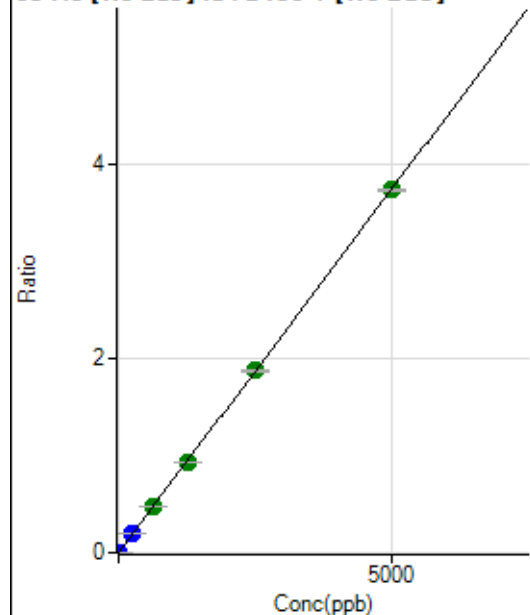
$$R = 1.0000$$

$$DL = 0.0195$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.89	0.0000	P	33.1
2	☐	0.500					
3	☐	5.000	4.803	47992.91	0.0036	P	2.0
4	☐	250.000	253.713	2490085.02	0.1897	P	1.1
5	☐	625.000	634.443	5844650.61	0.4745	A	0.7
6	☐	1250.000	1252.816	10722649.20	0.9369	A	0.4
7	☐	2500.000	2506.327	20797325.12	1.8744	A	0.8
8	☐	5000.000	4994.767	42111147.47	3.7354	A	0.4
9	☐			60294.98	0.0054	P	1.9

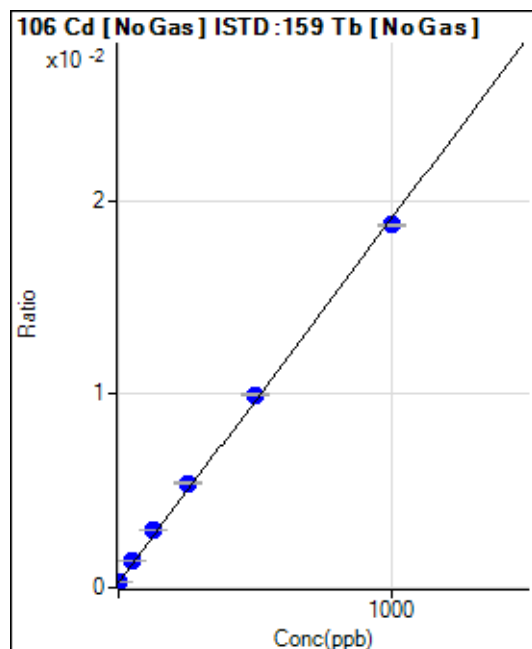
$$y = 7.4786\text{E-}004 * x + 4.7572\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.006307$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4637.07	0.0003	P	3.3
2	☐	0.100					
3	☐	1.000	1.725	5070.58	0.0003	P	4.5
4	☐	50.000	58.443	23740.14	0.0014	P	1.8
5	☐	125.000	142.722	50069.60	0.0029	P	0.5
6	☐	250.000	273.170	87790.96	0.0054	P	1.2
7	☐	500.000	516.907	161775.26	0.0100	P	1.3
8	☐	1000.000	983.116	307811.96	0.0188	P	0.6
9	☐			3775.67	0.0002	P	6.4

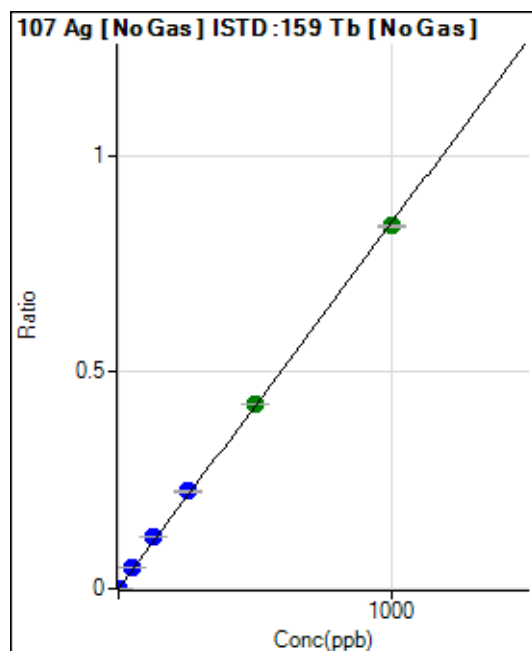
$$y = 1.8831\text{E-}005 * x + 2.5548\text{E-}004$$

$$R = 0.9994$$

$$DL = 1.342$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	39.9
2	☐	0.100					
3	☐	1.000	1.044	15656.47	0.0009	P	0.9
4	☐	50.000	58.703	868663.27	0.0496	P	1.4
5	☐	125.000	142.069	2042735.12	0.1201	P	0.2
6	☐	250.000	265.474	3647940.79	0.2244	P	0.3
7	☐	500.000	503.910	6896752.76	0.4259	A	0.8
8	☐	1000.000	991.608	13744237.98	0.8380	A	0.4
9	☐			969.52	0.0001	P	9.2

$$y = 8.4512\text{E-}004 * x + 6.4351\text{E-}006$$

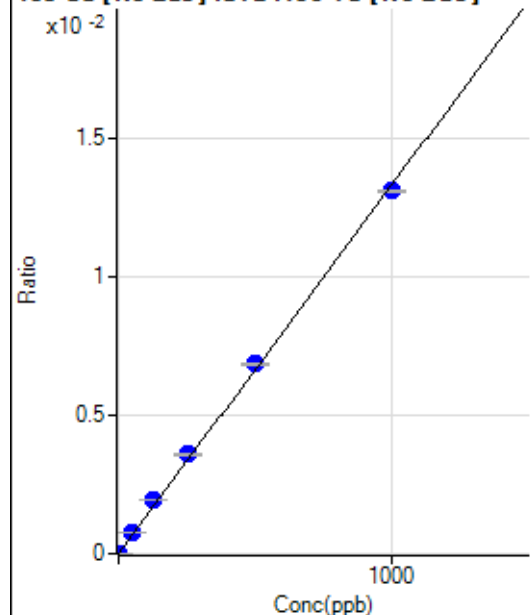
$$R = 0.9998$$

$$DL = 0.00912$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.50	0.0000	P	66.2
2	☐	0.100					
3	☐	1.000	1.024	251.39	0.0000	P	18.4
4	☐	50.000	59.125	13749.96	0.0008	P	2.7
5	☐	125.000	144.420	32621.22	0.0019	P	0.7
6	☐	250.000	269.420	58151.10	0.0036	P	1.3
7	☐	500.000	514.470	110589.83	0.0068	P	1.0
8	☐	1000.000	985.026	214422.12	0.0131	P	0.7
9	☐			76.39	0.0000	P	17.2

$$y = 1.3272\text{E-}005 * x + 6.8675\text{E-}007$$

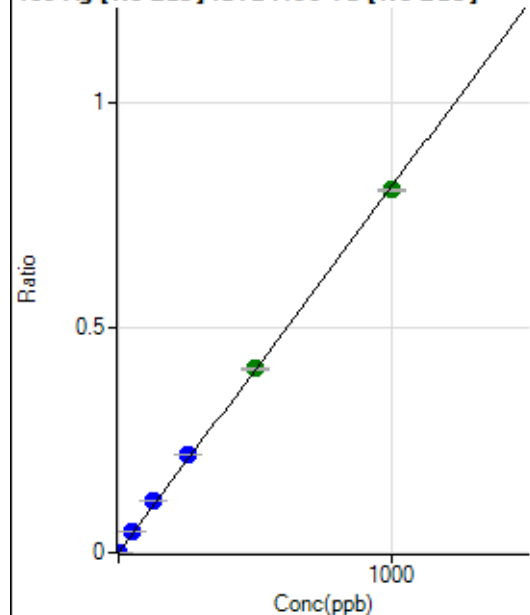
$$R = 0.9995$$

$$DL = 0.1028$$

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	52.78	0.0000	P	9.0
2	☐	0.100					
3	☐	1.000	1.020	14666.46	0.0008	P	3.1
4	☐	50.000	58.635	835505.09	0.0477	P	0.8
5	☐	125.000	142.505	1973121.29	0.1160	P	0.2
6	☐	250.000	266.713	3529261.75	0.2171	P	0.7
7	☐	500.000	502.963	6628977.40	0.4093	A	0.6
8	☐	1000.000	991.720	13236549.69	0.8071	A	0.8
9	☐			841.73	0.0001	P	13.6

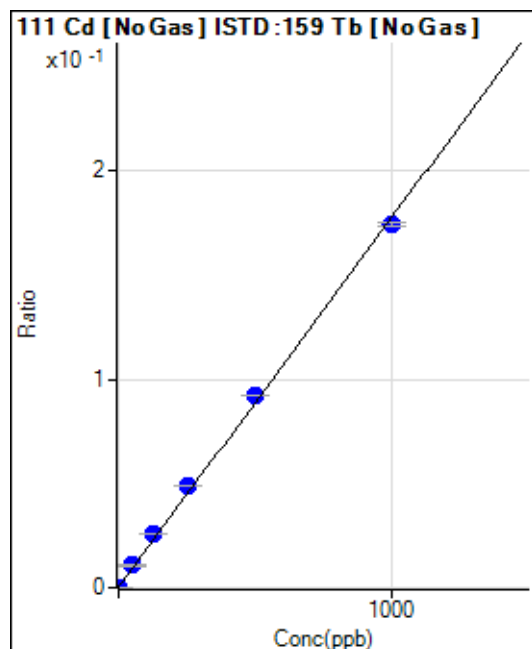
$$y = 8.1383\text{E-}004 * x + 2.9082\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.0009688$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3248.32	0.0002	P	3.3
2	☐	0.100					
3	☐	1.000	1.132	6687.78	0.0004	P	0.4
4	☐	50.000	58.900	186047.10	0.0106	P	0.5
5	☐	125.000	144.843	440127.84	0.0259	P	0.3
6	☐	250.000	274.228	793766.30	0.0488	P	0.3
7	☐	500.000	520.080	1496815.72	0.0924	P	0.8
8	☐	1000.000	980.977	2856629.81	0.1742	P	0.9
9	☐			3013.12	0.0002	P	4.3

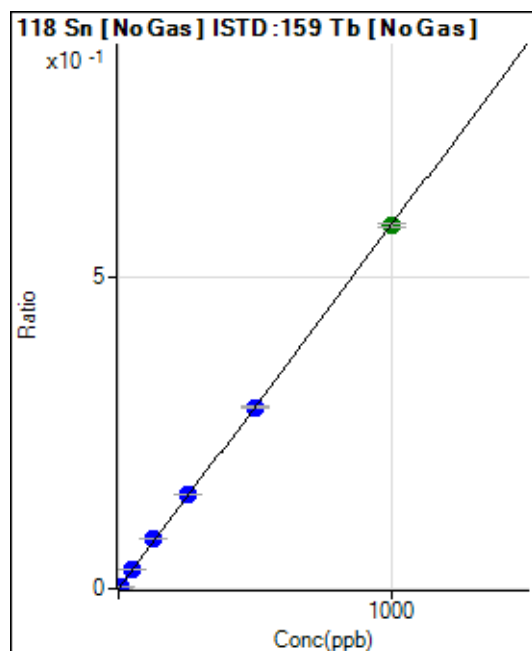
$$y = 1.7737\text{E-}004 * x + 1.7897\text{E-}004$$

$$R = 0.9993$$

$$DL = 0.09841$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	636.15	0.0000	P	6.9
2	☐	0.500					
3	☐	5.000	5.052	52457.13	0.0030	P	1.1
4	☐	50.000	54.971	561415.49	0.0321	P	0.9
5	☐	125.000	135.342	1342287.00	0.0789	P	0.6
6	☐	250.000	260.419	2467855.83	0.1518	P	0.3
7	☐	500.000	498.474	4704428.93	0.2905	P	1.1
8	☐	1000.000	996.617	9524529.21	0.5808	A	1.1
9	☐			11963.90	0.0007	P	5.2

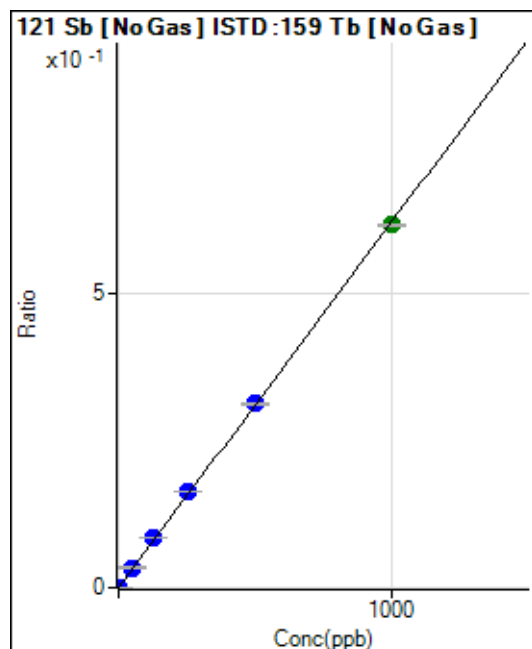
$$y = 5.8270\text{E-}004 * x + 3.5050\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01252$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	35.0
2	☐	0.200					
3	☐	2.000	1.964	21533.92	0.0012	P	1.5
4	☐	50.000	55.164	600743.77	0.0343	P	1.1
5	☐	125.000	136.428	1443698.70	0.0849	P	0.4
6	☐	250.000	264.143	2671383.03	0.1643	P	0.1
7	☐	500.000	504.177	5078602.85	0.3136	P	1.1
8	☐	1000.000	992.689	10126436.69	0.6175	A	0.8
9	☐			13515.32	0.0008	P	0.9

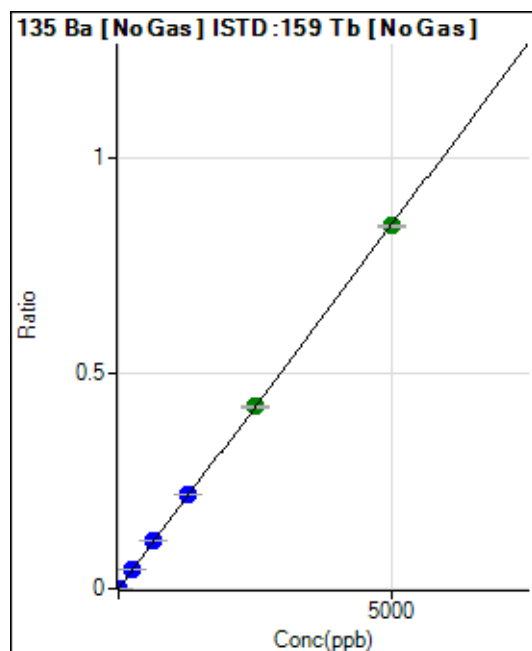
$$y = 6.2201\text{E-}004 * x + 1.5325\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.002588$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	73.6
2	☐	1.000					
3	☐	10.000	9.918	29493.34	0.0017	P	0.8
4	☐	250.000	266.549	787186.76	0.0450	P	1.1
5	☐	625.000	662.969	1902539.00	0.1118	P	0.5
6	☐	1250.000	1289.722	3537167.70	0.2175	P	0.5
7	☐	2500.000	2498.545	6825302.41	0.4215	A	0.4
8	☐	5000.000	4985.224	13791020.10	0.8409	A	0.6
9	☐			2344.75	0.0001	P	6.5

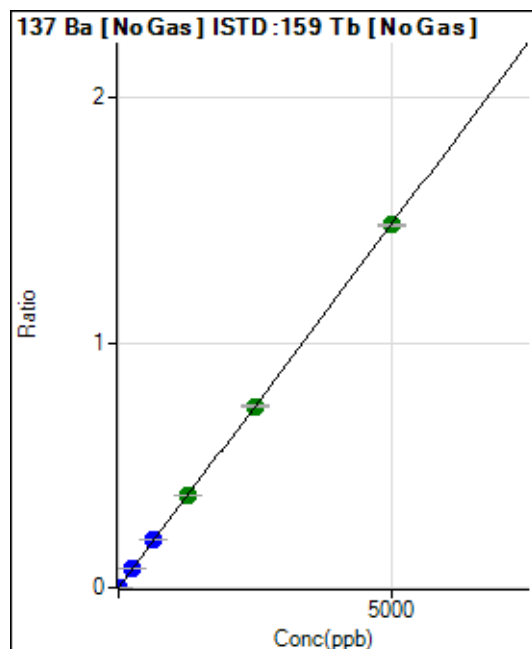
$$y = 1.6868\text{E-}004 * x + 1.9855\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.026$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	108.34	0.0000	P	38.2
2	☐	1.000					
3	☐	10.000	9.829	51446.17	0.0029	P	0.9
4	☐	250.000	266.052	1381810.57	0.0789	P	0.2
5	☐	625.000	657.691	3319124.75	0.1951	P	0.5
6	☐	1250.000	1271.712	6133470.67	0.3772	A	0.3
7	☐	2500.000	2498.830	12003919.28	0.7412	A	0.4
8	☐	5000.000	4990.268	24276965.47	1.4802	A	0.3
9	☐			3886.82	0.0002	P	2.3

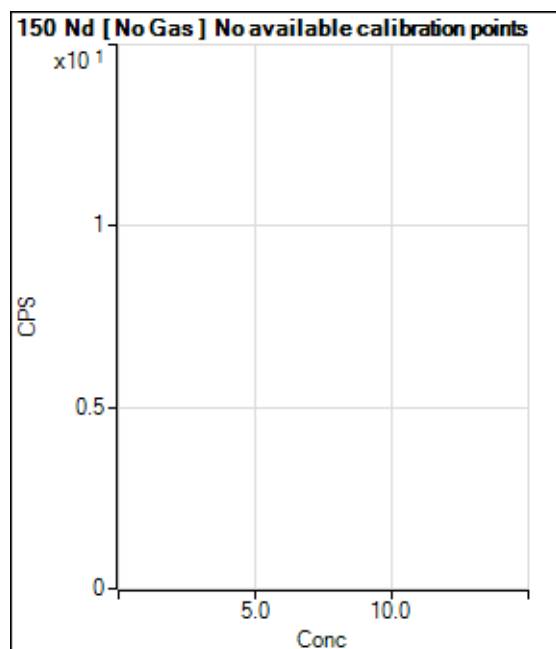
$$y = 2.9663\text{E-}004 * x + 5.9635\text{E-}006$$

$$R = 1.0000$$

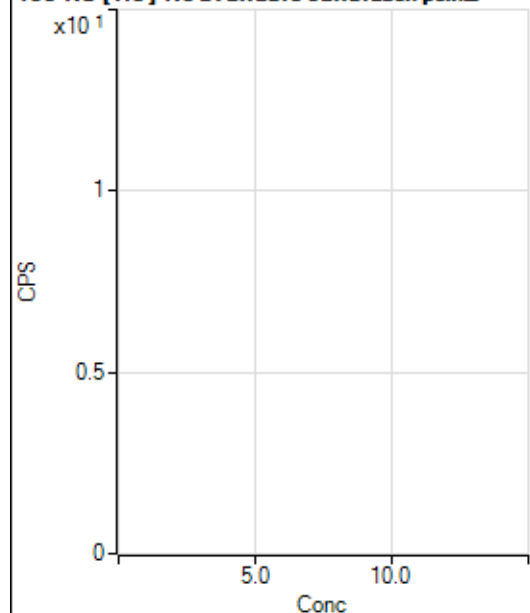
$$DL = 0.02304$$

Weight: <None>

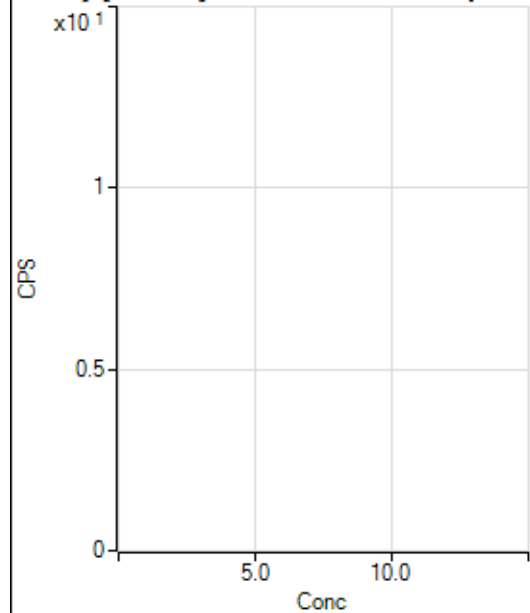
Min Conc: 0



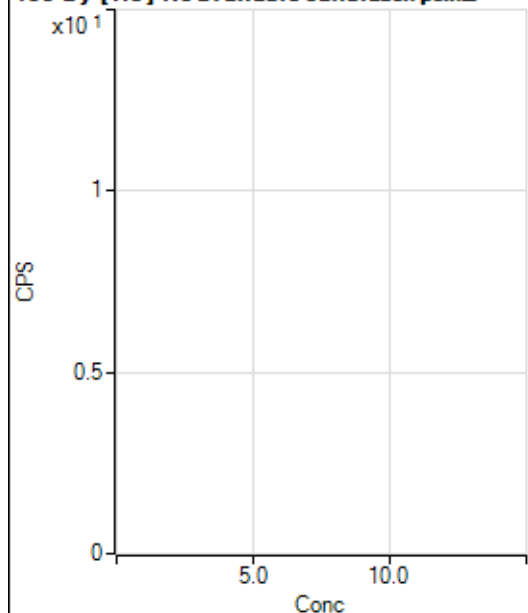
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐						
3	☐			2.22		P	173.
4	☐			60.01		P	19.2
5	☐			160.01		P	15.0
6	☐			260.01		P	12.8
7	☐			442.25		P	4.8
8	☐			797.83		P	6.0
9	☐			220.01		P	16.9

150 Nd [He] No available calibration points

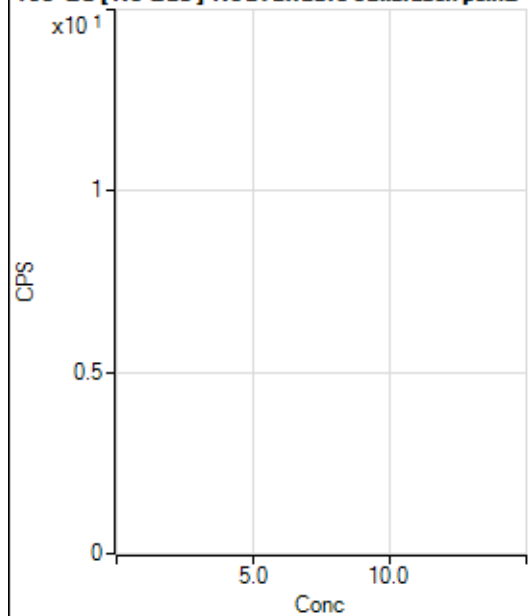
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			3.33		P	0.0
4	☐			3.33		P	100.
5	☐			14.45		P	26.7
6	☐			21.11		P	32.9
7	☐			47.78		P	24.5
8	☐			83.33		P	22.3
9	☐			78.89		P	38.3

156 Dy [No Gas] No available calibration points

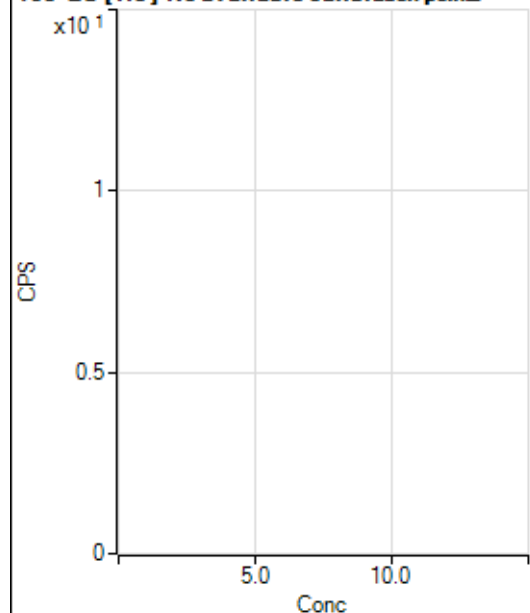
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	41.7
2	☐						
3	☐			22.22		P	43.3
4	☐			30.56		P	56.8
5	☐			38.89		P	96.6
6	☐			75.00		P	11.1
7	☐			108.34		P	7.7
8	☐			236.12		P	22.7
9	☐			147.23		P	34.6

156 Dy [He] No available calibration points

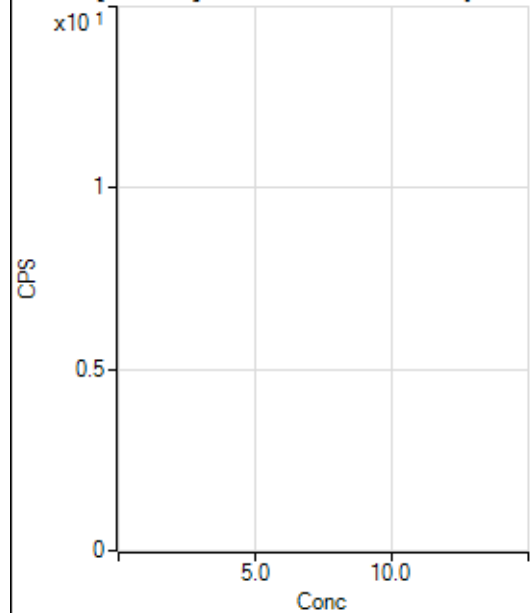
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			3.33		P	173.
4	☐			11.11		P	75.5
5	☐			27.78		P	86.8
6	☐			68.89		P	10.1
7	☐			97.78		P	2.0
8	☐			214.45		P	11.0
9	☐			65.56		P	12.8

160 Gd [No Gas] Noavailable calibration poin_

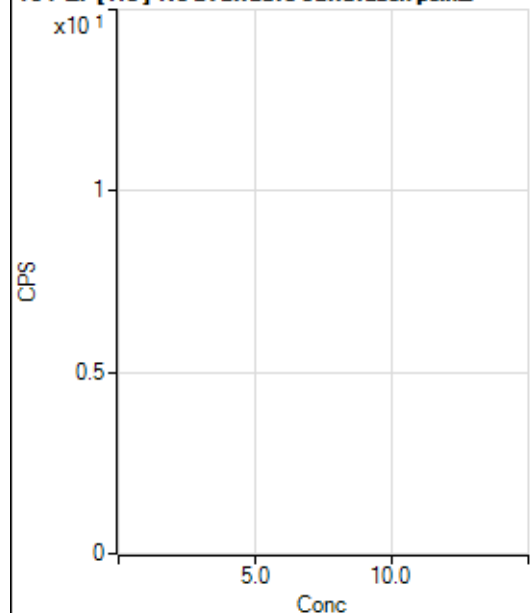
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	14.3
2	☐						
3	☐			47.22		P	27.0
4	☐			66.67		P	12.5
5	☐			80.56		P	39.2
6	☐			69.45		P	42.1
7	☐			61.12		P	7.9
8	☐			136.12		P	28.9
9	☐			130.56		P	30.2

160 Gd [He] No available calibration points

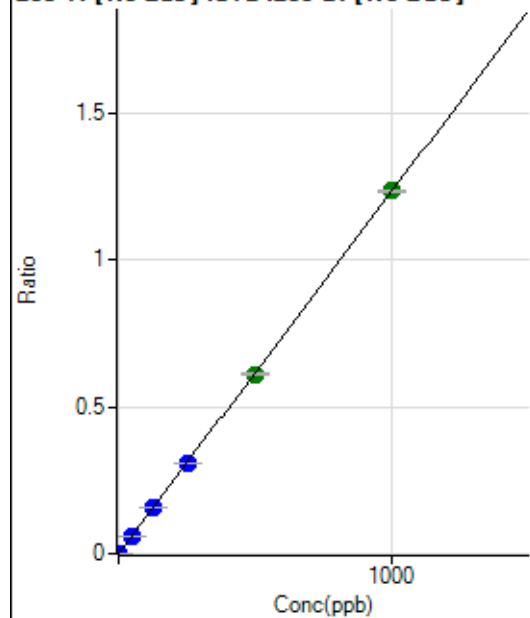
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			200.00		P	14.8
2	☐						
3	☐			240.01		P	11.9
4	☐			217.78		P	6.9
5	☐			217.78		P	21.1
6	☐			208.89		P	13.4
7	☐			216.67		P	14.8
8	☐			237.79		P	1.6
9	☐			230.01		P	7.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	56.8
2	☐						
3	☐			44.45		P	65.8
4	☐			61.11		P	20.8
5	☐			47.22		P	27.0
6	☐			83.34		P	45.8
7	☐			86.11		P	27.9
8	☐			113.89		P	18.4
9	☐			113.89		P	27.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	28.4
2	☐						
3	☐			23.33		P	51.5
4	☐			17.78		P	10.8
5	☐			22.22		P	22.9
6	☐			23.33		P	65.5
7	☐			21.11		P	48.2
8	☐			42.22		P	18.2
9	☐			33.33		P	26.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.67	0.0000	P	8.7
2	☐	0.100					
3	☐	1.000	0.879	13137.50	0.0011	P	1.2
4	☐	50.000	49.293	723226.87	0.0606	P	0.8
5	☐	125.000	125.643	1779734.02	0.1546	P	1.2
6	☐	250.000	248.931	3385192.09	0.3062	P	0.7
7	☐	500.000	495.486	6609354.53	0.6095	A	1.4
8	☐	1000.000	1002.479	13133917.66	1.2332	A	0.5
9	☐			3081.04	0.0003	P	5.3

$$y = 0.0012 * x + 7.3783E-006$$

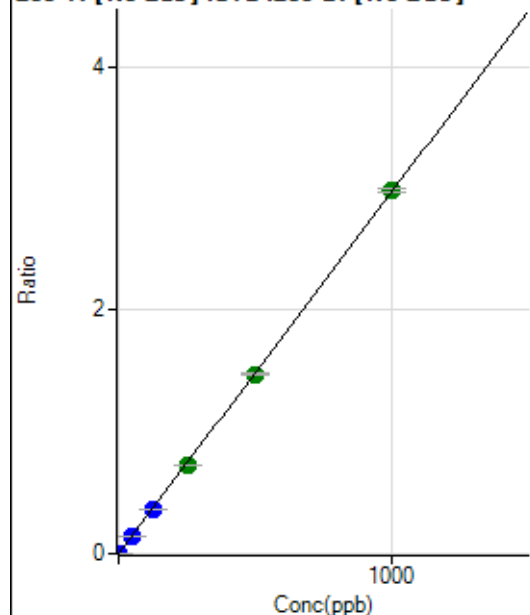
$$R = 1.0000$$

$$DL = 0.001564$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	230.57	0.0000	P	26.5
2	☐	0.100					
3	☐	1.000	0.865	31237.69	0.0026	P	1.4
4	☐	50.000	49.350	1748835.87	0.1466	P	1.0
5	☐	125.000	124.557	4261511.94	0.3701	P	0.7
6	☐	250.000	245.465	8062271.10	0.7293	A	0.3
7	☐	500.000	495.377	15960084.90	1.4719	A	1.2
8	☐	1000.000	1003.533	31754460.43	2.9817	A	0.9
9	☐			7427.40	0.0008	P	4.7

$$y = 0.0030 * x + 1.8572E-005$$

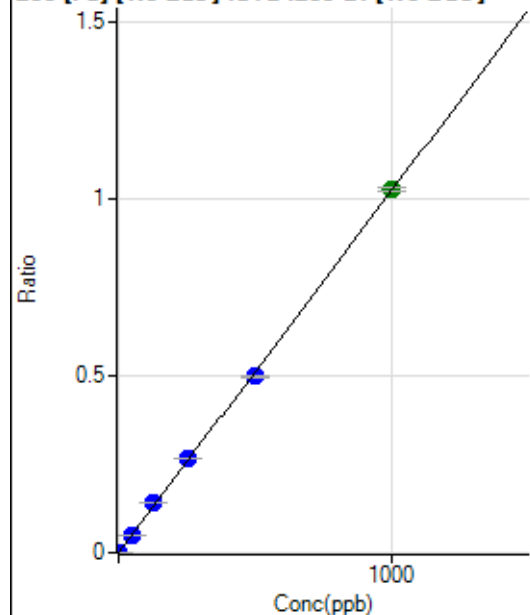
$$R = 1.0000$$

$$DL = 0.004965$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	311.12	0.0000	P	11.0
2	☐	0.100					
3	☐	1.000	0.862	10939.95	0.0009	P	1.5
4	☐	50.000	48.821	595381.86	0.0499	P	0.9
5	☐	125.000	139.983	1647764.78	0.1431	P	1.1
6	☐	250.000	258.197	2917612.42	0.2639	P	0.1
7	☐	500.000	486.778	5395493.23	0.4976	P	1.2
8	☐	1000.000	1002.748	10915487.28	1.0250	A	1.0
9	☐			14586.16	0.0016	P	2.3

$$y = 0.0010 * x + 2.5052E-005$$

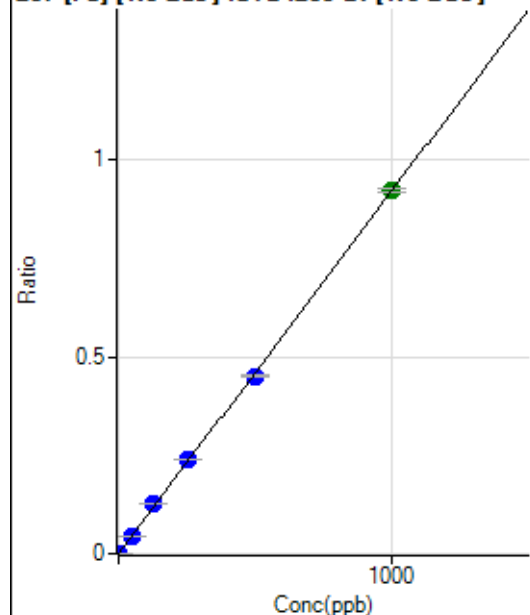
$$R = 0.9997$$

$$DL = 0.008092$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	268.53	0.0000	P	25.0
2	☐	0.100					
3	☐	1.000	0.834	9509.22	0.0008	P	2.8
4	☐	50.000	48.967	537019.64	0.0450	P	0.6
5	☐	125.000	138.961	1470980.31	0.1278	P	1.1
6	☐	250.000	258.672	2628593.67	0.2378	P	0.9
7	☐	500.000	489.732	4881552.42	0.4502	P	1.1
8	☐	1000.000	1001.273	9801774.87	0.9204	A	0.9
9	☐			12697.08	0.0014	P	1.9

$$y = 9.1918\text{E-}004 * x + 2.1629\text{E-}005$$

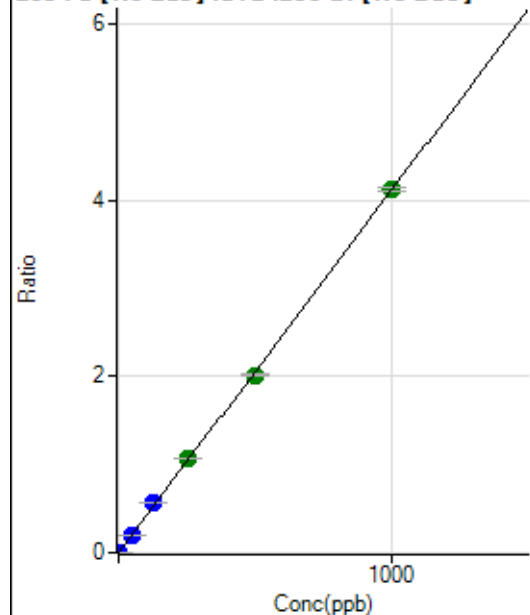
$$R = 0.9998$$

$$DL = 0.01766$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1320.44	0.0001	P	2.5
2	☐	0.100					
3	☐	1.000	0.855	43768.24	0.0036	P	3.1
4	☐	50.000	49.127	2413075.81	0.2023	P	0.7
5	☐	125.000	139.871	6631293.06	0.5759	P	1.0
6	☐	250.000	257.564	11722202.47	1.0604	A	0.1
7	☐	500.000	490.316	21888974.74	2.0186	A	0.9
8	☐	1000.000	1001.136	43892749.94	4.1215	A	1.0
9	☐			58102.79	0.0063	P	0.4

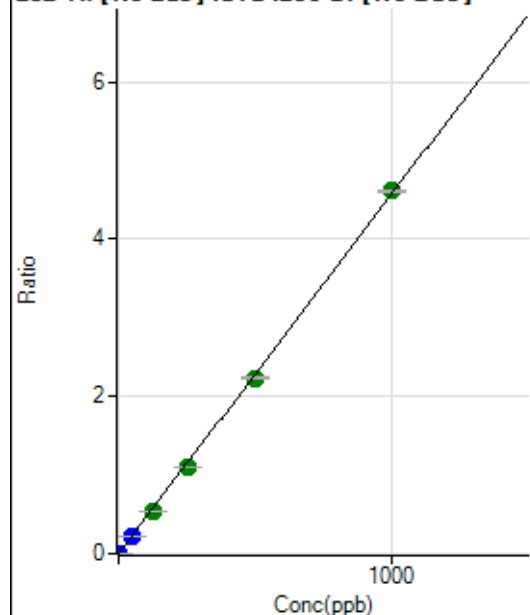
$$y = 0.0041 * x + 1.0630\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.001955$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	111.11	0.0000	P	17.9
2	☐	0.100					
3	☐	1.000	0.793	43849.81	0.0036	P	0.9
4	☐	50.000	45.922	2503468.49	0.2099	P	0.6
5	☐	125.000	117.210	6169479.60	0.5358	A	0.3
6	☐	250.000	239.866	12120604.67	1.0965	A	0.4
7	☐	500.000	488.406	24209433.41	2.2326	A	0.9
8	☐	1000.000	1009.508	49144697.86	4.6146	A	0.8
9	☐			13099.56	0.0014	P	10.6

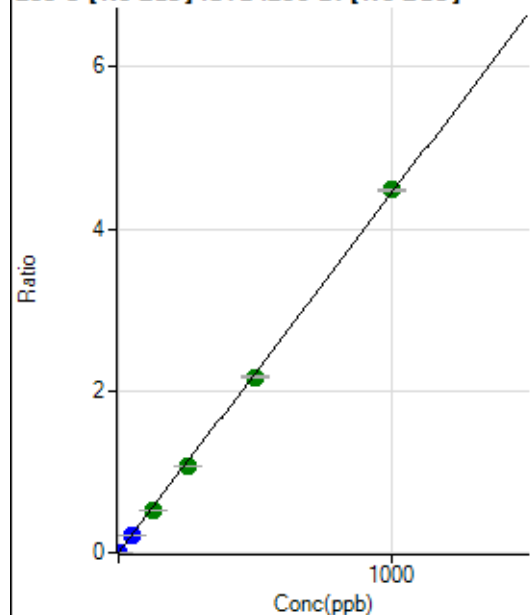
$$y = 0.0046 * x + 8.9431E-006$$

$$R = 0.9998$$

$$DL = 0.00105$$

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	102.78	0.0000	P	19.0
2	☐	0.100					
3	☐	1.000	0.801	43011.18	0.0036	P	1.5
4	☐	50.000	46.343	2453087.58	0.2057	P	0.3
5	☐	125.000	117.621	6011413.29	0.5221	A	0.5
6	☐	250.000	239.506	11751153.82	1.0630	A	0.4
7	☐	500.000	487.848	23479401.57	2.1653	A	1.2
8	☐	1000.000	1009.805	47732938.91	4.4820	A	0.7
9	☐			7260.73	0.0008	P	4.5

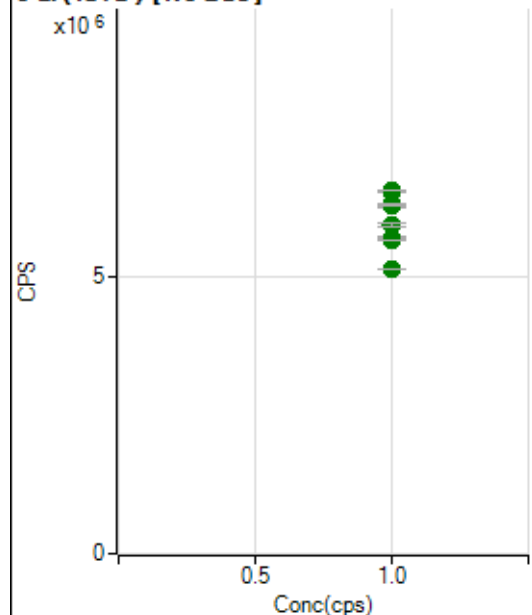
$$y = 0.0044 * x + 8.2774E-006$$

$$R = 0.9998$$

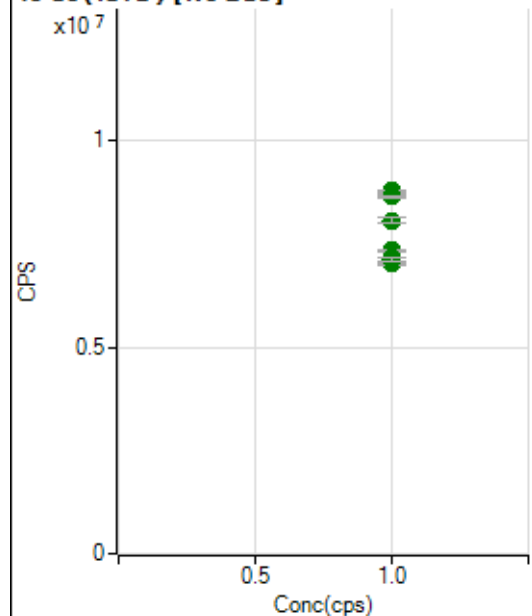
$$DL = 0.001065$$

Weight: <None>

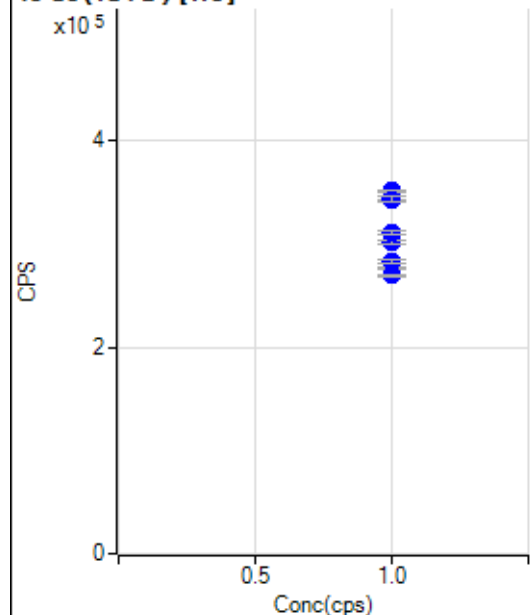
Min Conc: 0

6 Li (ISTD) [No Gas]

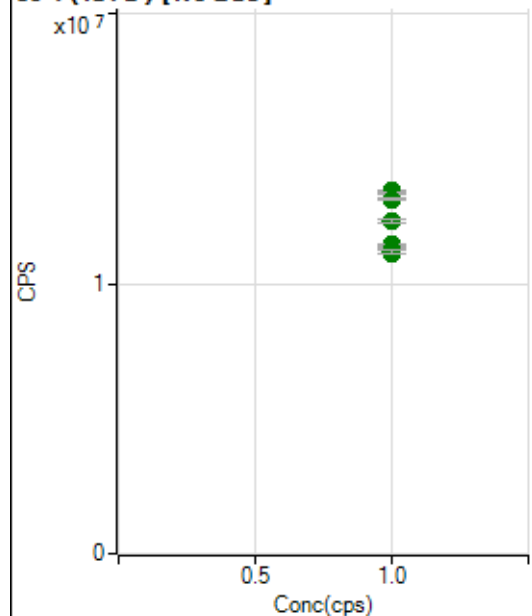
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6307009.56		A	0.9
2	☐	1.000					
3	☐	1.000		6556355.94		A	0.7
4	☐	1.000		6568130.11		A	0.1
5	☐	1.000		6329173.38		A	0.8
6	☐	1.000		5960536.86		A	1.0
7	☐	1.000		5719275.06		A	0.5
8	☐	1.000		5668249.50		A	0.2
9	☐	1.000		5149000.06		A	0.5

45 Sc (ISTD) [No Gas]

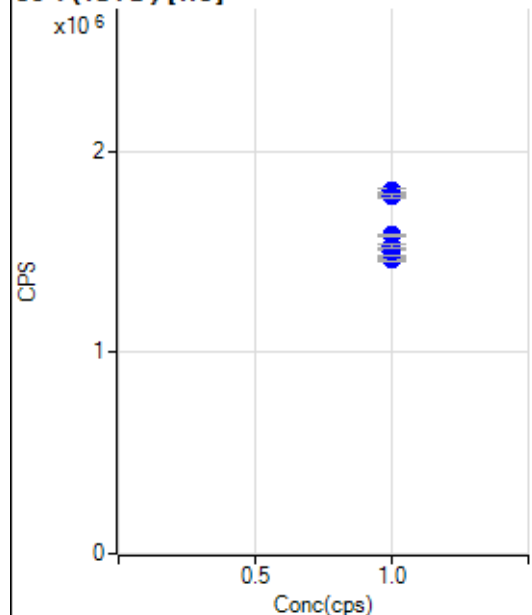
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8735649.33		A	0.5
2	☐	1.000					
3	☐	1.000		8790659.31		A	0.7
4	☐	1.000		8645805.40		A	0.2
5	☐	1.000		8078039.68		A	1.6
6	☐	1.000		7346976.21		A	0.6
7	☐	1.000		7023280.45		A	0.4
8	☐	1.000		7176106.32		A	0.5
9	☐	1.000		7144432.10		A	1.4

45 Sc (ISTD) [He]

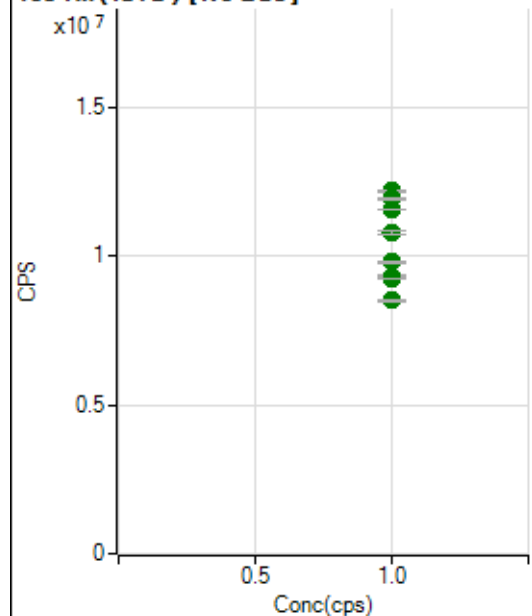
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		344973.86		P	0.6
2	☐	1.000					
3	☐	1.000		351797.10		P	0.3
4	☐	1.000		343927.57		P	1.7
5	☐	1.000		301833.25		P	0.8
6	☐	1.000		276972.02		P	0.4
7	☐	1.000		270043.21		P	0.5
8	☐	1.000		283230.61		P	1.0
9	☐	1.000		311067.09		P	1.0

89 Y (ISTD) [No Gas]

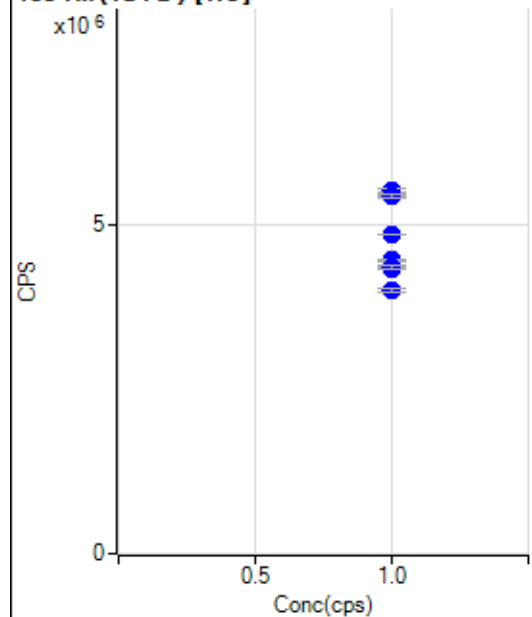
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13436132.02		A	0.4
2	☐	1.000					
3	☐	1.000		13345173.69		A	0.2
4	☐	1.000		13123836.33		A	0.6
5	☐	1.000		12318767.18		A	1.4
6	☐	1.000		11444179.55		A	0.9
7	☐	1.000		11095621.23		A	0.2
8	☐	1.000		11273713.44		A	0.5
9	☐	1.000		11148063.17		A	1.3

89 Y(ISTD) [He]

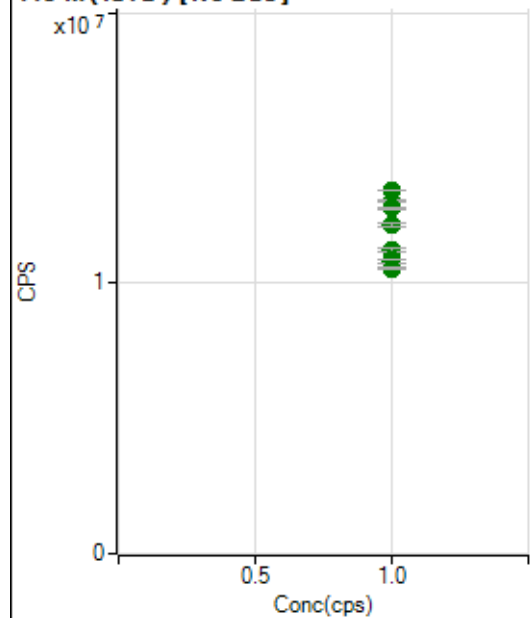
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1778843.84		P	0.3
2	☐	1.000					
3	☐	1.000		1804509.47		P	1.0
4	☐	1.000		1775651.05		P	1.1
5	☐	1.000		1586701.85		P	0.7
6	☐	1.000		1472943.61		P	0.5
7	☐	1.000		1460576.58		P	0.8
8	☐	1.000		1497180.38		P	1.4
9	☐	1.000		1531698.12		P	1.7

103 Rh(ISTD) [No Gas]

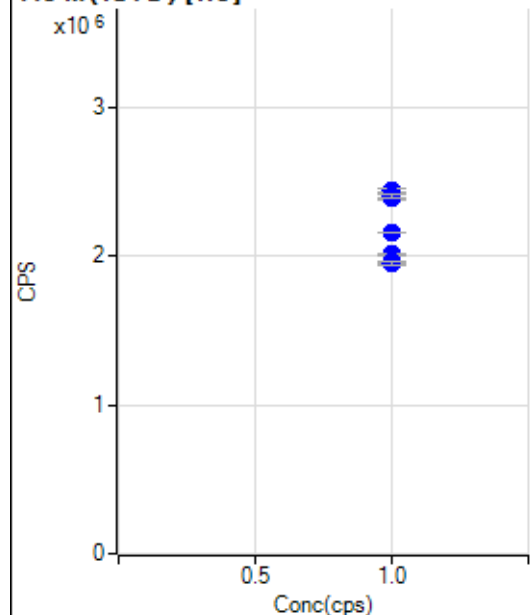
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12177330.39		A	0.5
2	☐	1.000					
3	☐	1.000		11910300.26		A	0.2
4	☐	1.000		11558792.18		A	0.2
5	☐	1.000		10760096.59		A	1.1
6	☐	1.000		9792013.15		A	0.8
7	☐	1.000		9326474.86		A	0.6
8	☐	1.000		9224289.53		A	0.5
9	☐	1.000		8489940.47		A	1.1

103 Rh (ISTD) [He]

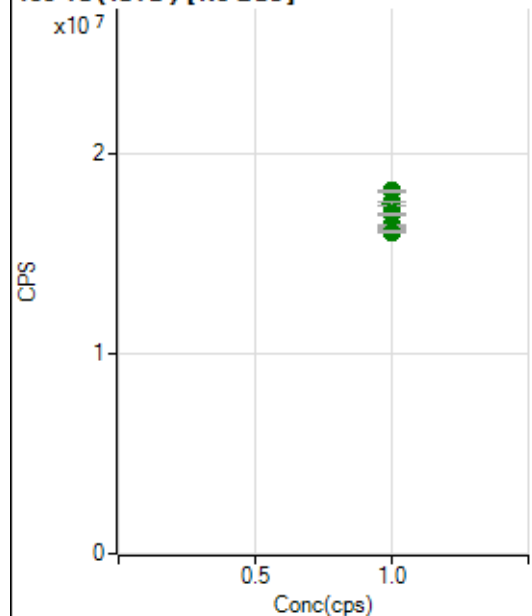
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5441238.11		P	0.3
2	☐	1.000					
3	☐	1.000		5504450.54		P	1.0
4	☐	1.000		5427960.96		P	0.8
5	☐	1.000		4842877.63		P	0.1
6	☐	1.000		4462155.66		P	0.6
7	☐	1.000		4330030.28		P	0.9
8	☐	1.000		4337121.74		P	1.4
9	☐	1.000		3998291.36		P	1.7

115 In (ISTD) [No Gas]

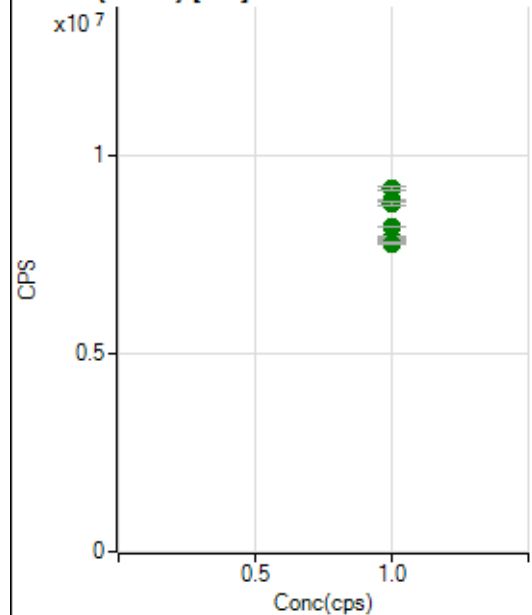
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13425276.92		A	0.1
2	☐	1.000					
3	☐	1.000		13030982.10		A	0.5
4	☐	1.000		12780597.38		A	0.9
5	☐	1.000		12162676.09		A	0.9
6	☐	1.000		11233822.46		A	0.9
7	☐	1.000		10861838.42		A	0.1
8	☐	1.000		10809013.76		A	0.8
9	☐	1.000		10565761.47		A	1.3

115 In (ISTD) [He]

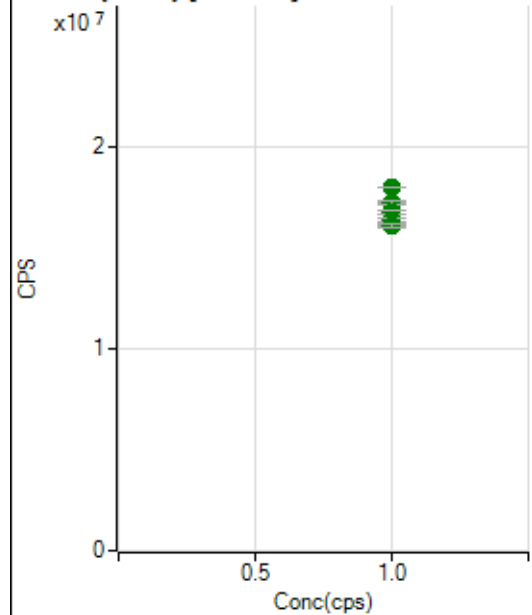
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2388283.00		P	0.5
2	☐	1.000					
3	☐	1.000		2437177.49		P	1.1
4	☐	1.000		2405619.94		P	1.2
5	☐	1.000		2159403.78		P	0.2
6	☐	1.000		2014205.94		P	0.6
7	☐	1.000		1961598.38		P	0.8
8	☐	1.000		1951837.09		P	1.5
9	☐	1.000		1952856.58		P	1.4

159 Tb (ISTD) [No Gas]

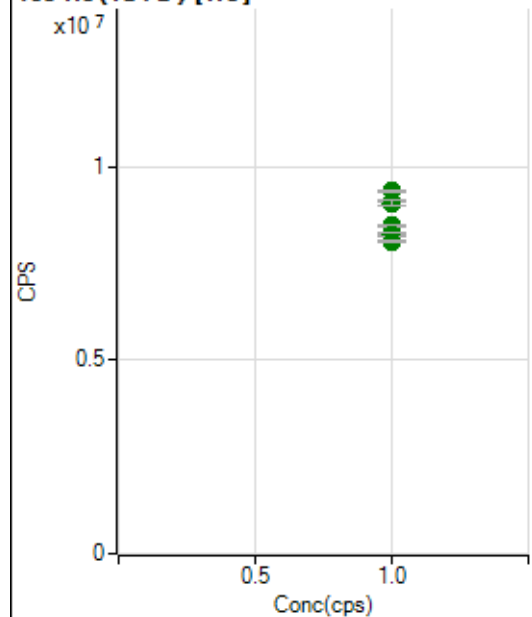
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18147877.37		A	0.7
2	☐	1.000					
3	☐	1.000		17609368.21		A	0.2
4	☐	1.000		17508206.13		A	0.6
5	☐	1.000		17012671.00		A	0.6
6	☐	1.000		16259138.37		A	0.6
7	☐	1.000		16194921.56		A	0.7
8	☐	1.000		16400661.15		A	0.6
9	☐	1.000		16075490.46		A	0.7

159 Tb (ISTD) [He]

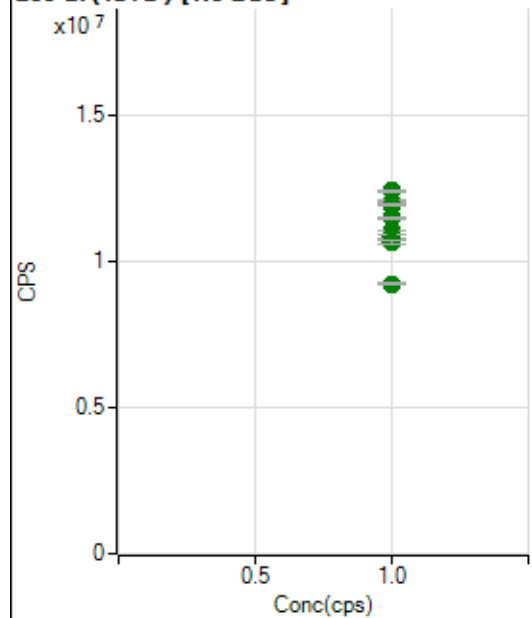
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9155684.03		A	1.2
2	☐	1.000					
3	☐	1.000		8869078.96		A	0.2
4	☐	1.000		8787800.98		A	0.8
5	☐	1.000		8205465.29		A	0.4
6	☐	1.000		7896241.20		A	0.4
7	☐	1.000		7779577.87		A	0.4
8	☐	1.000		7928382.94		A	1.0
9	☐	1.000		7780737.45		A	0.7

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17972094.85		A	0.1
2	☐	1.000					
3	☐	1.000		17245635.11		A	0.3
4	☐	1.000		17244680.94		A	0.9
5	☐	1.000		16762249.33		A	1.3
6	☐	1.000		16190362.86		A	0.2
7	☐	1.000		16121500.36		A	0.1
8	☐	1.000		16392092.21		A	0.8
9	☐	1.000		16088736.64		A	0.8

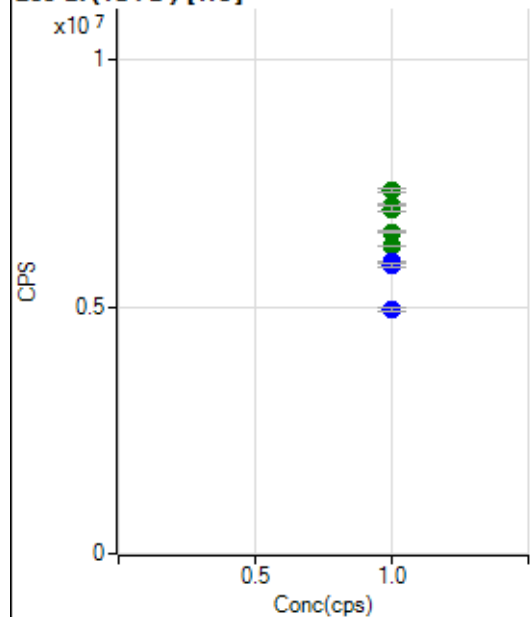
165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9372117.43		A	0.8
2	☐	1.000					
3	☐	1.000		9106024.93		A	0.4
4	☐	1.000		9062080.28		A	1.2
5	☐	1.000		8492382.58		A	0.5
6	☐	1.000		8215216.75		A	0.2
7	☐	1.000		8107576.13		A	0.2
8	☐	1.000		8235131.82		A	0.9
9	☐	1.000		8060646.62		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12421821.20		A	0.4
2	☐	1.000					
3	☐	1.000		12066625.65		A	0.3
4	☐	1.000		11925688.43		A	0.5
5	☐	1.000		11514891.77		A	0.7
6	☐	1.000		11054319.56		A	0.2
7	☐	1.000		10844448.17		A	1.1
8	☐	1.000		10650437.83		A	1.0
9	☐	1.000		9250386.67		A	0.6

209 Bi (ISTD) [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7350315.24		A	0.9
2	☐	1.000					
3	☐	1.000		7064814.06		A	0.4
4	☐	1.000		6991074.06		A	1.4
5	☐	1.000		6515478.17		A	0.3
6	☐	1.000		6221825.74		A	0.2
7	☐	1.000		5918216.44		P	0.6
8	☐	1.000		5852670.05		P	1.5
9	☐	1.000		4953971.28		P	1.3

US EPA Tune Check Sample Report

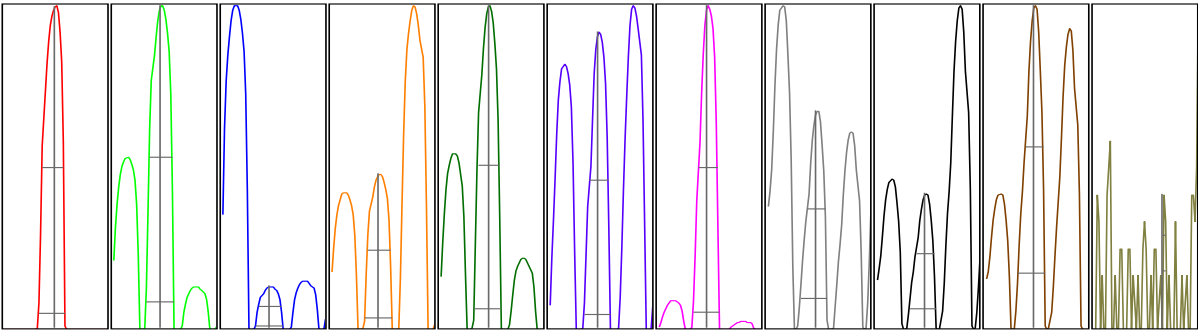
Batch Folder D:\ICP-MS Data\P7121118-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	16052	0.28	5.00	
24	131242	0.39	5.00	
25	17277	0.38	5.00	
26	19920	0.46	5.00	
59	92630	0.55	5.00	
113	12694	1.77	5.00	
115	155704	3.34	5.00	
206	41029	0.46	5.00	
207	39344	0.39	5.00	
208	88770	0.43	5.00	
220	0	81.22		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	15994	16070	16032	16051	16116
24	130467	131017	131423	131574	131732
25	17222	17195	17350	17315	17305
26	19768	19903	19973	19981	19976
59	91931	92408	93129	92546	93137
113	13030	12769	12665	12571	12435
115	162862	158639	155209	151973	149839
206	40810	40897	40995	41238	41205
207	39091	39314	39422	39478	39418
208	88232	88535	89184	89011	88890
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	27175	9.00	8.9 - 9.1		0.765	0.900	
24	209653	23.90	23.9 - 24.1		0.807	0.900	
25	27873	24.90	24.9 - 25.1		0.788	0.900	
26	31581	25.90	25.9 - 26.1		0.787	0.900	
59	157789	58.95	58.9 - 59.1		0.783	0.900	
113	23989	112.95	112.9 - 113.1		0.764	0.900	
115	294798	114.95	114.9 - 115.1		0.763	0.900	
206	75051	205.95	205.9 - 206.1		0.767	0.900	
207	67750	206.95	206.9 - 207.1		0.766	0.900	
208	162024	207.95	207.9 - 208.1		0.768	0.900	
220	0	220.50	-		0.102		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	5.8	V	Deflect	14.0	V
Extract 2	-85.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-45	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	22227	2.85	
89	28905	2.76	
205	36784	2.56	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	22317	22504	22503	22692	21120
89	29239	29177	29203	29417	27488
205	37253	37064	37199	37297	35105

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.8	V	Deflect	1.8	V
Extract 2	-115.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-60	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 17:12:54 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.06	-0.17	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Boron	11-1	0.01	0.01	-0.02	0.00	N/A	ppb
Cadmium	111-1	0.00	-0.03	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.05	-0.42	0.47	0.00	N/A	ppb
Cadmium	108-1	0.00	-0.03	0.03	0.00	N/A	ppb
Calcium	43-1	0.43	0.79	-1.22	0.00	N/A	ppb
Calcium	44-1	-0.29	-0.15	0.44	0.00	N/A	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-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				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.00	0.00	0.00	0.00	N/A	ppb
Iron	57-2	-0.21	-0.36	0.57	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.08	0.14	-0.06	0.00	N/A	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:12:54	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-29.53	-26.16	-25.93	-27.21		ppb
Potassium	39-2	2.24	-0.76	-1.49	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.11	-0.11	0.21	0.00	N/A	ppb
Selenium	78-2	-0.05	0.15	-0.10	0.00	N/A	ppb
Selenium	82-1	0.01	-0.15	0.14	0.00	N/A	ppb
Silicon	28-1	-0.08	0.38	-0.30	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	-0.03	-0.09	0.12	0.00	N/A	ppb
Strontium	86-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-26.08	-17.25	-16.74	-20.02		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.01	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:12:54	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	0.01	-0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:21:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.06	17.91	16.96	17.31	3.02	ppb
Antimony	121-1	1.95	2.00	1.94	1.96	1.46	ppb
Arsenic	75-2	1.01	1.02	1.07	1.03	3.04	ppb
Barium	135-1	9.93	9.83	10.00	9.92	0.85	ppb
Barium	137-1	9.93	9.78	9.77	9.83	0.92	ppb
Beryllium	9-1	1.04	1.05	1.03	1.04	1.17	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	23.93	23.37	22.95	23.42	2.10	ppb
Boron	11-1	22.41	22.65	23.04	22.70	1.40	ppb
Cadmium	111-1	1.13	1.13	1.14	1.13	0.82	ppb
Cadmium	106-1	0.93	2.14	2.10	1.73	39.91	ppb
Cadmium	108-1	1.03	0.82	1.22	1.02	19.31	ppb
Calcium	43-1	431.12	435.30	452.03	439.48	2.52	ppb
Calcium	44-1	434.41	438.31	442.14	438.28	0.88	ppb
Chromium	52-2	1.88	1.94	1.87	1.90	1.87	ppb
Cobalt	59-2	1.01	0.98	0.97	0.99	1.80	ppb
Copper	63-2	2.16	2.09	2.10	2.12	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				96		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	53.02	53.31	53.35	53.23	0.33	ppb
Iron	57-2	54.31	56.48	53.02	54.61	3.20	ppb
Krypton	83-1						cps
Lead	206-1	0.85	0.88	0.85	0.86	1.54	ppb
Lead	207-1	0.81	0.86	0.83	0.83	2.92	ppb
Lead	208-1	0.85	0.89	0.83	0.86	3.22	ppb
Lithium	6-1				104		%
Magnesium	24-2	463.03	471.62	464.88	466.51	0.97	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:21:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.96	1.00	0.99	0.98	2.30	ppb
Molybdenum	94-1	4.84	4.74	4.65	4.74	2.02	ppb
Molybdenum	95-1	4.82	4.79	4.82	4.81	0.39	ppb
Molybdenum	96-1	4.90	4.85	4.80	4.85	1.09	ppb
Molybdenum	97-1	4.93	4.66	4.70	4.76	3.00	ppb
Molybdenum	98-1	4.91	4.72	4.77	4.80	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.03	1.03	1.02	2.36	ppb
Phosphorus	31-2	38.30	25.82	17.50	27.21	38.48	ppb
Potassium	39-2	458.39	459.98	459.00	459.12	0.18	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	4.92	3.36	7.01	5.09	35.95	ppb
Selenium	78-2	6.34	5.88	5.40	5.87	7.97	ppb
Selenium	82-1	5.46	5.60	5.46	5.50	1.47	ppb
Silicon	28-1	10.45	9.66	10.14	10.09	3.94	ppb
Silver	109-1	1.04	0.98	1.03	1.02	3.15	ppb
Silver	107-1	1.04	1.06	1.04	1.04	0.91	ppb
Sodium	23-2	444.50	442.60	447.59	444.90	0.57	ppb
Strontium	86-1	0.90	0.94	0.93	0.92	2.11	ppb
Strontium	88-1	0.88	0.90	0.91	0.89	1.40	ppb
Sulfur	34-1	7.03	21.02	32.02	20.02	62.54	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.88	0.87	0.89	0.88	1.26	ppb
Thallium	205-1	0.86	0.86	0.88	0.87	1.39	ppb
Thorium	232-1	0.78	0.80	0.80	0.79	0.90	ppb
Tin	118-1	5.11	5.04	5.01	5.05	1.06	ppb
Titanium	47-1	4.70	4.80	4.88	4.79	1.83	ppb
Uranium	238-1	0.81	0.80	0.79	0.80	1.54	ppb
Vanadium	51-2	5.03	5.04	4.92	5.00	1.34	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:21:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.13	1.96	2.09	2.06	4.54	ppb
Zirconium	90-1	0.91	0.92	0.94	0.92	1.68	ppb
Zirconium	91-1	0.90	0.90	0.97	0.92	4.59	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:25:10	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	981.93	971.69	1004.81	986.14	1.72	ppb
Antimony	121-1	54.61	55.81	55.08	55.16	1.10	ppb
Arsenic	75-2	55.20	54.20	54.03	54.48	1.16	ppb
Barium	135-1	264.55	269.79	265.31	266.55	1.06	ppb
Barium	137-1	266.52	266.29	265.35	266.05	0.23	ppb
Beryllium	9-1	56.65	56.73	55.81	56.40	0.90	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	52.69	51.82	51.70	52.07	1.03	ppb
Boron	11-1	51.01	52.41	51.51	51.64	1.37	ppb
Cadmium	111-1	58.60	58.96	59.14	58.90	0.47	ppb
Cadmium	106-1	59.00	59.38	56.95	58.44	2.24	ppb
Cadmium	108-1	59.27	60.64	57.46	59.13	2.70	ppb
Calcium	43-1	4853.99	4878.00	4820.10	4850.70	0.60	ppb
Calcium	44-1	4855.27	4876.50	4862.29	4864.69	0.22	ppb
Chromium	52-2	51.33	50.89	52.06	51.42	1.15	ppb
Cobalt	59-2	52.93	52.47	53.45	52.95	0.92	ppb
Copper	63-2	109.62	108.17	110.95	109.58	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				96		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				101		%
Iron	56-2	2720.65	2678.65	2738.93	2712.74	1.14	ppb
Iron	57-2	2729.33	2709.61	2822.69	2753.88	2.19	ppb
Krypton	83-1						cps
Lead	206-1	48.59	49.35	48.52	48.82	0.94	ppb
Lead	207-1	48.64	49.25	49.02	48.97	0.63	ppb
Lead	208-1	48.81	49.47	49.10	49.13	0.67	ppb
Lithium	6-1				104		%
Magnesium	24-2	5078.43	5093.69	5204.92	5125.68	1.35	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:25:10	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.87	100.55	103.23	101.89	1.31	ppb
Molybdenum	94-1	255.49	256.40	252.12	254.67	0.89	ppb
Molybdenum	95-1	257.20	257.99	254.86	256.69	0.64	ppb
Molybdenum	96-1	255.31	256.31	253.47	255.03	0.56	ppb
Molybdenum	97-1	254.34	250.52	252.07	252.31	0.76	ppb
Molybdenum	98-1	252.25	256.99	251.90	253.71	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.29	53.59	55.10	54.33	1.39	ppb
Phosphorus	31-2	1023.96	1045.63	1070.79	1046.79	2.24	ppb
Potassium	39-2	2478.28	2440.03	2508.80	2475.70	1.39	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	58.28	52.34	54.27	54.96	5.51	ppb
Selenium	78-2	54.40	56.85	56.65	55.96	2.43	ppb
Selenium	82-1	56.62	54.76	55.53	55.64	1.68	ppb
Silicon	28-1	58.03	58.49	58.25	58.26	0.39	ppb
Silver	109-1	58.40	59.15	58.35	58.64	0.77	ppb
Silver	107-1	58.37	59.62	58.13	58.70	1.37	ppb
Sodium	23-2	4807.55	4788.87	4930.29	4842.24	1.59	ppb
Strontium	86-1	51.51	51.07	50.57	51.05	0.93	ppb
Strontium	88-1	50.84	51.25	50.78	50.96	0.50	ppb
Sulfur	34-1	1078.12	1061.20	1076.34	1071.89	0.87	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	48.84	49.53	49.51	49.29	0.80	ppb
Thallium	205-1	48.80	49.78	49.48	49.35	1.01	ppb
Thorium	232-1	45.62	46.11	46.04	45.92	0.58	ppb
Tin	118-1	54.57	55.50	54.85	54.97	0.87	ppb
Titanium	47-1	253.79	255.33	255.32	254.81	0.35	ppb
Uranium	238-1	46.22	46.49	46.31	46.34	0.30	ppb
Vanadium	51-2	50.48	50.07	51.50	50.68	1.45	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:25:10	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	109.95	108.11	111.08	109.71	1.37	ppb
Zirconium	90-1	50.62	50.69	50.12	50.48	0.62	ppb
Zirconium	91-1	50.46	51.55	50.65	50.89	1.15	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:29:12	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2508.45	2528.98	2531.65	2523.03	0.50	ppb
Antimony	121-1	136.29	137.00	136.00	136.43	0.38	ppb
Arsenic	75-2	135.30	135.13	134.31	134.91	0.39	ppb
Barium	135-1	662.67	666.29	659.95	662.97	0.48	ppb
Barium	137-1	660.09	659.24	653.74	657.69	0.52	ppb
Beryllium	9-1	138.34	138.42	137.88	138.21	0.21	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	122.33	128.40	130.47	127.07	3.33	ppb
Boron	11-1	125.13	128.00	128.05	127.06	1.31	ppb
Cadmium	111-1	145.09	145.12	144.31	144.84	0.32	ppb
Cadmium	106-1	142.91	143.40	141.86	142.72	0.55	ppb
Cadmium	108-1	143.86	145.56	143.84	144.42	0.68	ppb
Calcium	43-1	12155.92	12148.90	12460.87	12255.23	1.45	ppb
Calcium	44-1	12143.64	12099.17	12073.48	12105.43	0.29	ppb
Chromium	52-2	129.93	129.72	130.67	130.11	0.38	ppb
Cobalt	59-2	133.12	133.48	135.03	133.88	0.76	ppb
Copper	63-2	275.20	278.75	276.55	276.84	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				91		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	6942.90	6935.22	6950.79	6942.97	0.11	ppb
Iron	57-2	6936.57	7051.12	7003.88	6997.19	0.82	ppb
Krypton	83-1						cps
Lead	206-1	139.24	138.92	141.79	139.98	1.12	ppb
Lead	207-1	138.17	137.95	140.76	138.96	1.12	ppb
Lead	208-1	138.98	139.17	141.47	139.87	0.99	ppb
Lithium	6-1				100		%
Magnesium	24-2	13073.64	13126.57	13167.14	13122.45	0.36	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:29:12	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	262.15	258.48	260.40	260.35	0.71	ppb
Molybdenum	94-1	640.93	640.27	650.02	643.74	0.85	ppb
Molybdenum	95-1	648.34	647.28	651.92	649.18	0.37	ppb
Molybdenum	96-1	636.14	647.49	652.91	645.51	1.33	ppb
Molybdenum	97-1	630.55	639.68	646.63	638.95	1.26	ppb
Molybdenum	98-1	630.91	633.41	639.01	634.44	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.94	136.87	135.67	135.82	0.72	ppb
Phosphorus	31-2	2596.68	2607.46	2669.61	2624.58	1.50	ppb
Potassium	39-2	6248.18	6199.59	6226.67	6224.81	0.39	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	132.22	137.91	130.30	133.48	2.96	ppb
Selenium	78-2	137.07	136.61	141.86	138.51	2.10	ppb
Selenium	82-1	139.91	138.39	140.17	139.49	0.69	ppb
Silicon	28-1	143.86	142.42	144.79	143.69	0.83	ppb
Silver	109-1	142.84	142.46	142.21	142.51	0.22	ppb
Silver	107-1	141.78	142.39	142.04	142.07	0.22	ppb
Sodium	23-2	12314.18	12384.55	12519.41	12406.05	0.84	ppb
Strontium	86-1	128.45	130.07	130.40	129.64	0.81	ppb
Strontium	88-1	129.28	127.58	129.72	128.86	0.88	ppb
Sulfur	34-1	2630.28	2622.12	2778.56	2676.99	3.29	ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	124.38	125.30	127.25	125.64	1.17	ppb
Thallium	205-1	123.63	124.76	125.28	124.56	0.68	ppb
Thorium	232-1	117.24	116.90	117.49	117.21	0.25	ppb
Tin	118-1	135.24	136.26	134.53	135.34	0.64	ppb
Titanium	47-1	637.78	643.84	645.11	642.24	0.61	ppb
Uranium	238-1	117.74	117.00	118.11	117.62	0.48	ppb
Vanadium	51-2	128.53	129.23	128.21	128.66	0.40	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:29:12	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	281.32	280.04	282.60	281.32	0.46	ppb
Zirconium	90-1	127.21	126.23	129.65	127.70	1.38	ppb
Zirconium	91-1	129.15	129.28	130.14	129.52	0.42	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:33:00	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4972.96	4923.74	4911.04	4935.91	0.66	ppb
Antimony	121-1	264.31	263.74	264.38	264.14	0.13	ppb
Arsenic	75-2	260.51	260.31	259.71	260.18	0.16	ppb
Barium	135-1	1287.78	1296.48	1284.90	1289.72	0.47	ppb
Barium	137-1	1274.47	1273.45	1267.22	1271.71	0.31	ppb
Beryllium	9-1	263.88	262.57	264.72	263.72	0.41	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	243.85	252.38	260.31	252.18	3.26	ppb
Boron	11-1	244.98	247.06	254.42	248.82	1.99	ppb
Cadmium	111-1	274.05	273.56	275.08	274.23	0.28	ppb
Cadmium	106-1	273.61	269.46	276.44	273.17	1.28	ppb
Cadmium	108-1	268.33	273.44	266.49	269.42	1.34	ppb
Calcium	43-1	24260.67	24229.57	24252.76	24247.67	0.07	ppb
Calcium	44-1	24321.60	24258.16	23862.80	24147.52	1.03	ppb
Chromium	52-2	255.35	254.28	252.41	254.02	0.59	ppb
Cobalt	59-2	263.07	258.32	258.19	259.86	1.07	ppb
Copper	63-2	534.72	532.30	529.63	532.22	0.48	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				90		%
Holmium	165-2				88		%
Indium	115-1				84		%
Indium	115-2				84		%
Iron	56-2	13713.43	13549.29	13502.85	13588.53	0.81	ppb
Iron	57-2	13900.54	13594.85	13713.05	13736.14	1.12	ppb
Krypton	83-1						cps
Lead	206-1	258.07	258.46	258.07	258.20	0.09	ppb
Lead	207-1	255.94	260.41	259.67	258.67	0.93	ppb
Lead	208-1	257.17	257.79	257.74	257.56	0.13	ppb
Lithium	6-1				95		%
Magnesium	24-2	25959.22	25720.61	25507.17	25729.00	0.88	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:33:00	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	509.45	511.89	509.76	510.37	0.26	ppb
Molybdenum	94-1	1256.62	1238.94	1244.55	1246.70	0.72	ppb
Molybdenum	95-1	1265.69	1252.90	1259.82	1259.47	0.51	ppb
Molybdenum	96-1	1257.20	1249.21	1254.45	1253.62	0.32	ppb
Molybdenum	97-1	1243.72	1241.40	1254.68	1246.60	0.57	ppb
Molybdenum	98-1	1258.54	1249.24	1250.68	1252.82	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	268.93	268.37	264.06	267.12	1.00	ppb
Phosphorus	31-2	5143.08	5109.19	4961.58	5071.28	1.90	ppb
Potassium	39-2	12177.64	12132.64	12184.47	12164.92	0.23	ppb
Rhodium	103-1				80		%
Rhodium	103-2				82		%
Scandium	45-1				84		%
Scandium	45-2				80		%
Selenium	77-2	266.49	264.25	268.38	266.37	0.78	ppb
Selenium	78-2	272.44	267.77	257.27	265.82	2.92	ppb
Selenium	82-1	270.34	269.08	270.51	269.97	0.29	ppb
Silicon	28-1	280.46	278.99	278.18	279.21	0.41	ppb
Silver	109-1	266.27	268.69	265.18	266.71	0.67	ppb
Silver	107-1	264.81	266.37	265.25	265.47	0.30	ppb
Sodium	23-2	24664.81	24459.41	24411.83	24512.02	0.55	ppb
Strontium	86-1	251.35	254.99	255.18	253.84	0.85	ppb
Strontium	88-1	251.96	249.75	250.56	250.76	0.45	ppb
Sulfur	34-1	5288.88	5257.97	5130.20	5225.68	1.61	ppb
Terbium	159-1				90		%
Terbium	159-2				86		%
Thallium	203-1	248.05	247.83	250.91	248.93	0.69	ppb
Thallium	205-1	246.20	244.83	245.37	245.46	0.28	ppb
Thorium	232-1	239.67	238.92	241.00	239.87	0.44	ppb
Tin	118-1	261.14	259.72	260.40	260.42	0.27	ppb
Titanium	47-1	1274.13	1265.28	1262.39	1267.27	0.48	ppb
Uranium	238-1	240.49	238.83	239.20	239.51	0.36	ppb
Vanadium	51-2	253.90	250.18	249.69	251.26	0.91	ppb
Yttrium	89-1				85		%
Yttrium	89-2				83		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:33:00	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	549.82	545.37	547.26	547.48	0.41	ppb
Zirconium	90-1	249.17	251.79	250.24	250.40	0.53	ppb
Zirconium	91-1	253.83	253.52	251.24	252.86	0.56	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:36:46	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9832.15	9855.12	9881.16	9856.14	0.25	ppb
Antimony	121-1	498.47	509.52	504.54	504.18	1.10	ppb
Arsenic	75-2	515.01	508.53	505.32	509.62	0.97	ppb
Barium	135-1	2489.54	2508.05	2498.04	2498.55	0.37	ppb
Barium	137-1	2503.74	2504.35	2488.39	2498.83	0.36	ppb
Beryllium	9-1	508.99	517.30	513.61	513.30	0.81	ppb
Bismuth	209-1				87		%
Bismuth	209-2				81		%
Boron	10-1	480.71	506.04	509.50	498.75	3.15	ppb
Boron	11-1	481.09	501.59	509.37	497.35	2.94	ppb
Cadmium	111-1	516.56	524.39	519.29	520.08	0.76	ppb
Cadmium	106-1	509.15	519.07	522.50	516.91	1.34	ppb
Cadmium	108-1	509.93	520.23	513.24	514.47	1.02	ppb
Calcium	43-1	48587.68	47976.57	48943.48	48502.58	1.01	ppb
Calcium	44-1	48484.15	47885.99	48415.93	48262.02	0.68	ppb
Chromium	52-2	506.27	507.17	511.45	508.30	0.54	ppb
Cobalt	59-2	508.14	511.32	519.93	513.13	1.19	ppb
Copper	63-2	1036.99	1043.25	1054.39	1044.88	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				90		%
Holmium	165-2				87		%
Indium	115-1				81		%
Indium	115-2				82		%
Iron	56-2	27336.54	27036.69	27169.48	27180.91	0.55	ppb
Iron	57-2	27169.60	27208.95	27528.59	27302.38	0.72	ppb
Krypton	83-1						cps
Lead	206-1	482.36	493.61	484.37	486.78	1.23	ppb
Lead	207-1	485.77	495.90	487.53	489.73	1.10	ppb
Lead	208-1	488.45	495.59	486.91	490.32	0.95	ppb
Lithium	6-1				91		%
Magnesium	24-2	51475.13	51122.39	51919.08	51505.54	0.78	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:36:46	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1017.74	1019.48	1025.44	1020.89	0.40	ppb
Molybdenum	94-1	2525.75	2493.71	2506.85	2508.77	0.64	ppb
Molybdenum	95-1	2506.21	2506.87	2513.78	2508.95	0.17	ppb
Molybdenum	96-1	2505.10	2501.68	2519.30	2508.69	0.37	ppb
Molybdenum	97-1	2515.40	2533.93	2521.39	2523.57	0.37	ppb
Molybdenum	98-1	2509.81	2485.34	2523.83	2506.33	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.18	510.28	526.60	516.02	1.78	ppb
Phosphorus	31-2	9982.95	10363.21	10181.47	10175.88	1.87	ppb
Potassium	39-2	24330.07	24101.52	24298.89	24243.49	0.51	ppb
Rhodium	103-1				77		%
Rhodium	103-2				80		%
Scandium	45-1				80		%
Scandium	45-2				78		%
Selenium	77-2	511.67	515.63	525.71	517.67	1.40	ppb
Selenium	78-2	512.51	514.81	512.10	513.14	0.28	ppb
Selenium	82-1	518.31	521.51	525.56	521.79	0.70	ppb
Silicon	28-1	545.88	544.68	549.62	546.73	0.47	ppb
Silver	109-1	505.14	504.25	499.50	502.96	0.60	ppb
Silver	107-1	505.44	506.76	499.53	503.91	0.76	ppb
Sodium	23-2	49346.74	49095.71	49734.78	49392.41	0.65	ppb
Strontium	86-1	501.21	503.24	504.14	502.86	0.30	ppb
Strontium	88-1	504.98	502.12	502.26	503.12	0.32	ppb
Sulfur	34-1	10328.14	10165.09	10330.71	10274.65	0.92	ppb
Terbium	159-1				89		%
Terbium	159-2				85		%
Thallium	203-1	495.92	502.03	488.51	495.49	1.37	ppb
Thallium	205-1	496.77	500.69	488.67	495.38	1.24	ppb
Thorium	232-1	485.82	493.46	485.94	488.41	0.90	ppb
Tin	118-1	492.63	503.45	499.35	498.47	1.10	ppb
Titanium	47-1	2517.97	2523.93	2537.74	2526.55	0.40	ppb
Uranium	238-1	485.29	494.60	483.65	487.85	1.21	ppb
Vanadium	51-2	505.17	505.06	510.79	507.00	0.65	ppb
Yttrium	89-1				83		%
Yttrium	89-2				82		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:36:46	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1050.48	1058.04	1070.18	1059.57	0.94	ppb
Zirconium	90-1	500.23	499.22	500.31	499.92	0.12	ppb
Zirconium	91-1	495.83	501.15	502.94	499.97	0.74	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:40:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19505.96	19621.07	19464.98	19530.67	0.41	ppb
Antimony	121-1	999.44	984.07	994.56	992.69	0.79	ppb
Arsenic	75-2	988.93	1000.44	984.17	991.18	0.84	ppb
Barium	135-1	5008.07	4951.92	4995.68	4985.22	0.59	ppb
Barium	137-1	4983.91	4977.88	5009.02	4990.27	0.33	ppb
Beryllium	9-1	979.70	991.89	992.26	987.95	0.72	ppb
Bismuth	209-1				86		%
Bismuth	209-2				80		%
Boron	10-1	975.45	1005.39	1018.44	999.76	2.20	ppb
Boron	11-1	981.05	1005.72	1017.25	1001.34	1.85	ppb
Cadmium	111-1	975.72	975.88	991.33	980.98	0.91	ppb
Cadmium	106-1	979.64	979.45	990.25	983.12	0.63	ppb
Cadmium	108-1	989.41	977.27	988.40	985.03	0.68	ppb
Calcium	43-1	93949.16	94457.95	95062.64	94489.92	0.59	ppb
Calcium	44-1	94136.46	95600.98	95075.93	94937.79	0.78	ppb
Chromium	52-2	999.64	998.68	984.09	994.14	0.88	ppb
Cobalt	59-2	993.92	990.54	984.68	989.71	0.47	ppb
Copper	63-2	1992.16	1957.09	1947.77	1965.67	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				88		%
Indium	115-1				81		%
Indium	115-2				82		%
Iron	56-2	53014.15	52775.08	52102.12	52630.45	0.90	ppb
Iron	57-2	52981.87	53353.24	52630.34	52988.48	0.68	ppb
Krypton	83-1						cps
Lead	206-1	1009.49	1008.06	990.69	1002.75	1.04	ppb
Lead	207-1	1009.07	1003.57	991.17	1001.27	0.92	ppb
Lead	208-1	1008.19	1005.15	990.07	1001.14	0.97	ppb
Lithium	6-1				90		%
Magnesium	24-2	101578.41	100601.38	99389.43	100523.07	1.09	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:40:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1979.98	1995.34	1981.41	1985.58	0.43	ppb
Molybdenum	94-1	5016.25	4966.47	4998.87	4993.86	0.51	ppb
Molybdenum	95-1	5021.25	4972.73	4975.41	4989.80	0.55	ppb
Molybdenum	96-1	5000.40	4986.93	4988.48	4991.93	0.15	ppb
Molybdenum	97-1	4994.21	4987.41	4979.99	4987.20	0.14	ppb
Molybdenum	98-1	5011.13	4997.95	4975.21	4994.77	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.23	986.76	984.43	986.14	0.15	ppb
Phosphorus	31-2	19709.83	20000.34	19918.82	19876.33	0.75	ppb
Potassium	39-2	48483.07	48276.41	47342.63	48034.04	1.26	ppb
Rhodium	103-1				76		%
Rhodium	103-2				80		%
Scandium	45-1				82		%
Scandium	45-2				82		%
Selenium	77-2	968.41	993.67	995.21	985.76	1.53	ppb
Selenium	78-2	994.59	991.58	976.28	987.48	0.99	ppb
Selenium	82-1	978.97	982.99	984.08	982.01	0.27	ppb
Silicon	28-1	966.28	966.15	967.32	966.58	0.07	ppb
Silver	109-1	1000.00	983.45	991.71	991.72	0.83	ppb
Silver	107-1	990.49	988.28	996.05	991.61	0.40	ppb
Sodium	23-2	98014.61	97059.45	96217.75	97097.27	0.93	ppb
Strontium	86-1	993.89	993.40	1003.64	996.98	0.58	ppb
Strontium	88-1	997.41	1001.41	994.34	997.72	0.36	ppb
Sulfur	34-1	19680.97	19834.62	19826.02	19780.54	0.44	ppb
Terbium	159-1				90		%
Terbium	159-2				87		%
Thallium	203-1	1007.49	1001.82	998.12	1002.48	0.47	ppb
Thallium	205-1	1004.94	1011.93	993.73	1003.53	0.91	ppb
Thorium	232-1	1016.57	1011.24	1000.71	1009.51	0.80	ppb
Tin	118-1	1005.40	984.46	999.99	996.62	1.09	ppb
Titanium	47-1	4958.96	5004.60	4976.49	4980.01	0.46	ppb
Uranium	238-1	1010.71	1016.30	1002.41	1009.80	0.69	ppb
Vanadium	51-2	999.15	1000.00	987.92	995.69	0.68	ppb
Yttrium	89-1				84		%
Yttrium	89-2				84		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:40:29	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1957.17	1952.62	1952.05	1953.94	0.14	ppb
Zirconium	90-1	1005.72	997.69	995.33	999.58	0.54	ppb
Zirconium	91-1	991.53	996.03	1008.49	998.69	0.88	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:44:14	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99784.21	99545.25	101003.60	100111.02	0.78	ppb
Antimony	121-1	1.36	1.36	1.34	1.35	0.90	ppb
Arsenic	75-2	1.37	1.53	1.28	1.39	9.06	ppb
Barium	135-1	0.92	0.81	0.84	0.85	6.57	ppb
Barium	137-1	0.77	0.81	0.80	0.79	2.40	ppb
Beryllium	9-1	0.15	0.12	0.09	0.12	25.49	ppb
Bismuth	209-1				74		%
Bismuth	209-2				67		%
Boron	10-1	34.66	30.93	28.34	31.31	10.15	ppb
Boron	11-1	34.42	30.81	28.80	31.34	9.07	ppb
Cadmium	111-1	0.06	0.00	0.08	0.05	94.63	ppb
Cadmium	106-1	-1.07	-1.91	-0.30	-1.09		ppb
Cadmium	108-1	0.28	0.26	0.38	0.31	20.08	ppb
Calcium	43-1	503537.05	500389.75	499964.34	501297.05	0.39	ppb
Calcium	44-1	504517.04	500205.62	498997.77	501240.14	0.58	ppb
Chromium	52-2	37.51	37.71	38.23	37.81	0.98	ppb
Cobalt	59-2	11.68	11.70	11.71	11.70	0.15	ppb
Copper	63-2	3.72	3.82	3.85	3.80	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				90		%
Holmium	165-2				86		%
Indium	115-1				79		%
Indium	115-2				82		%
Iron	56-2	249147.12	247816.03	250582.67	249181.94	0.56	ppb
Iron	57-2	248618.66	248507.64	250140.82	249089.04	0.37	ppb
Krypton	83-1						cps
Lead	206-1	1.54	1.53	1.48	1.52	2.29	ppb
Lead	207-1	1.44	1.50	1.47	1.47	1.91	ppb
Lead	208-1	1.50	1.51	1.49	1.50	0.41	ppb
Lithium	6-1				82		%
Magnesium	24-2	499442.32	497403.40	502229.07	499691.60	0.48	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:44:14	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.87	12.97	13.13	12.99	1.04	ppb
Molybdenum	94-1	5.97	6.02	5.69	5.89	3.02	ppb
Molybdenum	95-1	7.73	7.70	7.46	7.63	1.95	ppb
Molybdenum	96-1	8.80	8.61	8.59	8.67	1.32	ppb
Molybdenum	97-1	7.03	7.07	7.05	7.05	0.33	ppb
Molybdenum	98-1	7.30	7.31	7.07	7.23	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.87	30.46	30.61	30.64	0.68	ppb
Phosphorus	31-2	-18.49	-21.44	-15.17	-18.37		ppb
Potassium	39-2	250983.67	248433.72	252042.27	250486.55	0.74	ppb
Rhodium	103-1				70		%
Rhodium	103-2				73		%
Scandium	45-1				82		%
Scandium	45-2				90		%
Selenium	77-2	0.65	0.26	0.62	0.51	42.35	ppb
Selenium	78-2	0.68	0.15	0.32	0.38	70.64	ppb
Selenium	82-1	0.47	0.42	0.47	0.46	6.78	ppb
Silicon	28-1	44.32	43.75	44.03	44.03	0.64	ppb
Silver	109-1	0.06	0.07	0.05	0.06	14.43	ppb
Silver	107-1	0.06	0.07	0.07	0.06	10.34	ppb
Sodium	23-2	503696.21	497925.07	500387.78	500669.69	0.58	ppb
Strontium	86-1	4.40	4.63	4.47	4.50	2.64	ppb
Strontium	88-1	4.65	4.61	4.59	4.61	0.68	ppb
Sulfur	34-1	-270.79	-233.97	-184.59	-229.78		ppb
Terbium	159-1				89		%
Terbium	159-2				85		%
Thallium	203-1	0.28	0.27	0.25	0.26	5.46	ppb
Thallium	205-1	0.27	0.27	0.25	0.26	4.77	ppb
Thorium	232-1	0.34	0.31	0.28	0.31	10.69	ppb
Tin	118-1	1.28	1.15	1.22	1.22	5.47	ppb
Titanium	47-1	2.79	2.79	2.76	2.78	0.64	ppb
Uranium	238-1	0.17	0.18	0.17	0.17	4.51	ppb
Vanadium	51-2	0.32	0.31	0.34	0.32	4.86	ppb
Yttrium	89-1				83		%
Yttrium	89-2				86		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:44:14	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.91	14.85	14.85	14.87	0.24	ppb
Zirconium	90-1	0.42	0.45	0.44	0.44	4.22	ppb
Zirconium	91-1	0.43	0.45	0.43	0.44	2.95	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:50:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	519.85	510.26	512.36	514.15	0.98	ppb
Antimony	121-1	205.92	206.77	208.12	206.93	0.54	ppb
Arsenic	75-2	211.07	212.24	210.19	211.17	0.49	ppb
Barium	135-1	101.09	102.65	103.91	102.55	1.38	ppb
Barium	137-1	101.26	103.73	102.63	102.54	1.21	ppb
Beryllium	9-1	105.63	105.76	106.69	106.03	0.54	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	21.52	21.73	22.32	21.86	1.89	ppb
Boron	11-1	22.45	21.62	22.35	22.14	2.04	ppb
Cadmium	111-1	111.06	110.22	112.07	111.12	0.84	ppb
Cadmium	106-1	96.24	95.03	95.46	95.58	0.64	ppb
Cadmium	108-1	99.18	98.89	100.62	99.56	0.93	ppb
Calcium	43-1	1883.28	1917.84	1922.01	1907.71	1.11	ppb
Calcium	44-1	1906.88	1905.88	1936.01	1916.26	0.89	ppb
Chromium	52-2	97.05	96.60	96.44	96.70	0.33	ppb
Cobalt	59-2	102.05	100.92	102.07	101.68	0.65	ppb
Copper	63-2	106.43	105.54	106.76	106.24	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				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	1041.91	1036.90	1041.22	1040.01	0.26	ppb
Iron	57-2	1087.13	1072.09	1079.39	1079.54	0.70	ppb
Krypton	83-1						cps
Lead	206-1	190.60	190.26	191.22	190.69	0.25	ppb
Lead	207-1	182.90	184.93	185.19	184.34	0.68	ppb
Lead	208-1	187.09	187.78	187.83	187.57	0.22	ppb
Lithium	6-1				108		%
Magnesium	24-2	1185.10	1158.76	1184.51	1176.12	1.28	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:50:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.85	95.48	96.65	95.99	0.62	ppb
Molybdenum	94-1	34.81	34.41	34.67	34.63	0.59	ppb
Molybdenum	95-1	14.42	14.03	14.34	14.26	1.47	ppb
Molybdenum	96-1	17.19	17.21	16.79	17.06	1.39	ppb
Molybdenum	97-1	14.48	14.45	13.79	14.24	2.77	ppb
Molybdenum	98-1	14.43	14.47	14.34	14.41	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.99	103.02	103.30	103.44	0.48	ppb
Phosphorus	31-2	-19.41	-26.21	-21.85	-22.49		ppb
Potassium	39-2	1973.07	1935.40	1937.38	1948.61	1.09	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	224.94	232.27	222.38	226.53	2.27	ppb
Selenium	78-2	216.96	219.98	212.00	216.32	1.86	ppb
Selenium	82-1	216.67	215.18	220.32	217.39	1.22	ppb
Silicon	28-1	16.88	16.27	17.28	16.81	3.02	ppb
Silver	109-1	111.77	111.47	111.21	111.48	0.25	ppb
Silver	107-1	111.01	111.56	111.46	111.34	0.27	ppb
Sodium	23-2	1970.26	1942.31	1953.33	1955.30	0.72	ppb
Strontium	86-1	18.32	18.29	18.71	18.44	1.26	ppb
Strontium	88-1	18.37	18.39	18.60	18.45	0.70	ppb
Sulfur	34-1	-126.78	-157.39	-162.17	-148.78		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	195.29	193.14	195.24	194.56	0.63	ppb
Thallium	205-1	194.76	189.90	194.17	192.94	1.37	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	6.90	ppb
Tin	118-1	14.71	14.70	15.12	14.84	1.63	ppb
Titanium	47-1	14.34	14.00	14.60	14.31	2.08	ppb
Uranium	238-1	15.57	15.67	15.76	15.67	0.62	ppb
Vanadium	51-2	98.16	96.16	97.69	97.34	1.07	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:50:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	209.71	209.20	212.54	210.48	0.85	ppb
Zirconium	90-1	16.02	15.90	16.11	16.01	0.65	ppb
Zirconium	91-1	16.40	16.28	16.22	16.30	0.56	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:55:27	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.02	20.31	17.78	19.04	6.62	ppb
Antimony	121-1	1.98	1.99	1.94	1.97	1.34	ppb
Arsenic	75-2	1.07	0.99	0.90	0.99	8.52	ppb
Barium	135-1	9.81	9.59	9.53	9.64	1.55	ppb
Barium	137-1	9.74	9.84	9.57	9.72	1.41	ppb
Beryllium	9-1	1.03	1.07	1.09	1.06	2.83	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	27.05	28.42	29.27	28.25	3.97	ppb
Boron	11-1	27.37	27.69	28.85	27.97	2.78	ppb
Cadmium	111-1	0.96	1.09	1.06	1.03	6.58	ppb
Cadmium	106-1	-0.56	1.38	0.88	0.57	177.65	ppb
Cadmium	108-1	1.01	0.88	1.10	1.00	11.22	ppb
Calcium	43-1	448.01	457.62	440.04	448.56	1.96	ppb
Calcium	44-1	442.03	435.88	440.08	439.33	0.72	ppb
Chromium	52-2	1.87	1.94	1.86	1.89	2.31	ppb
Cobalt	59-2	0.93	0.97	0.97	0.96	2.70	ppb
Copper	63-2	1.99	2.06	2.05	2.03	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	53.44	53.51	54.03	53.66	0.59	ppb
Iron	57-2	55.57	57.35	59.81	57.57	3.70	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.86	0.87	0.87	0.96	ppb
Lead	207-1	0.83	0.86	0.87	0.85	2.49	ppb
Lead	208-1	0.87	0.88	0.89	0.88	1.31	ppb
Lithium	6-1				109		%
Magnesium	24-2	484.51	474.30	479.10	479.30	1.07	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:55:27	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.02	0.96	1.00	0.99	2.92	ppb
Molybdenum	94-1	4.81	4.71	4.71	4.74	1.23	ppb
Molybdenum	95-1	4.88	4.82	4.88	4.86	0.80	ppb
Molybdenum	96-1	4.78	4.80	4.77	4.78	0.26	ppb
Molybdenum	97-1	5.00	4.72	4.84	4.85	2.90	ppb
Molybdenum	98-1	4.84	4.89	4.83	4.85	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	1.04	1.04	1.00	7.46	ppb
Phosphorus	31-2	25.91	24.34	35.82	28.69	21.69	ppb
Potassium	39-2	459.67	453.63	460.85	458.05	0.85	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	5.49	6.09	7.28	6.29	14.44	ppb
Selenium	78-2	6.16	6.18	5.82	6.05	3.30	ppb
Selenium	82-1	5.50	5.16	5.17	5.28	3.68	ppb
Silicon	28-1	9.44	9.32	9.46	9.41	0.79	ppb
Silver	109-1	0.97	1.01	0.99	0.99	2.06	ppb
Silver	107-1	0.95	1.02	0.99	0.98	3.66	ppb
Sodium	23-2	481.63	472.39	477.10	477.04	0.97	ppb
Strontium	86-1	0.91	0.94	0.90	0.92	2.29	ppb
Strontium	88-1	0.89	0.91	0.94	0.91	2.58	ppb
Sulfur	34-1	-230.92	-247.25	-240.82	-239.66		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.91	0.87	0.90	0.90	2.32	ppb
Thallium	205-1	0.90	0.89	0.90	0.90	0.57	ppb
Thorium	232-1	0.84	0.84	0.84	0.84	0.43	ppb
Tin	118-1	5.01	4.90	5.01	4.97	1.29	ppb
Titanium	47-1	4.85	4.90	4.78	4.84	1.33	ppb
Uranium	238-1	0.78	0.81	0.79	0.79	1.67	ppb
Vanadium	51-2	4.87	4.97	4.70	4.85	2.87	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:55:27	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.24	2.08	2.13	2.15	3.81	ppb
Zirconium	90-1	0.94	0.90	0.94	0.93	2.37	ppb
Zirconium	91-1	0.93	0.93	1.01	0.96	5.09	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:02:37	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.48	0.05	0.42	0.32	74.74	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	11.52	ppb
Arsenic	75-2	0.04	0.00	0.02	0.02	98.15	ppb
Barium	135-1	0.02	0.01	0.00	0.01	74.07	ppb
Barium	137-1	0.01	0.00	0.00	0.00	229.48	ppb
Beryllium	9-1	0.02	0.02	0.01	0.01	29.25	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	4.23	3.94	4.05	4.07	3.63	ppb
Boron	11-1	4.29	4.16	3.92	4.12	4.58	ppb
Cadmium	111-1	-0.07	-0.11	-0.01	-0.06		ppb
Cadmium	106-1	-1.17	-1.68	-0.46	-1.10		ppb
Cadmium	108-1	-0.02	0.00	0.00	-0.01		ppb
Calcium	43-1	5.66	3.74	3.42	4.27	28.32	ppb
Calcium	44-1	3.37	2.52	3.72	3.21	19.33	ppb
Chromium	52-2	0.02	0.05	0.03	0.03	46.28	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.02	0.02	0.01	0.02	53.93	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				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	0.46	0.54	0.47	0.49	8.81	ppb
Iron	57-2	1.05	0.26	1.52	0.95	67.42	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	4.60	ppb
Lead	207-1	0.02	0.02	0.02	0.02	7.67	ppb
Lead	208-1	0.02	0.02	0.02	0.02	9.33	ppb
Lithium	6-1				107		%
Magnesium	24-2	1.51	1.21	0.85	1.19	27.56	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:02:37	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.01	0.02	26.29	ppb
Molybdenum	94-1	0.04	0.04	0.03	0.04	15.67	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	45.81	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	16.03	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	31.49	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	7.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00		ppb
Phosphorus	31-2	-28.03	-32.41	-27.20	-29.21		ppb
Potassium	39-2	-0.71	-1.89	-0.33	-0.98		ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	0.09	-0.23	-0.14	-0.09		ppb
Selenium	82-1	0.09	0.26	-0.05	0.10	156.76	ppb
Silicon	28-1	-2.42	-2.47	-2.55	-2.48		ppb
Silver	109-1	0.00	0.01	0.01	0.01	61.81	ppb
Silver	107-1	0.00	0.00	0.01	0.01	99.35	ppb
Sodium	23-2	13.13	12.81	11.71	12.55	5.94	ppb
Strontium	86-1	-0.01	-0.01	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	50.33	ppb
Sulfur	34-1	-83.10	-114.01	-85.30	-94.14		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.03	0.03	1.55	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	9.94	ppb
Thorium	232-1	0.02	0.02	0.01	0.02	5.97	ppb
Tin	118-1	0.02	0.03	0.02	0.02	15.40	ppb
Titanium	47-1	0.04	0.03	0.03	0.03	19.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.87	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	191.64	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:02:37	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.11	0.97	1.00	1.03	7.17	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	217.59	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	24.14	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:06:13	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89133.72	87864.37	87882.05	88293.38	0.82	ppb
Antimony	121-1	1.18	1.09	1.21	1.16	5.19	ppb
Arsenic	75-2	0.29	0.35	0.36	0.33	11.63	ppb
Barium	135-1	1.52	1.54	1.51	1.52	0.89	ppb
Barium	137-1	1.48	1.41	1.54	1.48	4.50	ppb
Beryllium	9-1	0.32	0.30	0.29	0.30	5.21	ppb
Bismuth	209-1				90		%
Bismuth	209-2				83		%
Boron	10-1	4.42	3.74	3.88	4.02	8.98	ppb
Boron	11-1	3.78	3.76	3.90	3.82	1.93	ppb
Cadmium	111-1	0.29	0.27	0.37	0.31	17.59	ppb
Cadmium	106-1	-2.48	-2.48	-1.19	-2.05		ppb
Cadmium	108-1	11.54	10.76	11.43	11.24	3.73	ppb
Calcium	43-1	90234.61	90524.42	89613.48	90124.17	0.52	ppb
Calcium	44-1	93136.06	92536.63	91914.44	92529.05	0.66	ppb
Chromium	52-2	19.36	19.11	19.23	19.23	0.66	ppb
Cobalt	59-2	1.17	1.14	1.06	1.13	4.98	ppb
Copper	63-2	7.67	7.56	7.65	7.63	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	56-2	104066.95	102449.05	102201.34	102905.78	0.98	ppb
Iron	57-2	104221.46	101786.69	101875.76	102627.97	1.35	ppb
Krypton	83-1						cps
Lead	206-1	5.26	5.41	5.27	5.31	1.63	ppb
Lead	207-1	4.64	4.62	4.62	4.63	0.32	ppb
Lead	208-1	4.88	4.98	4.94	4.93	1.00	ppb
Lithium	6-1				97		%
Magnesium	24-2	96159.16	94910.01	94740.79	95269.98	0.81	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:06:13	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.71	7.76	7.52	7.66	1.64	ppb
Molybdenum	94-1	1318.72	1316.74	1308.52	1314.66	0.41	ppb
Molybdenum	95-1	1905.06	1921.46	1901.89	1909.47	0.55	ppb
Molybdenum	96-1	1832.11	1847.04	1826.99	1835.38	0.57	ppb
Molybdenum	97-1	1910.68	1906.52	1893.04	1903.41	0.48	ppb
Molybdenum	98-1	1907.00	1913.26	1900.02	1906.76	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.19	5.30	5.13	5.21	1.73	ppb
Phosphorus	31-2	95753.60	94565.00	96740.66	95686.42	1.14	ppb
Potassium	39-2	96374.15	96262.06	96225.52	96287.25	0.08	ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	-0.06	-0.41	0.08	-0.13		ppb
Selenium	82-1	0.22	0.27	0.06	0.18	61.24	ppb
Silicon	28-1	21.21	21.67	21.33	21.40	1.12	ppb
Silver	109-1	0.08	0.07	0.07	0.07	7.97	ppb
Silver	107-1	0.07	0.08	0.07	0.07	6.91	ppb
Sodium	23-2	97583.85	95746.78	96188.33	96506.32	0.99	ppb
Strontium	86-1	32.73	32.44	32.49	32.56	0.48	ppb
Strontium	88-1	32.45	32.64	32.57	32.56	0.29	ppb
Sulfur	34-1	84348.82	84356.26	83937.22	84214.10	0.28	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.11	0.15	0.14	0.14	14.84	ppb
Thallium	205-1	0.11	0.14	0.15	0.14	15.68	ppb
Thorium	232-1	0.04	0.03	0.03	0.03	9.71	ppb
Tin	118-1	0.22	0.18	0.24	0.21	13.65	ppb
Titanium	47-1	1924.28	1944.47	1938.18	1935.64	0.53	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.73	ppb
Vanadium	51-2	0.15	0.15	0.16	0.15	2.61	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:06:13	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.51	11.01	11.27	10.93	3.51	ppb
Zirconium	90-1	0.03	0.04	0.05	0.04	22.40	ppb
Zirconium	91-1	0.04	0.05	0.04	0.05	16.77	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:10:13	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86753.94	88413.05	87426.85	87531.28	0.95	ppb
Antimony	121-1	20.52	20.43	20.70	20.55	0.67	ppb
Arsenic	75-2	19.61	20.48	19.51	19.87	2.68	ppb
Barium	135-1	21.36	21.53	22.02	21.64	1.60	ppb
Barium	137-1	21.15	21.97	21.43	21.52	1.94	ppb
Beryllium	9-1	20.95	21.09	20.51	20.85	1.45	ppb
Bismuth	209-1				92		%
Bismuth	209-2				85		%
Boron	10-1	58.23	59.84	59.56	59.21	1.45	ppb
Boron	11-1	57.08	59.10	59.19	58.46	2.04	ppb
Cadmium	111-1	19.25	19.47	19.56	19.43	0.81	ppb
Cadmium	106-1	13.85	13.47	14.11	13.81	2.34	ppb
Cadmium	108-1	27.45	28.98	28.84	28.42	2.96	ppb
Calcium	43-1	92716.46	92650.59	91911.01	92426.02	0.48	ppb
Calcium	44-1	93767.64	93738.03	93038.16	93514.61	0.44	ppb
Chromium	52-2	37.76	38.57	38.11	38.15	1.07	ppb
Cobalt	59-2	20.30	20.60	20.60	20.50	0.85	ppb
Copper	63-2	26.86	27.19	27.13	27.06	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	101991.61	101881.32	101204.07	101692.34	0.42	ppb
Iron	57-2	100429.81	101774.59	102283.11	101495.84	0.94	ppb
Krypton	83-1						cps
Lead	206-1	24.74	24.56	24.67	24.65	0.37	ppb
Lead	207-1	22.61	23.00	22.57	22.72	1.04	ppb
Lead	208-1	23.63	23.65	23.66	23.65	0.06	ppb
Lithium	6-1				98		%
Magnesium	24-2	94144.34	94593.59	94676.81	94471.58	0.30	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:10:13	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.01	27.20	27.08	26.76	2.44	ppb
Molybdenum	94-1	1366.58	1360.81	1361.88	1363.09	0.23	ppb
Molybdenum	95-1	1972.55	1974.48	1965.56	1970.86	0.24	ppb
Molybdenum	96-1	1893.02	1898.04	1883.86	1891.64	0.38	ppb
Molybdenum	97-1	1967.56	1962.02	1949.55	1959.71	0.47	ppb
Molybdenum	98-1	1976.41	1965.08	1957.68	1966.39	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.57	24.01	23.87	23.82	0.94	ppb
Phosphorus	31-2	94156.01	96708.37	94936.90	95267.09	1.37	ppb
Potassium	39-2	94775.22	96264.82	95821.37	95620.47	0.80	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	18.92	17.20	17.55	17.89	5.10	ppb
Selenium	78-2	18.94	19.26	18.52	18.91	1.96	ppb
Selenium	82-1	19.54	18.61	19.32	19.16	2.52	ppb
Silicon	28-1	79.27	79.91	79.11	79.43	0.53	ppb
Silver	109-1	18.49	18.58	18.89	18.65	1.10	ppb
Silver	107-1	18.42	18.65	18.94	18.67	1.38	ppb
Sodium	23-2	95562.10	96310.03	95822.80	95898.31	0.40	ppb
Strontium	86-1	33.34	33.54	33.38	33.42	0.32	ppb
Strontium	88-1	33.05	33.31	33.20	33.19	0.38	ppb
Sulfur	34-1	84807.99	85199.32	84265.75	84757.69	0.55	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	20.62	20.39	20.37	20.46	0.66	ppb
Thallium	205-1	20.30	20.52	20.39	20.40	0.53	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	8.78	ppb
Tin	118-1	54.46	54.22	54.69	54.46	0.43	ppb
Titanium	47-1	2008.91	2022.12	2005.17	2012.07	0.44	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	7.95	ppb
Vanadium	51-2	19.36	19.65	19.61	19.54	0.81	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:10:13	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.05	28.93	29.09	29.02	0.29	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	13.49	ppb
Zirconium	91-1	0.08	0.05	0.07	0.07	25.07	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:13:48	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51013.38	50948.27	50330.57	50764.08	0.74	ppb
Antimony	121-1	478.67	482.43	491.29	484.13	1.34	ppb
Arsenic	75-2	480.71	484.35	480.56	481.87	0.45	ppb
Barium	135-1	2545.93	2511.39	2532.48	2529.93	0.69	ppb
Barium	137-1	2531.63	2508.20	2532.41	2524.08	0.55	ppb
Beryllium	9-1	518.09	512.91	520.64	517.21	0.76	ppb
Bismuth	209-1				88		%
Bismuth	209-2				79		%
Boron	10-1	504.13	511.60	523.62	513.12	1.92	ppb
Boron	11-1	513.77	517.45	532.33	521.18	1.89	ppb
Cadmium	111-1	464.89	470.82	476.41	470.71	1.22	ppb
Cadmium	106-1	473.25	480.73	489.73	481.24	1.72	ppb
Cadmium	108-1	476.24	481.04	483.91	480.39	0.81	ppb
Calcium	43-1	234561.50	232100.49	235883.88	234181.96	0.82	ppb
Calcium	44-1	233043.28	234413.03	235214.48	234223.60	0.47	ppb
Chromium	52-2	503.64	504.77	501.55	503.32	0.32	ppb
Cobalt	59-2	477.70	480.99	478.63	479.10	0.35	ppb
Copper	63-2	1002.48	1008.75	1005.09	1005.44	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				102		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	127056.92	126058.84	125258.38	126124.71	0.71	ppb
Iron	57-2	126997.23	126148.61	125532.60	126226.15	0.58	ppb
Krypton	83-1						cps
Lead	206-1	500.47	503.24	510.47	504.73	1.02	ppb
Lead	207-1	501.67	501.72	510.80	504.73	1.04	ppb
Lead	208-1	510.05	505.24	512.50	509.26	0.73	ppb
Lithium	6-1				94		%
Magnesium	24-2	248878.46	248118.20	247881.81	248292.82	0.21	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:13:48	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	968.91	969.77	966.98	968.55	0.15	ppb
Molybdenum	94-1	2556.71	2550.18	2563.07	2556.65	0.25	ppb
Molybdenum	95-1	2559.28	2535.33	2553.75	2549.45	0.49	ppb
Molybdenum	96-1	2582.88	2526.67	2545.48	2551.68	1.12	ppb
Molybdenum	97-1	2528.02	2504.61	2557.98	2530.20	1.06	ppb
Molybdenum	98-1	2538.54	2510.39	2541.66	2530.20	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.05	476.60	471.47	474.04	0.54	ppb
Phosphorus	31-2	9730.21	9927.46	9920.16	9859.27	1.13	ppb
Potassium	39-2	122053.33	122987.81	122371.37	122470.84	0.39	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	77-2	526.54	513.09	498.59	512.74	2.73	ppb
Selenium	78-2	498.77	489.18	489.35	492.44	1.11	ppb
Selenium	82-1	483.19	490.07	495.33	489.53	1.24	ppb
Silicon	28-1	553.37	554.62	570.42	559.47	1.70	ppb
Silver	109-1	472.57	467.12	477.02	472.24	1.05	ppb
Silver	107-1	473.09	468.26	472.99	471.45	0.59	ppb
Sodium	23-2	243510.48	243482.69	242855.38	243282.85	0.15	ppb
Strontium	86-1	505.20	503.92	512.06	507.06	0.86	ppb
Strontium	88-1	506.88	500.78	505.78	504.48	0.64	ppb
Sulfur	34-1	9533.12	9501.18	9872.85	9635.72	2.14	ppb
Terbium	159-1				101		%
Terbium	159-2				93		%
Thallium	203-1	525.57	517.70	531.13	524.80	1.29	ppb
Thallium	205-1	521.03	514.74	521.81	519.19	0.75	ppb
Thorium	232-1	529.38	516.58	529.53	525.16	1.42	ppb
Tin	118-1	493.90	495.94	501.26	497.03	0.76	ppb
Titanium	47-1	2500.40	2523.39	2558.12	2527.30	1.15	ppb
Uranium	238-1	529.73	513.84	524.63	522.73	1.55	ppb
Vanadium	51-2	499.30	502.55	500.90	500.92	0.32	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:13:48	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1023.46	1030.63	1024.28	1026.13	0.38	ppb
Zirconium	90-1	514.36	503.41	511.14	509.63	1.10	ppb
Zirconium	91-1	509.08	511.17	518.03	512.76	0.91	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:17:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.18	1.52	1.70	1.47	18.06	ppb
Antimony	121-1	0.18	0.16	0.14	0.16	9.99	ppb
Arsenic	75-2	0.01	0.05	0.04	0.03	62.52	ppb
Barium	135-1	0.08	0.03	0.07	0.06	39.77	ppb
Barium	137-1	0.06	0.04	0.06	0.05	19.51	ppb
Beryllium	9-1	0.04	0.02	0.05	0.04	40.20	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	14.42	13.56	13.42	13.80	3.92	ppb
Boron	11-1	14.91	13.81	12.90	13.87	7.26	ppb
Cadmium	111-1	-0.11	0.00	-0.08	-0.06		ppb
Cadmium	106-1	-1.99	-0.54	-1.41	-1.31		ppb
Cadmium	108-1	0.05	0.05	0.01	0.04	53.30	ppb
Calcium	43-1	6.98	4.63	5.38	5.66	21.18	ppb
Calcium	44-1	4.01	4.44	3.66	4.04	9.61	ppb
Chromium	52-2	-0.01	-0.01	0.00	0.00		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	523.84	ppb
Copper	63-2	0.05	0.05	0.07	0.05	22.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	2.75	2.59	2.73	2.69	3.27	ppb
Iron	57-2	3.39	2.55	3.27	3.07	14.78	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.05	0.04	5.21	ppb
Lead	207-1	0.05	0.06	0.05	0.05	7.41	ppb
Lead	208-1	0.05	0.05	0.05	0.05	2.60	ppb
Lithium	6-1				108		%
Magnesium	24-2	4.14	4.19	4.60	4.31	5.89	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:17:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.46	0.40	0.33	0.40	16.17	ppb
Molybdenum	95-1	0.64	0.53	0.45	0.54	18.25	ppb
Molybdenum	96-1	0.57	0.46	0.43	0.49	15.59	ppb
Molybdenum	97-1	0.62	0.51	0.43	0.52	18.63	ppb
Molybdenum	98-1	0.59	0.47	0.46	0.50	14.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	1650.72	ppb
Phosphorus	31-2	-29.35	-23.77	-28.43	-27.18		ppb
Potassium	39-2	6.39	6.34	6.41	6.38	0.60	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	-0.11	0.20	-0.11	0.00		ppb
Selenium	78-2	0.58	0.01	-0.17	0.14	276.51	ppb
Selenium	82-1	0.02	0.04	0.35	0.14	137.90	ppb
Silicon	28-1	0.94	0.32	0.44	0.56	58.05	ppb
Silver	109-1	0.04	0.04	0.04	0.04	8.16	ppb
Silver	107-1	0.04	0.04	0.04	0.04	2.61	ppb
Sodium	23-2	46.43	43.29	43.37	44.37	4.04	ppb
Strontium	86-1	0.00	-0.01	0.02	0.00	612.68	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	13.65	ppb
Sulfur	34-1	-411.67	-414.80	-390.48	-405.65		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.10	0.10	0.07	0.09	16.84	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	4.26	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	3.12	ppb
Tin	118-1	0.08	0.09	0.07	0.08	14.81	ppb
Titanium	47-1	0.12	0.11	0.09	0.11	12.14	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.93	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	24.23	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:17:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.04	-0.05	0.08	0.03	260.14	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	27.63	ppb
Zirconium	91-1	0.03	0.05	0.03	0.04	18.08	ppb

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 18:21:02 DataFile Name : 019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.49	17.83	18.82	18.38	2.75	ppb
Antimony	121-1	1.99	1.96	1.92	1.96	1.86	ppb
Arsenic	75-2	1.09	1.00	1.05	1.05	4.02	ppb
Barium	135-1	9.82	9.72	9.90	9.81	0.91	ppb
Barium	137-1	9.81	9.52	9.79	9.71	1.71	ppb
Beryllium	9-1	1.04	1.04	1.05	1.04	0.39	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	29.59	27.69	29.87	29.05	4.08	ppb
Boron	11-1	28.04	28.45	29.83	28.77	3.26	ppb
Cadmium	111-1	1.09	0.98	1.04	1.03	5.34	ppb
Cadmium	106-1	1.16	0.34	0.88	0.79	52.15	ppb
Cadmium	108-1	0.99	0.83	1.01	0.95	10.45	ppb
Calcium	43-1	425.62	433.34	446.89	435.28	2.47	ppb
Calcium	44-1	441.36	436.40	440.52	439.43	0.60	ppb
Chromium	52-2	1.86	1.82	1.85	1.85	1.07	ppb
Cobalt	59-2	0.94	0.91	0.89	0.91	2.45	ppb
Copper	63-2	2.06	1.96	2.02	2.01	2.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	52.50	53.45	52.74	52.90	0.93	ppb
Iron	57-2	55.52	57.03	55.60	56.05	1.52	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.88	0.89	0.89	0.76	ppb
Lead	207-1	0.81	0.85	0.89	0.85	4.37	ppb
Lead	208-1	0.86	0.86	0.89	0.87	2.07	ppb
Lithium	6-1				109		%
Magnesium	24-2	466.54	477.12	470.09	471.25	1.14	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:21:02	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	0.95	0.89	0.95	5.49	ppb
Molybdenum	94-1	4.75	4.89	4.94	4.86	1.96	ppb
Molybdenum	95-1	4.96	4.94	4.83	4.91	1.37	ppb
Molybdenum	96-1	4.86	4.96	4.75	4.86	2.25	ppb
Molybdenum	97-1	4.87	4.76	4.86	4.83	1.32	ppb
Molybdenum	98-1	4.95	4.90	4.95	4.93	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.98	0.99	0.97	3.15	ppb
Phosphorus	31-2	26.13	10.20	31.07	22.47	48.54	ppb
Potassium	39-2	453.48	451.48	451.70	452.22	0.24	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	6.21	4.97	3.75	4.98	24.67	ppb
Selenium	78-2	5.86	4.53	4.60	5.00	14.98	ppb
Selenium	82-1	5.48	5.68	5.62	5.59	1.81	ppb
Silicon	28-1	8.94	8.40	9.12	8.82	4.26	ppb
Silver	109-1	1.01	1.01	0.99	1.00	0.85	ppb
Silver	107-1	1.03	1.03	1.04	1.03	0.64	ppb
Sodium	23-2	477.19	478.27	475.25	476.90	0.32	ppb
Strontium	86-1	0.92	0.96	0.85	0.91	5.94	ppb
Strontium	88-1	0.90	0.86	0.90	0.88	2.66	ppb
Sulfur	34-1	-257.53	-272.13	-233.21	-254.29		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.89	0.88	0.91	0.89	1.72	ppb
Thallium	205-1	0.87	0.92	0.91	0.90	2.72	ppb
Thorium	232-1	0.81	0.82	0.82	0.82	1.03	ppb
Tin	118-1	4.94	4.98	5.05	4.99	1.13	ppb
Titanium	47-1	4.67	4.73	4.97	4.79	3.35	ppb
Uranium	238-1	0.79	0.79	0.78	0.79	0.70	ppb
Vanadium	51-2	4.74	4.81	4.89	4.81	1.61	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:21:02	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.20	1.93	1.87	2.00	8.86	ppb
Zirconium	90-1	0.94	0.94	0.96	0.95	1.08	ppb
Zirconium	91-1	0.92	0.91	0.96	0.93	2.97	ppb

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : PB115404BL Instrumnet Name : P7
 Client Sample ID : PB115404BL Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 18:24:36 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	0.18	0.39	0.29	36.19	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	11.33	ppb
Arsenic	75-2	0.01	0.02	0.00	0.01	95.35	ppb
Barium	135-1	0.00	0.00	0.02	0.01	153.42	ppb
Barium	137-1	0.01	0.01	0.00	0.01	72.45	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	43.55	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	4.83	4.67	4.52	4.67	3.36	ppb
Boron	11-1	5.02	4.90	4.51	4.81	5.55	ppb
Cadmium	111-1	-0.10	-0.10	-0.05	-0.08		ppb
Cadmium	106-1	-1.39	-1.45	-0.81	-1.22		ppb
Cadmium	108-1	0.00	0.01	0.00	0.00	649.35	ppb
Calcium	43-1	1.12	1.25	-0.38	0.66	137.17	ppb
Calcium	44-1	0.23	0.44	-0.09	0.19	140.87	ppb
Chromium	52-2	0.01	0.01	0.01	0.01	11.86	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.02	0.02	0.02	0.02	12.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	0.55	0.57	0.56	0.56	2.26	ppb
Iron	57-2	0.24	1.19	0.86	0.76	63.41	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.02	25.35	ppb
Lead	207-1	0.03	0.02	0.02	0.02	24.01	ppb
Lead	208-1	0.03	0.02	0.02	0.02	12.27	ppb
Lithium	6-1				110		%
Magnesium	24-2	1.22	0.71	1.23	1.05	28.23	ppb

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : PB115404BL Instrumnet Name : P7
 Client Sample ID : PB115404BL Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 18:24:36 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.02	-0.02	-0.02		ppb
Molybdenum	94-1	0.08	0.07	0.07	0.07	4.57	ppb
Molybdenum	95-1	0.08	0.04	0.03	0.05	48.92	ppb
Molybdenum	96-1	0.07	0.04	0.04	0.05	31.27	ppb
Molybdenum	97-1	0.06	0.04	0.04	0.05	20.54	ppb
Molybdenum	98-1	0.05	0.06	0.07	0.06	16.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.00	-0.02		ppb
Phosphorus	31-2	-30.07	-30.10	-24.83	-28.33		ppb
Potassium	39-2	-0.46	-0.57	0.06	-0.32		ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	0.15	0.20	-0.24	0.04	660.05	ppb
Selenium	82-1	0.07	0.13	-0.17	0.01	1361.31	ppb
Silicon	28-1	-1.27	-1.32	-1.01	-1.20		ppb
Silver	109-1	0.01	0.02	0.01	0.01	18.81	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.23	ppb
Sodium	23-2	23.18	22.75	21.48	22.47	3.93	ppb
Strontium	86-1	-0.01	0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	39.92	ppb
Sulfur	34-1	-246.05	-242.58	-299.86	-262.83		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.03	0.02	0.03	23.69	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.66	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	3.95	ppb
Tin	118-1	0.02	0.02	0.02	0.02	8.40	ppb
Titanium	47-1	0.03	0.04	0.06	0.04	41.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	PB115404BL	Instrumnet Name :	P7
Client Sample ID :	PB115404BL	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:24:36	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.04	-0.06	0.00	-0.01		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	100.31	ppb
Zirconium	91-1	0.02	0.01	0.02	0.01	50.36	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	PB115404BS	Instrumnet Name :	P7
Client Sample ID :	PB115404BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:28:10	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9424.49	9518.08	9530.88	9491.15	0.61	ppb
Antimony	121-1	506.21	504.22	504.08	504.84	0.24	ppb
Arsenic	75-2	510.14	511.42	514.23	511.93	0.41	ppb
Barium	135-1	2507.00	2501.25	2483.05	2497.10	0.50	ppb
Barium	137-1	2466.67	2480.07	2476.92	2474.55	0.28	ppb
Beryllium	9-1	515.20	520.77	514.10	516.69	0.69	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Boron	10-1	487.16	502.01	506.09	498.42	2.00	ppb
Boron	11-1	487.78	503.45	508.96	500.06	2.20	ppb
Cadmium	111-1	511.34	510.66	514.78	512.26	0.43	ppb
Cadmium	106-1	514.23	513.25	523.45	516.97	1.09	ppb
Cadmium	108-1	503.33	508.39	516.14	509.29	1.27	ppb
Calcium	43-1	46907.55	46829.58	47051.73	46929.62	0.24	ppb
Calcium	44-1	47090.44	46842.31	46981.70	46971.49	0.26	ppb
Chromium	52-2	483.33	489.15	491.16	487.88	0.83	ppb
Cobalt	59-2	484.65	496.40	488.97	490.00	1.21	ppb
Copper	63-2	987.54	993.86	1001.66	994.36	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	25890.25	25986.37	25986.48	25954.37	0.21	ppb
Iron	57-2	25854.38	26197.79	26042.81	26031.66	0.66	ppb
Krypton	83-1						cps
Lead	206-1	493.55	472.68	486.54	484.26	2.19	ppb
Lead	207-1	465.97	472.25	476.72	471.65	1.15	ppb
Lead	208-1	483.97	478.30	484.28	482.18	0.70	ppb
Lithium	6-1				104		%
Magnesium	24-2	50389.57	50549.37	50328.30	50422.41	0.23	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	PB115404BS	Instrumnet Name :	P7
Client Sample ID :	PB115404BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:28:10	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	968.57	970.97	976.01	971.85	0.39	ppb
Molybdenum	94-1	2467.36	2451.90	2475.55	2464.94	0.49	ppb
Molybdenum	95-1	2463.73	2459.70	2486.03	2469.82	0.57	ppb
Molybdenum	96-1	2466.53	2439.35	2464.51	2456.80	0.62	ppb
Molybdenum	97-1	2438.30	2426.82	2453.20	2439.44	0.54	ppb
Molybdenum	98-1	2437.57	2434.95	2445.21	2439.24	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.93	498.08	499.35	496.45	0.80	ppb
Phosphorus	31-2	9940.60	10347.63	10192.26	10160.16	2.02	ppb
Potassium	39-2	23973.59	23833.56	24133.28	23980.14	0.63	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	511.29	513.75	519.30	514.78	0.80	ppb
Selenium	78-2	510.46	512.40	504.38	509.08	0.82	ppb
Selenium	82-1	501.88	503.25	510.74	505.29	0.94	ppb
Silicon	28-1	583.10	594.09	597.53	591.57	1.27	ppb
Silver	109-1	513.96	506.72	507.38	509.35	0.79	ppb
Silver	107-1	510.79	507.89	511.60	510.09	0.38	ppb
Sodium	23-2	48011.98	48548.30	48427.73	48329.34	0.58	ppb
Strontium	86-1	477.66	482.94	492.41	484.34	1.54	ppb
Strontium	88-1	482.80	482.46	488.33	484.53	0.68	ppb
Sulfur	34-1	9521.66	9711.76	9635.38	9622.93	0.99	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	487.29	479.93	483.29	483.50	0.76	ppb
Thallium	205-1	482.19	478.33	481.03	480.52	0.41	ppb
Thorium	232-1	463.54	466.80	463.56	464.63	0.40	ppb
Tin	118-1	489.43	491.21	499.91	493.51	1.14	ppb
Titanium	47-1	2461.96	2436.55	2490.57	2463.02	1.10	ppb
Uranium	238-1	465.78	458.66	462.93	462.46	0.77	ppb
Vanadium	51-2	485.32	490.81	491.26	489.13	0.68	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	PB115404BS	Instrumnet Name :	P7
Client Sample ID :	PB115404BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:28:10	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	997.10	1004.98	1008.57	1003.55	0.58	ppb
Zirconium	90-1	491.32	487.82	494.77	491.30	0.71	ppb
Zirconium	91-1	484.02	489.51	495.88	489.80	1.21	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01	Instrumnet Name :	P7
Client Sample ID :	S32-0639	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:31:45	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.31	37.84	38.00	38.38	2.10	ppb
Antimony	121-1	2.65	2.27	2.14	2.36	11.28	ppb
Arsenic	75-2	13.93	13.61	13.56	13.70	1.46	ppb
Barium	135-1	33.26	32.49	32.57	32.77	1.28	ppb
Barium	137-1	32.75	32.50	32.34	32.53	0.63	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	7.28	ppb
Bismuth	209-1				93		%
Bismuth	209-2				82		%
Boron	10-1	63.23	60.77	56.53	60.18	5.63	ppb
Boron	11-1	65.36	61.90	58.52	61.92	5.53	ppb
Cadmium	111-1	0.23	0.08	0.03	0.11	94.08	ppb
Cadmium	106-1	0.32	-1.03	-1.52	-0.75		ppb
Cadmium	108-1	0.33	0.27	0.27	0.29	10.92	ppb
Calcium	43-1	43895.59	43754.92	43549.59	43733.36	0.40	ppb
Calcium	44-1	44760.40	43802.42	43635.64	44066.15	1.38	ppb
Chromium	52-2	1.42	1.47	1.41	1.43	2.14	ppb
Cobalt	59-2	0.40	0.40	0.38	0.40	2.66	ppb
Copper	63-2	0.86	0.88	0.81	0.85	3.93	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				102		%
Holmium	165-2				91		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	359.57	360.71	357.22	359.17	0.50	ppb
Iron	57-2	479.78	480.34	471.62	477.25	1.02	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.37	0.31	0.37	16.16	ppb
Lead	207-1	0.44	0.35	0.31	0.37	17.66	ppb
Lead	208-1	0.43	0.36	0.31	0.37	16.46	ppb
Lithium	6-1				118		%
Magnesium	24-2	19083.49	18819.36	18729.86	18877.57	0.97	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01	Instrumnet Name :	P7
Client Sample ID :	S32-0639	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:31:45	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	753.83	758.27	756.61	756.24	0.30	ppb
Molybdenum	94-1	11.93	11.96	11.80	11.89	0.70	ppb
Molybdenum	95-1	17.39	16.52	16.80	16.90	2.63	ppb
Molybdenum	96-1	16.25	15.68	16.01	15.98	1.80	ppb
Molybdenum	97-1	17.00	16.31	16.22	16.51	2.58	ppb
Molybdenum	98-1	17.03	16.57	16.47	16.69	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.43	1.55	1.42	1.47	5.06	ppb
Phosphorus	31-2	40.88	31.29	29.20	33.79	18.44	ppb
Potassium	39-2	18167.21	18127.07	18154.65	18149.64	0.11	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	77-2	0.93	1.28	2.32	1.51	47.81	ppb
Selenium	78-2	0.92	0.01	0.18	0.37	130.35	ppb
Selenium	82-1	-0.52	-0.54	-0.17	-0.41		ppb
Silicon	28-1	4828.12	4729.26	4675.50	4744.29	1.63	ppb
Silver	109-1	0.60	0.42	0.30	0.44	33.89	ppb
Silver	107-1	0.58	0.40	0.32	0.44	31.09	ppb
Sodium	23-2	70486.93	70351.15	70054.45	70297.51	0.31	ppb
Strontium	86-1	392.99	382.86	389.06	388.30	1.32	ppb
Strontium	88-1	393.26	387.84	393.66	391.59	0.83	ppb
Sulfur	34-1	18268.24	17871.80	17685.49	17941.84	1.66	ppb
Terbium	159-1				101		%
Terbium	159-2				90		%
Thallium	203-1	1.11	0.75	0.56	0.81	34.47	ppb
Thallium	205-1	1.09	0.75	0.54	0.79	35.38	ppb
Thorium	232-1	0.13	0.12	0.10	0.12	14.09	ppb
Tin	118-1	1.44	1.26	1.15	1.28	11.33	ppb
Titanium	47-1	2.16	2.04	2.11	2.10	2.76	ppb
Uranium	238-1	2.97	2.93	2.94	2.95	0.74	ppb
Vanadium	51-2	0.82	0.85	0.85	0.84	1.67	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01	Instrumnet Name :	P7
Client Sample ID :	S32-0639	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:31:45	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.89	11.51	11.37	11.59	2.33	ppb
Zirconium	90-1	0.11	0.09	0.08	0.09	11.57	ppb
Zirconium	91-1	0.13	0.12	0.12	0.12	5.21	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0639DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:35:19	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.71	40.34	36.72	38.26	4.89	ppb
Antimony	121-1	1.22	1.22	1.31	1.25	4.38	ppb
Arsenic	75-2	13.29	14.02	13.25	13.52	3.21	ppb
Barium	135-1	33.28	32.77	32.75	32.93	0.92	ppb
Barium	137-1	33.05	32.82	32.76	32.88	0.47	ppb
Beryllium	9-1	0.06	0.06	0.04	0.06	22.51	ppb
Bismuth	209-1				88		%
Bismuth	209-2				77		%
Boron	10-1	50.29	50.43	50.14	50.29	0.29	ppb
Boron	11-1	50.49	50.09	52.14	50.91	2.14	ppb
Cadmium	111-1	-0.10	-0.07	-0.10	-0.09		ppb
Cadmium	106-1	-2.37	-2.12	-2.32	-2.27		ppb
Cadmium	108-1	0.24	0.17	0.13	0.18	31.14	ppb
Calcium	43-1	44542.32	44363.64	44626.15	44510.70	0.30	ppb
Calcium	44-1	44799.73	45049.30	45091.09	44980.04	0.35	ppb
Chromium	52-2	1.43	1.45	1.43	1.44	0.69	ppb
Cobalt	59-2	0.42	0.40	0.41	0.41	3.53	ppb
Copper	63-2	0.67	0.67	0.64	0.66	2.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				86		%
Indium	115-1				89		%
Indium	115-2				83		%
Iron	56-2	373.75	375.30	375.55	374.87	0.26	ppb
Iron	57-2	493.79	494.34	498.46	495.53	0.51	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.23	0.21	0.22	4.07	ppb
Lead	207-1	0.21	0.19	0.18	0.19	8.92	ppb
Lead	208-1	0.22	0.20	0.20	0.21	5.72	ppb
Lithium	6-1				112		%
Magnesium	24-2	19091.70	18869.57	18933.32	18964.86	0.60	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0639DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:35:19	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	780.99	776.57	788.73	782.10	0.79	ppb
Molybdenum	94-1	11.56	11.84	11.90	11.77	1.54	ppb
Molybdenum	95-1	16.48	16.90	16.81	16.73	1.32	ppb
Molybdenum	96-1	16.22	15.85	16.03	16.03	1.18	ppb
Molybdenum	97-1	16.42	16.57	16.63	16.54	0.63	ppb
Molybdenum	98-1	16.57	16.34	16.84	16.58	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.66	1.75	1.55	1.65	6.13	ppb
Phosphorus	31-2	25.53	33.22	40.95	33.24	23.19	ppb
Potassium	39-2	18360.49	18181.81	18308.71	18283.67	0.50	ppb
Rhodium	103-1				85		%
Rhodium	103-2				82		%
Scandium	45-1				90		%
Scandium	45-2				81		%
Selenium	77-2	1.78	1.42	2.55	1.91	30.26	ppb
Selenium	78-2	0.01	0.52	0.58	0.37	85.53	ppb
Selenium	82-1	0.38	0.36	0.49	0.41	16.84	ppb
Silicon	28-1	4763.26	4745.27	4797.78	4768.77	0.56	ppb
Silver	109-1	0.17	0.17	0.14	0.16	9.64	ppb
Silver	107-1	0.17	0.14	0.15	0.16	9.35	ppb
Sodium	23-2	70541.60	70029.23	69844.23	70138.36	0.52	ppb
Strontium	86-1	393.55	394.74	394.73	394.34	0.17	ppb
Strontium	88-1	397.93	397.56	398.89	398.13	0.17	ppb
Sulfur	34-1	17879.95	17926.44	17964.44	17923.61	0.24	ppb
Terbium	159-1				95		%
Terbium	159-2				85		%
Thallium	203-1	0.14	0.14	0.14	0.14	1.12	ppb
Thallium	205-1	0.15	0.14	0.13	0.14	6.32	ppb
Thorium	232-1	0.07	0.08	0.07	0.07	5.50	ppb
Tin	118-1	0.78	0.73	0.77	0.76	3.72	ppb
Titanium	47-1	2.23	2.43	2.47	2.38	5.47	ppb
Uranium	238-1	3.04	3.08	3.03	3.05	0.86	ppb
Vanadium	51-2	0.88	0.93	0.88	0.89	3.57	ppb
Yttrium	89-1				91		%
Yttrium	89-2				84		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0639DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:35:19	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.78	10.70	10.94	10.80	1.13	ppb
Zirconium	90-1	0.10	0.09	0.08	0.09	12.08	ppb
Zirconium	91-1	0.11	0.13	0.10	0.11	11.35	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 18:38:54	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.57	7.21	5.94	7.24	18.16	ppb
Antimony	121-1	0.38	0.33	0.33	0.35	7.58	ppb
Arsenic	75-2	2.66	2.70	2.99	2.78	6.53	ppb
Barium	135-1	6.67	6.42	6.43	6.51	2.22	ppb
Barium	137-1	6.44	6.24	6.44	6.37	1.84	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	23.44	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	14.27	15.67	15.02	14.99	4.66	ppb
Boron	11-1	14.86	15.91	15.90	15.56	3.88	ppb
Cadmium	111-1	-0.06	-0.20	-0.07	-0.11		ppb
Cadmium	106-1	-1.13	-2.82	-1.03	-1.66		ppb
Cadmium	108-1	0.02	0.02	0.06	0.03	63.61	ppb
Calcium	43-1	8456.40	8669.73	8544.83	8556.99	1.25	ppb
Calcium	44-1	8584.01	8705.72	8728.35	8672.69	0.90	ppb
Chromium	52-2	0.32	0.33	0.30	0.32	4.80	ppb
Cobalt	59-2	0.08	0.08	0.07	0.08	6.98	ppb
Copper	63-2	0.18	0.18	0.17	0.18	3.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	72.86	73.45	72.38	72.90	0.74	ppb
Iron	57-2	92.94	94.73	97.58	95.08	2.46	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.03	0.03	16.90	ppb
Lead	207-1	0.04	0.04	0.05	0.04	11.68	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.57	ppb
Lithium	6-1				99		%
Magnesium	24-2	3624.82	3656.91	3623.68	3635.13	0.52	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 18:38:54	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	151.57	152.34	152.22	152.04	0.27	ppb
Molybdenum	94-1	2.17	2.43	2.34	2.31	5.77	ppb
Molybdenum	95-1	3.12	3.27	3.29	3.23	2.76	ppb
Molybdenum	96-1	3.11	3.10	3.16	3.12	1.05	ppb
Molybdenum	97-1	3.14	3.26	3.05	3.15	3.35	ppb
Molybdenum	98-1	3.21	3.30	3.25	3.25	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.27	0.32	0.29	8.97	ppb
Phosphorus	31-2	-15.11	-20.35	-17.99	-17.82		ppb
Potassium	39-2	3529.84	3559.60	3532.10	3540.51	0.47	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	77-2	0.59	-0.11	0.94	0.48	111.84	ppb
Selenium	78-2	0.37	0.13	-0.16	0.11	231.03	ppb
Selenium	82-1	0.07	-0.12	0.11	0.02	557.21	ppb
Silicon	28-1	920.04	936.96	931.90	929.63	0.93	ppb
Silver	109-1	0.06	0.05	0.06	0.06	12.01	ppb
Silver	107-1	0.06	0.05	0.05	0.05	7.89	ppb
Sodium	23-2	13491.50	13533.00	13362.91	13462.47	0.66	ppb
Strontium	86-1	75.95	76.42	76.74	76.37	0.52	ppb
Strontium	88-1	75.77	76.71	76.29	76.26	0.62	ppb
Sulfur	34-1	3145.06	3287.20	3268.44	3233.57	2.39	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	0.04	0.04	0.03	0.03	19.46	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.32	ppb
Thorium	232-1	0.02	0.02	0.01	0.01	11.04	ppb
Tin	118-1	0.12	0.10	0.11	0.11	8.15	ppb
Titanium	47-1	0.54	0.42	0.47	0.48	12.70	ppb
Uranium	238-1	0.55	0.56	0.56	0.56	1.68	ppb
Vanadium	51-2	0.18	0.19	0.14	0.17	13.90	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 18:38:54	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.54	2.64	2.73	2.64	3.60	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	24.70	ppb
Zirconium	91-1	0.00	0.05	0.02	0.02	118.23	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MS	Instrumnet Name :	P7
Client Sample ID :	S32-0639MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:42:29	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9030.81	8974.11	8833.01	8945.98	1.14	ppb
Antimony	121-1	498.27	498.87	504.62	500.58	0.70	ppb
Arsenic	75-2	504.75	510.93	497.23	504.30	1.36	ppb
Barium	135-1	2560.15	2532.02	2538.76	2543.64	0.58	ppb
Barium	137-1	2553.75	2490.56	2526.30	2523.54	1.26	ppb
Beryllium	9-1	434.83	429.29	425.46	429.86	1.10	ppb
Bismuth	209-1				80		%
Bismuth	209-2				71		%
Boron	10-1	456.66	454.46	456.92	456.02	0.30	ppb
Boron	11-1	461.42	463.76	462.37	462.52	0.25	ppb
Cadmium	111-1	501.01	496.83	502.57	500.14	0.59	ppb
Cadmium	106-1	501.52	499.73	499.69	500.31	0.21	ppb
Cadmium	108-1	494.73	499.42	495.98	496.71	0.49	ppb
Calcium	43-1	91324.67	90807.38	92137.60	91423.22	0.73	ppb
Calcium	44-1	91980.94	90432.21	91803.37	91405.51	0.93	ppb
Chromium	52-2	517.23	515.86	505.53	512.88	1.25	ppb
Cobalt	59-2	529.19	526.81	517.14	524.38	1.22	ppb
Copper	63-2	1068.38	1061.36	1039.13	1056.29	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				81		%
Indium	115-1				79		%
Indium	115-2				76		%
Iron	56-2	27263.03	27023.66	26456.49	26914.39	1.54	ppb
Iron	57-2	27570.62	27457.37	26771.05	27266.35	1.59	ppb
Krypton	83-1						cps
Lead	206-1	494.27	497.53	503.91	498.57	0.98	ppb
Lead	207-1	479.42	483.94	487.78	483.71	0.86	ppb
Lead	208-1	494.78	495.60	498.90	496.42	0.44	ppb
Lithium	6-1				98		%
Magnesium	24-2	64972.33	63920.93	62882.72	63925.33	1.63	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MS	Instrumnet Name :	P7
Client Sample ID :	S32-0639MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:42:29	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1804.61	1811.46	1773.20	1796.42	1.14	ppb
Molybdenum	94-1	2521.98	2524.56	2537.15	2527.90	0.32	ppb
Molybdenum	95-1	2534.01	2529.77	2530.41	2531.40	0.09	ppb
Molybdenum	96-1	2524.97	2519.72	2545.01	2529.90	0.53	ppb
Molybdenum	97-1	2531.99	2516.27	2526.50	2524.92	0.32	ppb
Molybdenum	98-1	2542.72	2515.70	2532.79	2530.40	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.90	528.92	523.07	529.30	1.21	ppb
Phosphorus	31-2	18.70	26.20	39.59	28.16	37.59	ppb
Potassium	39-2	41820.78	41315.17	40443.35	41193.10	1.69	ppb
Rhodium	103-1				76		%
Rhodium	103-2				75		%
Scandium	45-1				80		%
Scandium	45-2				72		%
Selenium	77-2	468.61	486.13	466.17	473.64	2.30	ppb
Selenium	78-2	485.40	480.56	465.79	477.25	2.14	ppb
Selenium	82-1	493.07	492.80	495.17	493.68	0.26	ppb
Silicon	28-1	5172.92	5207.01	5235.15	5205.03	0.60	ppb
Silver	109-1	492.27	483.78	483.04	486.37	1.05	ppb
Silver	107-1	486.68	483.95	484.63	485.09	0.29	ppb
Sodium	23-2	114515.24	112480.41	110082.46	112359.37	1.97	ppb
Strontium	86-1	882.98	903.20	910.50	898.89	1.59	ppb
Strontium	88-1	898.32	896.27	894.13	896.24	0.23	ppb
Sulfur	34-1	17648.97	17364.74	17580.49	17531.40	0.85	ppb
Terbium	159-1				87		%
Terbium	159-2				80		%
Thallium	203-1	517.90	513.13	518.21	516.41	0.55	ppb
Thallium	205-1	514.98	514.02	512.34	513.78	0.26	ppb
Thorium	232-1	0.16	0.15	0.15	0.15	4.24	ppb
Tin	118-1	486.97	485.83	489.84	487.55	0.42	ppb
Titanium	47-1	2464.47	2486.19	2494.45	2481.70	0.62	ppb
Uranium	238-1	505.79	503.80	505.21	504.93	0.20	ppb
Vanadium	51-2	516.39	517.94	506.05	513.46	1.26	ppb
Yttrium	89-1				83		%
Yttrium	89-2				78		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MS	Instrumnet Name :	P7
Client Sample ID :	S32-0639MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:42:29	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	979.44	983.13	969.46	977.34	0.72	ppb
Zirconium	90-1	509.07	506.72	504.94	506.91	0.41	ppb
Zirconium	91-1	505.11	511.29	511.85	509.41	0.73	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSD	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:46:04	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8908.47	8872.46	8932.97	8904.63	0.34	ppb
Antimony	121-1	494.92	492.07	492.61	493.20	0.31	ppb
Arsenic	75-2	498.45	500.34	503.90	500.89	0.55	ppb
Barium	135-1	2525.90	2487.90	2485.64	2499.81	0.90	ppb
Barium	137-1	2500.08	2480.01	2486.22	2488.77	0.41	ppb
Beryllium	9-1	434.79	429.94	431.20	431.98	0.58	ppb
Bismuth	209-1				78		%
Bismuth	209-2				70		%
Boron	10-1	462.94	470.60	472.68	468.74	1.09	ppb
Boron	11-1	465.32	470.72	484.40	473.48	2.08	ppb
Cadmium	111-1	494.20	494.04	490.33	492.85	0.44	ppb
Cadmium	106-1	487.80	494.19	489.06	490.35	0.69	ppb
Cadmium	108-1	486.82	490.84	487.50	488.39	0.44	ppb
Calcium	43-1	91795.48	91141.98	90617.24	91184.90	0.65	ppb
Calcium	44-1	91946.46	90387.87	90672.82	91002.38	0.91	ppb
Chromium	52-2	511.42	515.34	519.30	515.36	0.76	ppb
Cobalt	59-2	523.67	528.27	530.96	527.63	0.70	ppb
Copper	63-2	1058.27	1072.11	1075.83	1068.74	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				79		%
Indium	115-1				76		%
Indium	115-2				73		%
Iron	56-2	26924.19	27172.46	27061.15	27052.60	0.46	ppb
Iron	57-2	27186.70	27687.62	27431.09	27435.14	0.91	ppb
Krypton	83-1						cps
Lead	206-1	494.14	495.05	504.15	497.78	1.11	ppb
Lead	207-1	481.94	483.73	492.42	486.03	1.15	ppb
Lead	208-1	495.81	494.57	501.67	497.35	0.76	ppb
Lithium	6-1				92		%
Magnesium	24-2	63513.73	63677.90	63674.69	63622.11	0.15	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSD	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:46:04	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1779.65	1810.21	1818.75	1802.87	1.14	ppb
Molybdenum	94-1	2517.73	2523.57	2513.43	2518.24	0.20	ppb
Molybdenum	95-1	2531.78	2525.55	2529.50	2528.95	0.12	ppb
Molybdenum	96-1	2516.83	2505.27	2516.12	2512.74	0.26	ppb
Molybdenum	97-1	2502.26	2489.74	2505.37	2499.12	0.33	ppb
Molybdenum	98-1	2527.62	2507.54	2531.55	2522.24	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.04	538.00	538.11	535.05	0.97	ppb
Phosphorus	31-2	32.19	31.60	35.60	33.13	6.52	ppb
Potassium	39-2	40826.75	41460.64	41022.53	41103.31	0.79	ppb
Rhodium	103-1				72		%
Rhodium	103-2				72		%
Scandium	45-1				76		%
Scandium	45-2				67		%
Selenium	77-2	457.30	452.54	473.64	461.16	2.40	ppb
Selenium	78-2	471.49	469.52	463.12	468.05	0.94	ppb
Selenium	82-1	488.21	487.77	491.93	489.31	0.47	ppb
Silicon	28-1	5180.34	5109.38	5100.36	5130.03	0.85	ppb
Silver	109-1	487.25	483.60	476.71	482.52	1.11	ppb
Silver	107-1	483.57	477.87	479.23	480.22	0.62	ppb
Sodium	23-2	111424.54	112734.65	112220.49	112126.56	0.59	ppb
Strontium	86-1	891.54	898.07	901.51	897.04	0.56	ppb
Strontium	88-1	896.83	898.87	893.33	896.34	0.31	ppb
Sulfur	34-1	17473.67	17166.39	17265.34	17301.80	0.91	ppb
Terbium	159-1				85		%
Terbium	159-2				77		%
Thallium	203-1	518.57	515.85	523.35	519.26	0.73	ppb
Thallium	205-1	518.60	515.37	516.68	516.88	0.31	ppb
Thorium	232-1	0.12	0.12	0.11	0.12	5.77	ppb
Tin	118-1	479.40	476.70	479.59	478.56	0.34	ppb
Titanium	47-1	2479.26	2470.32	2491.36	2480.31	0.43	ppb
Uranium	238-1	507.90	502.42	511.97	507.43	0.94	ppb
Vanadium	51-2	513.89	516.11	519.58	516.53	0.56	ppb
Yttrium	89-1				79		%
Yttrium	89-2				74		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSD	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:46:04	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	974.49	991.92	994.20	986.87	1.09	ppb
Zirconium	90-1	507.97	504.00	506.23	506.07	0.39	ppb
Zirconium	91-1	507.59	507.20	510.72	508.50	0.38	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0639A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:49:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8902.76	8958.45	8973.37	8944.86	0.42	ppb
Antimony	121-1	498.84	497.34	495.74	497.31	0.31	ppb
Arsenic	75-2	507.96	502.03	496.85	502.28	1.11	ppb
Barium	135-1	2538.99	2497.57	2494.10	2510.22	0.99	ppb
Barium	137-1	2530.50	2483.80	2494.51	2502.93	0.98	ppb
Beryllium	9-1	441.99	438.98	437.47	439.48	0.52	ppb
Bismuth	209-1				76		%
Bismuth	209-2				68		%
Boron	10-1	470.50	475.59	483.75	476.62	1.40	ppb
Boron	11-1	479.48	482.80	490.05	484.11	1.12	ppb
Cadmium	111-1	496.91	495.04	496.99	496.31	0.22	ppb
Cadmium	106-1	494.87	497.46	485.19	492.51	1.31	ppb
Cadmium	108-1	491.47	489.70	490.37	490.51	0.18	ppb
Calcium	43-1	92117.34	91617.88	91608.69	91781.30	0.32	ppb
Calcium	44-1	91310.69	90555.39	91408.36	91091.48	0.51	ppb
Chromium	52-2	521.53	522.32	525.69	523.18	0.42	ppb
Cobalt	59-2	533.72	535.00	539.90	536.21	0.61	ppb
Copper	63-2	1075.25	1088.13	1091.73	1085.04	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				82		%
Holmium	165-2				77		%
Indium	115-1				74		%
Indium	115-2				70		%
Iron	56-2	27498.45	27172.08	27451.95	27374.16	0.64	ppb
Iron	57-2	27587.08	27670.57	27658.80	27638.81	0.16	ppb
Krypton	83-1						cps
Lead	206-1	499.44	502.13	505.77	502.45	0.63	ppb
Lead	207-1	486.91	492.90	495.59	491.80	0.90	ppb
Lead	208-1	499.57	501.50	502.33	501.13	0.28	ppb
Lithium	6-1				86		%
Magnesium	24-2	63872.07	63627.41	63946.13	63815.20	0.26	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0639A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:49:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1820.02	1826.15	1827.48	1824.55	0.22	ppb
Molybdenum	94-1	2538.16	2544.25	2560.35	2547.59	0.45	ppb
Molybdenum	95-1	2532.30	2547.00	2554.01	2544.44	0.44	ppb
Molybdenum	96-1	2521.96	2525.92	2547.92	2531.93	0.55	ppb
Molybdenum	97-1	2511.65	2531.22	2539.59	2527.49	0.57	ppb
Molybdenum	98-1	2535.09	2542.04	2545.94	2541.02	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	537.40	541.77	542.46	540.54	0.51	ppb
Phosphorus	31-2	13.46	42.72	30.80	28.99	50.76	ppb
Potassium	39-2	41406.71	41202.72	41489.28	41366.23	0.36	ppb
Rhodium	103-1				70		%
Rhodium	103-2				69		%
Scandium	45-1				73		%
Scandium	45-2				64		%
Selenium	77-2	481.70	479.87	490.72	484.10	1.20	ppb
Selenium	78-2	481.23	473.12	477.66	477.34	0.85	ppb
Selenium	82-1	485.26	488.34	494.44	489.35	0.95	ppb
Silicon	28-1	5105.33	5110.05	5123.13	5112.84	0.18	ppb
Silver	109-1	483.65	479.37	478.70	480.57	0.56	ppb
Silver	107-1	482.03	478.04	480.24	480.10	0.42	ppb
Sodium	23-2	112345.82	112048.56	112596.98	112330.45	0.24	ppb
Strontium	86-1	897.91	902.20	904.55	901.55	0.37	ppb
Strontium	88-1	903.45	900.46	905.75	903.22	0.29	ppb
Sulfur	34-1	17250.93	17023.70	17076.49	17117.04	0.69	ppb
Terbium	159-1				82		%
Terbium	159-2				76		%
Thallium	203-1	507.45	512.38	523.83	514.55	1.63	ppb
Thallium	205-1	515.53	511.50	516.49	514.51	0.51	ppb
Thorium	232-1	0.11	0.11	0.13	0.12	6.79	ppb
Tin	118-1	487.14	483.08	485.84	485.35	0.43	ppb
Titanium	47-1	2482.34	2487.18	2513.50	2494.34	0.67	ppb
Uranium	238-1	512.67	509.39	513.45	511.83	0.42	ppb
Vanadium	51-2	519.55	521.28	523.52	521.45	0.38	ppb
Yttrium	89-1				76		%
Yttrium	89-2				71		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0639A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:49:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	992.72	1002.10	1004.87	999.89	0.64	ppb
Zirconium	90-1	509.97	507.52	509.88	509.12	0.27	ppb
Zirconium	91-1	510.59	514.57	518.54	514.57	0.77	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-02	Instrumnet Name :	P7
Client Sample ID :	S32-0640	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:53:12	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83.75	85.12	84.24	84.37	0.83	ppb
Antimony	121-1	1.17	1.17	1.20	1.18	1.42	ppb
Arsenic	75-2	11.11	10.02	10.50	10.54	5.15	ppb
Barium	135-1	72.91	73.46	73.15	73.18	0.38	ppb
Barium	137-1	72.99	72.57	73.20	72.92	0.44	ppb
Beryllium	9-1	0.07	0.06	0.06	0.06	9.94	ppb
Bismuth	209-1				78		%
Bismuth	209-2				70		%
Boron	10-1	57.11	53.49	54.07	54.89	3.54	ppb
Boron	11-1	55.39	54.81	53.40	54.53	1.87	ppb
Cadmium	111-1	-0.19	-0.17	-0.10	-0.15		ppb
Cadmium	106-1	-3.52	-3.08	-2.18	-2.93		ppb
Cadmium	108-1	0.08	0.01	0.10	0.06	71.70	ppb
Calcium	43-1	78710.72	78958.87	78246.84	78638.81	0.46	ppb
Calcium	44-1	79235.68	79698.29	78754.98	79229.65	0.60	ppb
Chromium	52-2	1.24	1.30	1.27	1.27	2.42	ppb
Cobalt	59-2	1.74	1.73	1.75	1.74	0.38	ppb
Copper	63-2	2.48	2.52	2.44	2.48	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				81		%
Holmium	165-2				77		%
Indium	115-1				74		%
Indium	115-2				71		%
Iron	56-2	7417.83	7332.16	7340.87	7363.62	0.64	ppb
Iron	57-2	7465.42	7524.96	7507.08	7499.15	0.41	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.27	0.28	0.27	3.60	ppb
Lead	207-1	0.25	0.26	0.24	0.25	3.13	ppb
Lead	208-1	0.27	0.27	0.26	0.26	2.42	ppb
Lithium	6-1				82		%
Magnesium	24-2	10329.15	10220.56	10198.92	10249.54	0.68	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-02	Instrumnet Name :	P7
Client Sample ID :	S32-0640	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:53:12	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1526.21	1519.04	1516.47	1520.57	0.33	ppb
Molybdenum	94-1	2.68	2.68	2.70	2.69	0.34	ppb
Molybdenum	95-1	3.86	3.73	3.68	3.76	2.56	ppb
Molybdenum	96-1	3.76	3.67	3.70	3.71	1.13	ppb
Molybdenum	97-1	3.65	3.74	3.65	3.68	1.40	ppb
Molybdenum	98-1	3.84	3.59	3.64	3.69	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.69	2.52	2.50	2.57	4.01	ppb
Phosphorus	31-2	34.99	25.97	22.10	27.69	23.88	ppb
Potassium	39-2	13137.05	13039.41	13025.44	13067.30	0.47	ppb
Rhodium	103-1				71		%
Rhodium	103-2				69		%
Scandium	45-1				71		%
Scandium	45-2				61		%
Selenium	77-2	2.62	2.18	2.64	2.48	10.47	ppb
Selenium	78-2	0.06	0.37	0.68	0.37	82.29	ppb
Selenium	82-1	1.07	0.73	0.78	0.86	21.28	ppb
Silicon	28-1	4837.18	4838.59	4783.24	4819.67	0.65	ppb
Silver	109-1	0.07	0.07	0.08	0.07	7.01	ppb
Silver	107-1	0.06	0.07	0.06	0.06	11.90	ppb
Sodium	23-2	55786.63	55707.28	55577.18	55690.36	0.19	ppb
Strontium	86-1	746.66	755.84	753.58	752.03	0.64	ppb
Strontium	88-1	758.54	765.34	759.88	761.25	0.47	ppb
Sulfur	34-1	34761.22	34718.60	34521.97	34667.26	0.37	ppb
Terbium	159-1				81		%
Terbium	159-2				76		%
Thallium	203-1	0.22	0.21	0.19	0.20	8.11	ppb
Thallium	205-1	0.22	0.21	0.18	0.20	11.13	ppb
Thorium	232-1	0.04	0.04	0.03	0.04	2.12	ppb
Tin	118-1	2.52	2.59	2.41	2.51	3.75	ppb
Titanium	47-1	3.60	3.32	3.23	3.38	5.72	ppb
Uranium	238-1	1.35	1.34	1.38	1.36	1.33	ppb
Vanadium	51-2	0.77	0.82	0.73	0.77	6.21	ppb
Yttrium	89-1				75		%
Yttrium	89-2				69		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-02	Instrumnet Name :	P7
Client Sample ID :	S32-0640	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:53:12	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.72	9.37	9.01	9.03	3.57	ppb
Zirconium	90-1	0.11	0.12	0.11	0.11	5.56	ppb
Zirconium	91-1	0.11	0.16	0.12	0.13	21.44	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:56:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49527.09	49556.55	49325.55	49469.73	0.25	ppb
Antimony	121-1	434.62	441.68	449.97	442.09	1.74	ppb
Arsenic	75-2	466.68	468.12	467.04	467.28	0.16	ppb
Barium	135-1	2485.12	2468.63	2489.26	2481.00	0.44	ppb
Barium	137-1	2481.30	2426.98	2471.14	2459.81	1.17	ppb
Beryllium	9-1	497.89	503.67	500.46	500.67	0.58	ppb
Bismuth	209-1				76		%
Bismuth	209-2				70		%
Boron	10-1	475.93	488.00	500.17	488.03	2.48	ppb
Boron	11-1	475.23	491.23	500.31	488.92	2.60	ppb
Cadmium	111-1	448.27	456.80	458.46	454.51	1.20	ppb
Cadmium	106-1	448.54	460.93	460.26	456.58	1.53	ppb
Cadmium	108-1	452.89	455.81	456.79	455.16	0.45	ppb
Calcium	43-1	234052.42	233870.59	233119.08	233680.69	0.21	ppb
Calcium	44-1	236902.40	232655.21	234840.98	234799.53	0.90	ppb
Chromium	52-2	514.03	520.97	517.05	517.35	0.67	ppb
Cobalt	59-2	496.10	501.16	496.73	498.00	0.55	ppb
Copper	63-2	1047.58	1060.43	1049.73	1052.58	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				84		%
Indium	115-1				74		%
Indium	115-2				76		%
Iron	56-2	129854.77	132008.81	130777.58	130880.39	0.83	ppb
Iron	57-2	131082.41	131753.29	130860.42	131232.04	0.35	ppb
Krypton	83-1						cps
Lead	206-1	499.38	509.77	513.29	507.48	1.43	ppb
Lead	207-1	499.33	508.66	514.00	507.33	1.46	ppb
Lead	208-1	505.08	510.70	515.00	510.26	0.98	ppb
Lithium	6-1				77		%
Magnesium	24-2	241041.72	242627.73	241149.52	241606.32	0.37	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:56:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	998.97	1008.65	1003.23	1003.61	0.48	ppb
Molybdenum	94-1	2559.79	2574.80	2555.71	2563.43	0.39	ppb
Molybdenum	95-1	2557.08	2556.64	2562.89	2558.87	0.14	ppb
Molybdenum	96-1	2544.35	2566.28	2551.60	2554.08	0.44	ppb
Molybdenum	97-1	2540.33	2552.79	2556.05	2549.72	0.33	ppb
Molybdenum	98-1	2545.47	2553.56	2550.97	2550.00	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.74	501.35	493.11	496.73	0.85	ppb
Phosphorus	31-2	9617.98	9514.51	9672.83	9601.77	0.84	ppb
Potassium	39-2	121084.03	120559.32	120748.08	120797.14	0.22	ppb
Rhodium	103-1				68		%
Rhodium	103-2				71		%
Scandium	45-1				73		%
Scandium	45-2				74		%
Selenium	77-2	497.45	481.01	494.66	491.04	1.79	ppb
Selenium	78-2	483.85	484.31	491.28	486.48	0.86	ppb
Selenium	82-1	479.61	489.96	490.03	486.53	1.23	ppb
Silicon	28-1	589.89	597.86	603.42	597.06	1.14	ppb
Silver	109-1	453.70	446.14	447.57	449.14	0.89	ppb
Silver	107-1	452.11	450.90	453.91	452.31	0.33	ppb
Sodium	23-2	236597.42	236297.64	234500.42	235798.49	0.48	ppb
Strontium	86-1	500.48	503.28	510.82	504.86	1.06	ppb
Strontium	88-1	497.90	499.93	501.09	499.64	0.32	ppb
Sulfur	34-1	9316.13	9270.79	9525.39	9370.77	1.45	ppb
Terbium	159-1				85		%
Terbium	159-2				82		%
Thallium	203-1	521.57	512.39	521.99	518.65	1.05	ppb
Thallium	205-1	518.67	515.63	518.12	517.47	0.31	ppb
Thorium	232-1	532.08	529.59	529.49	530.39	0.28	ppb
Tin	118-1	480.37	482.38	488.46	483.74	0.87	ppb
Titanium	47-1	2553.75	2567.62	2561.86	2561.08	0.27	ppb
Uranium	238-1	529.15	528.77	525.63	527.85	0.37	ppb
Vanadium	51-2	506.32	515.54	507.67	509.84	0.98	ppb
Yttrium	89-1				77		%
Yttrium	89-2				78		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:56:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1064.80	1076.19	1069.27	1070.09	0.54	ppb
Zirconium	90-1	508.96	509.88	511.90	510.25	0.30	ppb
Zirconium	91-1	508.87	515.04	518.29	514.07	0.93	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:00:26	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.81	1.23	1.99	1.34	44.44	ppb
Antimony	121-1	0.26	0.21	0.22	0.23	12.10	ppb
Arsenic	75-2	0.08	0.08	0.09	0.08	10.20	ppb
Barium	135-1	0.11	0.09	0.07	0.09	20.58	ppb
Barium	137-1	0.06	0.10	0.07	0.08	25.62	ppb
Beryllium	9-1	0.08	0.06	0.08	0.07	13.35	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Boron	10-1	20.99	19.18	16.84	19.00	10.94	ppb
Boron	11-1	20.32	18.66	17.01	18.66	8.85	ppb
Cadmium	111-1	-0.07	-0.10	-0.03	-0.07		ppb
Cadmium	106-1	-1.53	-2.01	-0.88	-1.47		ppb
Cadmium	108-1	0.07	0.05	0.06	0.06	18.65	ppb
Calcium	43-1	7.02	5.34	4.88	5.75	19.62	ppb
Calcium	44-1	7.02	6.98	5.40	6.47	14.23	ppb
Chromium	52-2	0.02	0.03	0.02	0.02	14.71	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	104.68	ppb
Copper	63-2	0.07	0.08	0.08	0.08	11.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				92		%
Indium	115-1				84		%
Indium	115-2				90		%
Iron	56-2	3.21	3.29	3.46	3.32	3.84	ppb
Iron	57-2	3.94	4.44	3.94	4.10	6.99	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.03	15.27	ppb
Lead	207-1	0.03	0.03	0.01	0.02	48.01	ppb
Lead	208-1	0.02	0.02	0.02	0.02	16.43	ppb
Lithium	6-1				88		%
Magnesium	24-2	6.39	6.83	6.07	6.43	5.94	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:00:26	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.02	0.03	0.03	28.77	ppb
Molybdenum	94-1	0.41	0.41	0.33	0.38	11.92	ppb
Molybdenum	95-1	0.57	0.52	0.45	0.51	12.21	ppb
Molybdenum	96-1	0.70	0.49	0.43	0.54	25.92	ppb
Molybdenum	97-1	0.60	0.62	0.41	0.54	20.92	ppb
Molybdenum	98-1	0.65	0.54	0.42	0.54	21.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.01	0.01	83.15	ppb
Phosphorus	31-2	-35.97	-34.50	-30.40	-33.62		ppb
Potassium	39-2	1.91	3.67	2.51	2.70	33.16	ppb
Rhodium	103-1				82		%
Rhodium	103-2				89		%
Scandium	45-1				82		%
Scandium	45-2				83		%
Selenium	77-2	-0.11	-0.11	0.25	0.01	1447.96	ppb
Selenium	78-2	0.08	0.24	0.30	0.21	56.83	ppb
Selenium	82-1	0.16	-0.18	-0.03	-0.02		ppb
Silicon	28-1	5.17	3.91	3.99	4.36	16.24	ppb
Silver	109-1	0.12	0.12	0.11	0.12	4.81	ppb
Silver	107-1	0.15	0.13	0.14	0.14	7.20	ppb
Sodium	23-2	31.80	30.34	29.29	30.47	4.14	ppb
Strontium	86-1	0.02	-0.01	-0.02	0.00		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	12.77	ppb
Sulfur	34-1	-531.43	-489.39	-483.83	-501.55		ppb
Terbium	159-1				88		%
Terbium	159-2				91		%
Thallium	203-1	0.11	0.09	0.10	0.10	6.49	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	5.19	ppb
Thorium	232-1	0.05	0.05	0.04	0.05	10.34	ppb
Tin	118-1	0.06	0.06	0.04	0.05	29.07	ppb
Titanium	47-1	0.10	0.09	0.08	0.09	13.94	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	23.73	ppb
Vanadium	51-2	0.01	0.02	0.01	0.02	42.47	ppb
Yttrium	89-1				84		%
Yttrium	89-2				88		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:00:26	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	0.04	0.11	0.05	89.64	ppb
Zirconium	90-1	0.04	0.02	0.03	0.03	31.70	ppb
Zirconium	91-1	0.04	0.02	0.03	0.03	24.88	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-03	Instrumnet Name :	P7
Client Sample ID :	S32-0641	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:04:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	179.49	174.63	179.22	177.78	1.54	ppb
Antimony	121-1	7.81	5.67	4.37	5.95	29.16	ppb
Arsenic	75-2	19.44	19.91	19.12	19.49	2.05	ppb
Barium	135-1	50.04	51.53	50.57	50.71	1.49	ppb
Barium	137-1	49.82	50.49	50.60	50.30	0.84	ppb
Beryllium	9-1	0.06	0.08	0.06	0.07	14.58	ppb
Bismuth	209-1				81		%
Bismuth	209-2				70		%
Boron	10-1	30.22	30.37	28.59	29.73	3.32	ppb
Boron	11-1	30.42	30.92	30.87	30.74	0.89	ppb
Cadmium	111-1	-0.07	-0.02	-0.10	-0.06		ppb
Cadmium	106-1	-2.71	-2.24	-2.95	-2.63		ppb
Cadmium	108-1	0.22	0.20	0.10	0.17	37.86	ppb
Calcium	43-1	54518.33	53506.35	54247.22	54090.63	0.97	ppb
Calcium	44-1	55256.47	54772.39	54530.90	54853.25	0.67	ppb
Chromium	52-2	2.05	2.00	2.06	2.04	1.70	ppb
Cobalt	59-2	16.56	16.55	16.30	16.47	0.92	ppb
Copper	63-2	1.35	1.28	1.28	1.30	3.21	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				83		%
Holmium	165-2				76		%
Indium	115-1				76		%
Indium	115-2				70		%
Iron	56-2	31597.43	31440.81	31147.43	31395.22	0.73	ppb
Iron	57-2	31048.79	30984.52	30943.31	30992.21	0.17	ppb
Krypton	83-1						cps
Lead	206-1	0.51	0.48	0.47	0.49	3.73	ppb
Lead	207-1	0.48	0.50	0.44	0.47	6.49	ppb
Lead	208-1	0.49	0.48	0.46	0.47	2.85	ppb
Lithium	6-1				84		%
Magnesium	24-2	7145.88	7087.60	6983.23	7072.24	1.17	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-03	Instrumnet Name :	P7
Client Sample ID :	S32-0641	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:04:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13223.26	13173.85	13001.10	13132.74	0.89	ppb
Molybdenum	94-1	2.81	2.69	2.73	2.74	2.31	ppb
Molybdenum	95-1	3.68	3.59	3.71	3.66	1.81	ppb
Molybdenum	96-1	3.67	3.58	3.48	3.58	2.72	ppb
Molybdenum	97-1	3.38	3.47	3.36	3.41	1.77	ppb
Molybdenum	98-1	3.35	3.48	3.43	3.42	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.74	9.81	9.29	9.61	2.92	ppb
Phosphorus	31-2	17.59	31.02	4.17	17.59	76.30	ppb
Potassium	39-2	4305.88	4313.60	4261.23	4293.57	0.66	ppb
Rhodium	103-1				74		%
Rhodium	103-2				69		%
Scandium	45-1				73		%
Scandium	45-2				60		%
Selenium	77-2	1.28	2.69	0.82	1.60	61.00	ppb
Selenium	78-2	0.62	1.56	0.47	0.88	66.62	ppb
Selenium	82-1	0.68	0.87	0.78	0.78	12.32	ppb
Silicon	28-1	6013.55	5923.11	5943.40	5960.02	0.80	ppb
Silver	109-1	0.68	0.27	0.13	0.36	79.01	ppb
Silver	107-1	0.66	0.27	0.14	0.35	75.59	ppb
Sodium	23-2	30121.65	29798.67	29396.83	29772.39	1.22	ppb
Strontium	86-1	191.55	192.22	193.91	192.56	0.63	ppb
Strontium	88-1	194.97	195.92	194.66	195.18	0.34	ppb
Sulfur	34-1	21627.85	21275.50	21451.98	21451.78	0.82	ppb
Terbium	159-1				83		%
Terbium	159-2				75		%
Thallium	203-1	0.34	0.30	0.27	0.31	12.05	ppb
Thallium	205-1	0.36	0.30	0.27	0.31	14.54	ppb
Thorium	232-1	0.11	0.11	0.11	0.11	2.08	ppb
Tin	118-1	2.18	2.24	2.16	2.20	1.95	ppb
Titanium	47-1	8.55	8.79	8.87	8.74	1.94	ppb
Uranium	238-1	0.20	0.21	0.19	0.20	5.03	ppb
Vanadium	51-2	2.18	2.15	2.13	2.15	1.28	ppb
Yttrium	89-1				77		%
Yttrium	89-2				68		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-03	Instrumnet Name :	P7
Client Sample ID :	S32-0641	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:04:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	19.11	18.18	18.59	18.63	2.52	ppb
Zirconium	90-1	0.25	0.24	0.23	0.24	3.13	ppb
Zirconium	91-1	0.27	0.28	0.28	0.28	1.71	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-04	Instrumnet Name :	P7
Client Sample ID :	S32-0642	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:07:34	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	263.23	268.23	257.30	262.92	2.08	ppb
Antimony	121-1	2.89	2.68	2.78	2.79	3.76	ppb
Arsenic	75-2	21.51	21.67	20.64	21.27	2.61	ppb
Barium	135-1	51.53	52.35	51.70	51.86	0.83	ppb
Barium	137-1	51.10	51.64	50.79	51.18	0.84	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	17.11	ppb
Bismuth	209-1				76		%
Bismuth	209-2				67		%
Boron	10-1	26.89	27.11	28.26	27.42	2.68	ppb
Boron	11-1	28.61	28.18	28.04	28.28	1.06	ppb
Cadmium	111-1	-0.18	-0.19	-0.24	-0.20		ppb
Cadmium	106-1	-3.24	-3.21	-3.70	-3.38		ppb
Cadmium	108-1	0.10	0.06	0.02	0.06	74.27	ppb
Calcium	43-1	53930.88	53987.85	53954.85	53957.86	0.05	ppb
Calcium	44-1	54739.82	54749.81	54611.30	54700.31	0.14	ppb
Chromium	52-2	3.81	4.21	3.90	3.97	5.27	ppb
Cobalt	59-2	16.78	17.36	16.99	17.04	1.73	ppb
Copper	63-2	1.59	1.62	1.60	1.60	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				78		%
Holmium	165-2				74		%
Indium	115-1				71		%
Indium	115-2				67		%
Iron	56-2	32978.69	33316.96	32816.89	33037.51	0.77	ppb
Iron	57-2	32433.97	32957.44	32666.60	32686.01	0.80	ppb
Krypton	83-1						cps
Lead	206-1	0.54	0.52	0.49	0.52	5.44	ppb
Lead	207-1	0.48	0.46	0.50	0.48	3.85	ppb
Lead	208-1	0.50	0.50	0.50	0.50	0.23	ppb
Lithium	6-1				76		%
Magnesium	24-2	7054.45	7119.32	7051.36	7075.05	0.54	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-04	Instrumnet Name :	P7
Client Sample ID :	S32-0642	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:07:34	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13142.35	13304.36	12997.48	13148.06	1.17	ppb
Molybdenum	94-1	3.02	3.08	2.98	3.03	1.73	ppb
Molybdenum	95-1	3.90	3.97	4.08	3.98	2.26	ppb
Molybdenum	96-1	3.81	3.88	3.93	3.87	1.63	ppb
Molybdenum	97-1	3.70	3.71	3.79	3.73	1.37	ppb
Molybdenum	98-1	3.70	3.80	3.71	3.74	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.54	10.64	10.11	10.43	2.72	ppb
Phosphorus	31-2	25.38	22.27	38.07	28.57	29.29	ppb
Potassium	39-2	4296.07	4332.02	4251.80	4293.30	0.94	ppb
Rhodium	103-1				68		%
Rhodium	103-2				66		%
Scandium	45-1				66		%
Scandium	45-2				57		%
Selenium	77-2	0.87	0.38	3.30	1.52	102.97	ppb
Selenium	78-2	0.81	0.49	0.08	0.46	78.82	ppb
Selenium	82-1	1.08	1.16	1.06	1.10	5.00	ppb
Silicon	28-1	6126.71	6053.12	6044.80	6074.87	0.74	ppb
Silver	109-1	0.06	0.06	0.06	0.06	3.21	ppb
Silver	107-1	0.06	0.06	0.06	0.06	6.66	ppb
Sodium	23-2	29533.69	29903.52	29531.11	29656.11	0.72	ppb
Strontium	86-1	191.01	195.61	195.28	193.97	1.32	ppb
Strontium	88-1	192.24	194.51	194.17	193.64	0.63	ppb
Sulfur	34-1	21134.14	21135.72	21083.35	21117.74	0.14	ppb
Terbium	159-1				77		%
Terbium	159-2				72		%
Thallium	203-1	0.14	0.12	0.13	0.13	7.99	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	3.43	ppb
Thorium	232-1	0.13	0.14	0.14	0.14	2.72	ppb
Tin	118-1	1.64	1.67	1.67	1.66	1.25	ppb
Titanium	47-1	14.67	14.65	14.28	14.54	1.51	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	1.19	ppb
Vanadium	51-2	2.27	2.41	2.55	2.41	5.70	ppb
Yttrium	89-1				71		%
Yttrium	89-2				65		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-04	Instrumnet Name :	P7
Client Sample ID :	S32-0642	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:07:34	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	20.79	21.51	21.36	21.22	1.81	ppb
Zirconium	90-1	0.25	0.22	0.24	0.24	6.22	ppb
Zirconium	91-1	0.26	0.31	0.29	0.29	8.30	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-05	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2018-3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:11:08	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.32	7.55	5.23	6.36	18.21	ppb
Antimony	121-1	0.22	0.23	0.20	0.22	6.70	ppb
Arsenic	75-2	0.06	0.06	0.11	0.08	37.74	ppb
Barium	135-1	0.16	0.15	0.13	0.15	10.52	ppb
Barium	137-1	0.13	0.15	0.15	0.14	6.60	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	35.76	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	3.42	3.23	3.36	3.34	2.96	ppb
Boron	11-1	3.17	3.32	3.31	3.27	2.69	ppb
Cadmium	111-1	-0.09	-0.08	-0.13	-0.10		ppb
Cadmium	106-1	-1.69	-1.46	-2.06	-1.74		ppb
Cadmium	108-1	0.12	0.00	0.06	0.06	105.13	ppb
Calcium	43-1	51.54	50.98	52.21	51.58	1.19	ppb
Calcium	44-1	48.62	49.53	47.92	48.69	1.65	ppb
Chromium	52-2	-0.07	-0.09	-0.09	-0.08		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	54.43	ppb
Copper	63-2	1.26	1.30	1.26	1.27	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	10.64	10.83	10.10	10.52	3.61	ppb
Iron	57-2	12.18	10.54	11.29	11.34	7.27	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.12	0.12	4.47	ppb
Lead	207-1	0.11	0.12	0.12	0.12	3.70	ppb
Lead	208-1	0.12	0.12	0.11	0.12	2.31	ppb
Lithium	6-1				104		%
Magnesium	24-2	5.37	5.35	5.84	5.52	4.97	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-05	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2018-3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:11:08	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.98	3.05	3.22	3.09	4.00	ppb
Molybdenum	94-1	0.04	0.02	0.03	0.03	29.35	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	20.89	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	7.20	ppb
Molybdenum	97-1	0.06	0.05	0.04	0.05	14.64	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	5.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.55	0.55	0.54	3.92	ppb
Phosphorus	31-2	-18.40	-17.40	-23.51	-19.77		ppb
Potassium	39-2	64.29	63.48	62.37	63.38	1.52	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	-0.11	-0.11	0.52	0.10	349.85	ppb
Selenium	78-2	-0.21	-0.12	-0.22	-0.18		ppb
Selenium	82-1	0.18	0.07	-0.13	0.04	369.75	ppb
Silicon	28-1	-9.98	-9.54	-9.57	-9.70		ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.71	ppb
Silver	107-1	0.02	0.01	0.02	0.02	25.30	ppb
Sodium	23-2	101.11	100.73	102.34	101.39	0.83	ppb
Strontium	86-1	0.16	0.14	0.12	0.14	15.44	ppb
Strontium	88-1	0.19	0.19	0.19	0.19	0.67	ppb
Sulfur	34-1	-1297.37	-1247.02	-1194.40	-1246.26		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.04	0.04	0.05	20.59	ppb
Thallium	205-1	0.06	0.04	0.04	0.05	21.61	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	17.89	ppb
Tin	118-1	0.13	0.12	0.11	0.12	7.30	ppb
Titanium	47-1	0.15	0.16	0.08	0.13	32.33	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	49.51	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	21.98	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-05	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2018-3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:11:08	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.64	12.08	12.81	12.51	3.07	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	641.49	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	17037.74	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-01	Instrumnet Name :	P7
Client Sample ID :	S32-0643	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:15:09	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3553.60	3492.92	3532.59	3526.37	0.87	ppb
Antimony	121-1	2.41	2.20	2.23	2.28	4.95	ppb
Arsenic	75-2	14.25	14.11	14.70	14.35	2.13	ppb
Barium	135-1	19.94	20.04	20.24	20.07	0.75	ppb
Barium	137-1	19.85	20.00	20.37	20.07	1.33	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	39.17	ppb
Bismuth	209-1				73		%
Bismuth	209-2				65		%
Boron	10-1	38.51	36.35	39.92	38.26	4.70	ppb
Boron	11-1	38.88	39.32	39.53	39.24	0.84	ppb
Cadmium	111-1	-0.23	-0.23	-0.28	-0.25		ppb
Cadmium	106-1	-3.81	-3.47	-4.40	-3.90		ppb
Cadmium	108-1	0.31	0.54	0.22	0.36	45.25	ppb
Calcium	43-1	105336.96	105616.74	106083.31	105679.00	0.36	ppb
Calcium	44-1	106263.87	105533.05	106902.54	106233.15	0.65	ppb
Chromium	52-2	1.14	1.18	1.09	1.14	3.83	ppb
Cobalt	59-2	0.45	0.48	0.52	0.48	7.00	ppb
Copper	63-2	0.64	0.56	0.60	0.60	7.40	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				77		%
Holmium	165-2				73		%
Indium	115-1				68		%
Indium	115-2				65		%
Iron	56-2	195.56	193.14	196.76	195.15	0.94	ppb
Iron	57-2	437.36	450.05	434.30	440.57	1.90	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.13	0.12	5.95	ppb
Lead	207-1	0.11	0.11	0.10	0.11	4.50	ppb
Lead	208-1	0.12	0.12	0.12	0.12	0.86	ppb
Lithium	6-1				73		%
Magnesium	24-2	521.72	511.03	502.41	511.72	1.89	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-01	Instrumnet Name :	P7
Client Sample ID :	S32-0643	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:15:09	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.93	11.87	11.90	11.90	0.25	ppb
Molybdenum	94-1	39.65	39.80	40.85	40.10	1.63	ppb
Molybdenum	95-1	57.24	57.14	57.63	57.34	0.45	ppb
Molybdenum	96-1	54.93	54.87	55.54	55.11	0.67	ppb
Molybdenum	97-1	56.67	56.31	57.26	56.75	0.84	ppb
Molybdenum	98-1	56.72	56.82	57.78	57.11	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.76	106.52	108.85	107.37	1.19	ppb
Phosphorus	31-2	69.83	53.03	88.57	70.48	25.22	ppb
Potassium	39-2	9959.39	9832.61	10009.66	9933.88	0.92	ppb
Rhodium	103-1				64		%
Rhodium	103-2				63		%
Scandium	45-1				63		%
Scandium	45-2				56		%
Selenium	77-2	0.40	1.38	2.35	1.38	71.11	ppb
Selenium	78-2	1.79	0.51	0.42	0.91	84.09	ppb
Selenium	82-1	0.85	1.43	0.90	1.06	30.05	ppb
Silicon	28-1	3856.72	3857.47	3879.75	3864.65	0.34	ppb
Silver	109-1	0.05	0.04	0.05	0.05	12.00	ppb
Silver	107-1	0.03	0.04	0.04	0.04	17.30	ppb
Sodium	23-2	98296.08	96782.82	97306.78	97461.89	0.79	ppb
Strontium	86-1	2064.41	2064.06	2081.00	2069.82	0.47	ppb
Strontium	88-1	2016.28	2029.31	2045.37	2030.32	0.72	ppb
Sulfur	34-1	24479.37	24391.31	24583.29	24484.66	0.39	ppb
Terbium	159-1				76		%
Terbium	159-2				72		%
Thallium	203-1	0.07	0.07	0.06	0.07	12.33	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	15.85	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	1.56	ppb
Tin	118-1	1.31	1.27	1.31	1.29	1.82	ppb
Titanium	47-1	3.67	3.68	3.81	3.72	2.06	ppb
Uranium	238-1	0.17	0.17	0.17	0.17	1.01	ppb
Vanadium	51-2	3.23	3.11	3.16	3.16	1.93	ppb
Yttrium	89-1				68		%
Yttrium	89-2				64		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-01	Instrumnet Name :	P7
Client Sample ID :	S32-0643	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:15:09	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.29	13.35	14.45	14.03	4.23	ppb
Zirconium	90-1	0.06	0.07	0.08	0.07	15.77	ppb
Zirconium	91-1	0.11	0.08	0.11	0.10	18.03	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-02	Instrumnet Name :	P7
Client Sample ID :	S32-0644	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:18:44	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2298.67	2308.72	2308.32	2305.24	0.25	ppb
Antimony	121-1	2.37	2.50	2.38	2.42	2.96	ppb
Arsenic	75-2	4.40	4.48	4.05	4.31	5.35	ppb
Barium	135-1	23.80	23.63	23.55	23.66	0.54	ppb
Barium	137-1	24.18	23.72	23.65	23.85	1.21	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	18.46	ppb
Bismuth	209-1				74		%
Bismuth	209-2				66		%
Boron	10-1	19.19	19.88	19.60	19.56	1.79	ppb
Boron	11-1	20.34	19.88	20.20	20.14	1.16	ppb
Cadmium	111-1	-0.22	-0.16	-0.22	-0.20		ppb
Cadmium	106-1	-3.31	-2.53	-3.31	-3.05		ppb
Cadmium	108-1	0.35	0.35	0.34	0.35	1.70	ppb
Calcium	43-1	181098.92	178503.16	178178.62	179260.23	0.89	ppb
Calcium	44-1	182365.36	179939.90	177063.20	179789.48	1.48	ppb
Chromium	52-2	1.27	1.28	1.19	1.25	3.64	ppb
Cobalt	59-2	0.22	0.23	0.22	0.22	0.88	ppb
Copper	63-2	5.20	5.08	5.06	5.11	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				78		%
Holmium	165-2				75		%
Indium	115-1				70		%
Indium	115-2				68		%
Iron	56-2	106.05	105.91	106.18	106.05	0.13	ppb
Iron	57-2	528.88	513.56	546.46	529.63	3.11	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.19	0.16	0.18	10.32	ppb
Lead	207-1	0.16	0.16	0.15	0.16	4.12	ppb
Lead	208-1	0.17	0.17	0.16	0.17	2.54	ppb
Lithium	6-1				73		%
Magnesium	24-2	381.75	394.80	391.89	389.48	1.76	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-02	Instrumnet Name :	P7
Client Sample ID :	S32-0644	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:18:44	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.39	2.43	2.43	2.42	1.02	ppb
Molybdenum	94-1	31.35	31.56	30.94	31.28	1.00	ppb
Molybdenum	95-1	45.36	44.27	45.32	44.98	1.38	ppb
Molybdenum	96-1	43.38	43.83	43.05	43.42	0.90	ppb
Molybdenum	97-1	44.69	45.27	44.35	44.77	1.04	ppb
Molybdenum	98-1	45.64	45.13	44.66	45.14	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.26	11.28	11.46	11.34	0.96	ppb
Phosphorus	31-2	-21.72	-13.86	-18.06	-17.88		ppb
Potassium	39-2	7004.40	7021.00	6982.10	7002.50	0.28	ppb
Rhodium	103-1				66		%
Rhodium	103-2				66		%
Scandium	45-1				65		%
Scandium	45-2				58		%
Selenium	77-2	2.28	2.76	1.31	2.12	34.86	ppb
Selenium	78-2	1.07	0.45	0.04	0.52	99.56	ppb
Selenium	82-1	1.10	0.96	1.24	1.10	12.54	ppb
Silicon	28-1	3204.42	3176.72	3165.52	3182.22	0.63	ppb
Silver	109-1	0.04	0.04	0.03	0.04	16.26	ppb
Silver	107-1	0.03	0.03	0.03	0.03	3.06	ppb
Sodium	23-2	66358.85	65640.59	65652.13	65883.86	0.62	ppb
Strontium	86-1	398.76	395.77	390.03	394.85	1.12	ppb
Strontium	88-1	409.95	398.88	397.46	402.10	1.70	ppb
Sulfur	34-1	7545.92	7394.36	7414.98	7451.75	1.10	ppb
Terbium	159-1				78		%
Terbium	159-2				74		%
Thallium	203-1	0.03	0.03	0.04	0.03	5.31	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	7.78	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	13.54	ppb
Tin	118-1	0.94	1.00	1.02	0.99	4.31	ppb
Titanium	47-1	2.37	2.36	2.44	2.39	1.96	ppb
Uranium	238-1	0.16	0.15	0.15	0.15	2.52	ppb
Vanadium	51-2	9.06	8.67	8.49	8.74	3.30	ppb
Yttrium	89-1				71		%
Yttrium	89-2				67		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-02	Instrumnet Name :	P7
Client Sample ID :	S32-0644	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:18:44	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.39	9.01	9.17	8.85	4.67	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	11.48	ppb
Zirconium	91-1	0.07	0.07	0.06	0.06	12.28	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:22:19	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.46	8.61	5.97	7.68	19.30	ppb
Antimony	121-1	0.55	0.52	0.46	0.51	9.84	ppb
Arsenic	75-2	2.68	2.58	2.84	2.70	4.83	ppb
Barium	135-1	6.25	6.34	6.38	6.33	1.03	ppb
Barium	137-1	6.27	6.10	6.26	6.21	1.54	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	37.64	ppb
Bismuth	209-1				84		%
Bismuth	209-2				77		%
Boron	10-1	12.45	13.49	13.26	13.07	4.19	ppb
Boron	11-1	13.27	12.94	13.48	13.23	2.06	ppb
Cadmium	111-1	-0.20	-0.18	-0.23	-0.20		ppb
Cadmium	106-1	-2.93	-2.60	-3.09	-2.87		ppb
Cadmium	108-1	-0.03	0.01	-0.01	-0.01		ppb
Calcium	43-1	8631.28	8436.36	8546.46	8538.03	1.14	ppb
Calcium	44-1	8621.12	8546.68	8741.43	8636.41	1.14	ppb
Chromium	52-2	0.31	0.30	0.31	0.31	1.65	ppb
Cobalt	59-2	0.07	0.06	0.08	0.07	15.00	ppb
Copper	63-2	0.11	0.09	0.17	0.12	32.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				82		%
Indium	115-1				77		%
Indium	115-2				77		%
Iron	56-2	75.47	75.60	74.18	75.08	1.05	ppb
Iron	57-2	95.95	95.45	100.07	97.16	2.61	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	13.67	ppb
Lead	207-1	0.01	0.02	0.01	0.01	36.90	ppb
Lead	208-1	0.02	0.02	0.02	0.02	8.12	ppb
Lithium	6-1				77		%
Magnesium	24-2	3532.72	3611.58	3559.17	3567.82	1.12	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:22:19	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	157.03	156.72	157.61	157.12	0.29	ppb
Molybdenum	94-1	2.21	2.23	2.26	2.23	1.16	ppb
Molybdenum	95-1	3.25	3.21	3.36	3.27	2.36	ppb
Molybdenum	96-1	3.01	3.05	3.32	3.13	5.37	ppb
Molybdenum	97-1	3.33	3.11	3.49	3.31	5.67	ppb
Molybdenum	98-1	3.35	3.32	3.25	3.31	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.40	0.34	0.34	19.02	ppb
Phosphorus	31-2	-6.91	-8.77	-28.15	-14.61		ppb
Potassium	39-2	3500.89	3533.77	3495.04	3509.90	0.59	ppb
Rhodium	103-1				75		%
Rhodium	103-2				76		%
Scandium	45-1				72		%
Scandium	45-2				66		%
Selenium	77-2	-0.11	-0.11	0.75	0.18	275.58	ppb
Selenium	78-2	0.06	-0.02	0.26	0.10	144.07	ppb
Selenium	82-1	0.00	0.27	0.36	0.21	91.11	ppb
Silicon	28-1	900.75	891.79	905.17	899.24	0.76	ppb
Silver	109-1	0.02	0.02	0.01	0.02	17.61	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.15	ppb
Sodium	23-2	13263.51	13212.72	13151.03	13209.08	0.43	ppb
Strontium	86-1	76.87	75.40	77.51	76.60	1.42	ppb
Strontium	88-1	76.60	75.76	77.40	76.59	1.07	ppb
Sulfur	34-1	3118.84	3060.52	3121.39	3100.25	1.11	ppb
Terbium	159-1				83		%
Terbium	159-2				81		%
Thallium	203-1	0.01	0.02	0.02	0.02	28.13	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	43.56	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	3.52	ppb
Tin	118-1	0.09	0.10	0.07	0.09	19.76	ppb
Titanium	47-1	0.39	0.51	0.42	0.44	13.30	ppb
Uranium	238-1	0.54	0.57	0.57	0.56	2.83	ppb
Vanadium	51-2	0.20	0.21	0.23	0.21	5.92	ppb
Yttrium	89-1				76		%
Yttrium	89-2				74		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:22:19	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.85	3.05	3.00	2.97	3.41	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	76.63	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	47.35	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:25:53	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.69	8.16	9.47	8.44	10.91	ppb
Antimony	121-1	0.47	0.47	0.40	0.45	8.67	ppb
Arsenic	75-2	2.61	2.74	2.62	2.65	2.75	ppb
Barium	135-1	6.35	6.58	6.17	6.37	3.18	ppb
Barium	137-1	6.62	6.61	6.45	6.56	1.49	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	1.29	ppb
Bismuth	209-1				82		%
Bismuth	209-2				76		%
Boron	10-1	12.29	12.71	12.84	12.61	2.26	ppb
Boron	11-1	13.04	12.79	13.06	12.96	1.14	ppb
Cadmium	111-1	-0.20	-0.12	-0.18	-0.17		ppb
Cadmium	106-1	-2.92	-1.80	-2.56	-2.43		ppb
Cadmium	108-1	0.01	-0.01	0.01	0.01	229.01	ppb
Calcium	43-1	8807.60	8699.20	8759.81	8755.54	0.62	ppb
Calcium	44-1	8852.55	8854.17	8853.81	8853.51	0.01	ppb
Chromium	52-2	0.27	0.27	0.33	0.29	11.94	ppb
Cobalt	59-2	0.08	0.09	0.09	0.08	5.82	ppb
Copper	63-2	0.09	0.12	0.13	0.11	14.66	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				81		%
Holmium	165-2				81		%
Indium	115-1				75		%
Indium	115-2				76		%
Iron	56-2	77.12	75.55	77.90	76.86	1.56	ppb
Iron	57-2	101.33	101.71	99.33	100.79	1.27	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.02	36.15	ppb
Lead	207-1	0.02	0.01	0.02	0.02	24.99	ppb
Lead	208-1	0.02	0.01	0.01	0.02	12.28	ppb
Lithium	6-1				76		%
Magnesium	24-2	3660.13	3667.40	3631.87	3653.13	0.51	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:25:53	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	160.84	159.28	158.24	159.45	0.82	ppb
Molybdenum	94-1	2.33	2.44	2.35	2.37	2.54	ppb
Molybdenum	95-1	3.32	3.28	3.19	3.26	1.99	ppb
Molybdenum	96-1	3.19	3.19	3.22	3.20	0.55	ppb
Molybdenum	97-1	3.31	3.49	3.25	3.35	3.70	ppb
Molybdenum	98-1	3.26	3.20	3.25	3.23	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.30	0.29	0.30	2.87	ppb
Phosphorus	31-2	-22.45	-21.10	-12.04	-18.53		ppb
Potassium	39-2	3571.23	3565.14	3545.35	3560.57	0.38	ppb
Rhodium	103-1				73		%
Rhodium	103-2				74		%
Scandium	45-1				70		%
Scandium	45-2				65		%
Selenium	77-2	0.77	0.76	-0.11	0.47	105.89	ppb
Selenium	78-2	0.37	-0.29	-0.28	-0.07		ppb
Selenium	82-1	0.19	0.48	0.39	0.35	42.06	ppb
Silicon	28-1	927.16	912.36	916.06	918.53	0.84	ppb
Silver	109-1	0.02	0.02	0.01	0.02	7.07	ppb
Silver	107-1	0.01	0.02	0.02	0.02	34.74	ppb
Sodium	23-2	13543.75	13399.48	13333.98	13425.74	0.80	ppb
Strontium	86-1	76.99	79.08	78.56	78.21	1.39	ppb
Strontium	88-1	78.32	78.71	78.95	78.66	0.41	ppb
Sulfur	34-1	3263.77	3256.97	3141.76	3220.84	2.13	ppb
Terbium	159-1				81		%
Terbium	159-2				80		%
Thallium	203-1	0.01	0.02	0.01	0.01	46.06	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	22.80	ppb
Thorium	232-1	0.01	0.00	0.01	0.01	13.28	ppb
Tin	118-1	0.07	0.08	0.07	0.07	5.05	ppb
Titanium	47-1	0.34	0.39	0.37	0.37	6.94	ppb
Uranium	238-1	0.56	0.58	0.55	0.57	2.55	ppb
Vanadium	51-2	0.22	0.20	0.17	0.20	13.73	ppb
Yttrium	89-1				74		%
Yttrium	89-2				73		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:25:53	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.46	2.71	2.52	2.56	5.02	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	28.98	ppb
Zirconium	91-1	0.03	0.05	0.04	0.04	17.39	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	S32-0639LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-12-11 19:29:28	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.21	2.52	1.43	2.05	27.37	ppb
Antimony	121-1	0.05	0.07	0.06	0.06	16.70	ppb
Arsenic	75-2	0.50	0.46	0.46	0.47	5.04	ppb
Barium	135-1	1.11	1.31	1.35	1.25	10.44	ppb
Barium	137-1	1.22	1.26	1.31	1.26	3.53	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	32.34	ppb
Bismuth	209-1				83		%
Bismuth	209-2				83		%
Boron	10-1	5.26	5.56	4.46	5.09	11.14	ppb
Boron	11-1	5.04	4.95	4.92	4.97	1.34	ppb
Cadmium	111-1	-0.14	-0.22	-0.21	-0.19		ppb
Cadmium	106-1	-2.02	-2.98	-2.99	-2.66		ppb
Cadmium	108-1	-0.01	0.08	-0.03	0.01	448.94	ppb
Calcium	43-1	1731.72	1767.89	1747.84	1749.15	1.04	ppb
Calcium	44-1	1743.54	1770.40	1784.50	1766.15	1.18	ppb
Chromium	52-2	0.04	0.09	-0.01	0.04	131.83	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	54.44	ppb
Copper	63-2	0.05	0.03	0.03	0.04	30.40	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				81		%
Holmium	165-2				83		%
Indium	115-1				76		%
Indium	115-2				80		%
Iron	56-2	15.20	15.38	15.20	15.26	0.70	ppb
Iron	57-2	17.33	19.98	20.32	19.21	8.52	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	77.44	ppb
Lead	207-1	0.00	0.00	-0.01	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				77		%
Magnesium	24-2	695.38	729.67	722.02	715.69	2.52	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	S32-0639LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-12-11 19:29:28	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	30.33	31.47	31.05	30.95	1.85	ppb
Molybdenum	94-1	0.50	0.48	0.48	0.48	3.14	ppb
Molybdenum	95-1	0.72	0.66	0.62	0.67	7.62	ppb
Molybdenum	96-1	0.59	0.66	0.65	0.63	6.03	ppb
Molybdenum	97-1	0.57	0.68	0.68	0.64	9.28	ppb
Molybdenum	98-1	0.66	0.67	0.68	0.67	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.06	0.04	0.06	27.71	ppb
Phosphorus	31-2	-32.61	-25.60	-30.69	-29.63		ppb
Potassium	39-2	677.52	714.31	705.85	699.22	2.76	ppb
Rhodium	103-1				74		%
Rhodium	103-2				78		%
Scandium	45-1				72		%
Scandium	45-2				70		%
Selenium	77-2	0.30	-0.11	0.72	0.31	134.84	ppb
Selenium	78-2	-0.01	-0.19	0.07	-0.04		ppb
Selenium	82-1	0.15	-0.18	-0.03	-0.02		ppb
Silicon	28-1	191.97	193.55	193.16	192.89	0.43	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.46	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.81	ppb
Sodium	23-2	2568.31	2626.90	2636.36	2610.52	1.41	ppb
Strontium	86-1	15.33	15.03	15.89	15.42	2.83	ppb
Strontium	88-1	15.38	15.27	15.69	15.44	1.42	ppb
Sulfur	34-1	501.81	454.75	527.51	494.69	7.46	ppb
Terbium	159-1				80		%
Terbium	159-2				83		%
Thallium	203-1	0.00	0.01	0.01	0.01	34.59	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	33.13	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	8.47	ppb
Tin	118-1	0.01	0.02	0.03	0.02	42.79	ppb
Titanium	47-1	0.09	0.11	0.06	0.09	25.29	ppb
Uranium	238-1	0.10	0.11	0.10	0.11	3.71	ppb
Vanadium	51-2	0.02	0.04	0.05	0.03	41.85	ppb
Yttrium	89-1				75		%
Yttrium	89-2				77		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	S32-0639LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-12-11 19:29:28	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.60	0.66	0.82	0.69	16.86	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	169.37	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	46.70	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:33:03	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1820.22	1814.97	1810.13	1815.11	0.28	ppb
Antimony	121-1	103.80	102.49	102.05	102.78	0.89	ppb
Arsenic	75-2	101.84	103.92	102.29	102.68	1.07	ppb
Barium	135-1	501.19	500.23	502.59	501.34	0.24	ppb
Barium	137-1	499.48	500.87	495.15	498.50	0.60	ppb
Beryllium	9-1	103.93	104.11	102.51	103.51	0.85	ppb
Bismuth	209-1				80		%
Bismuth	209-2				74		%
Boron	10-1	102.80	104.57	107.30	104.89	2.16	ppb
Boron	11-1	101.78	105.24	105.79	104.27	2.09	ppb
Cadmium	111-1	105.79	105.50	105.59	105.63	0.14	ppb
Cadmium	106-1	102.66	100.53	104.06	102.42	1.74	ppb
Cadmium	108-1	103.93	102.89	104.89	103.90	0.96	ppb
Calcium	43-1	18304.94	18356.08	18185.86	18282.30	0.48	ppb
Calcium	44-1	18171.92	18074.20	17953.72	18066.61	0.60	ppb
Chromium	52-2	103.21	104.74	104.47	104.14	0.78	ppb
Cobalt	59-2	108.25	109.34	108.52	108.70	0.53	ppb
Copper	63-2	221.60	223.01	225.39	223.33	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				81		%
Holmium	165-2				79		%
Indium	115-1				73		%
Indium	115-2				74		%
Iron	56-2	5568.28	5563.15	5542.74	5558.06	0.24	ppb
Iron	57-2	5587.93	5644.94	5642.47	5625.11	0.57	ppb
Krypton	83-1						cps
Lead	206-1	97.11	97.27	98.97	97.78	1.05	ppb
Lead	207-1	93.74	93.68	94.48	93.97	0.48	ppb
Lead	208-1	95.63	95.52	96.58	95.91	0.61	ppb
Lithium	6-1				75		%
Magnesium	24-2	12826.33	12925.14	12896.74	12882.74	0.39	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:33:03	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	367.46	371.97	368.39	369.27	0.65	ppb
Molybdenum	94-1	507.34	507.70	505.59	506.88	0.22	ppb
Molybdenum	95-1	509.94	505.57	507.68	507.73	0.43	ppb
Molybdenum	96-1	507.00	505.05	503.24	505.10	0.37	ppb
Molybdenum	97-1	502.38	500.65	500.70	501.24	0.20	ppb
Molybdenum	98-1	504.41	502.65	505.68	504.25	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.80	110.70	112.21	111.24	0.76	ppb
Phosphorus	31-2	-15.16	-11.36	-5.90	-10.81		ppb
Potassium	39-2	8121.32	8242.99	8216.24	8193.52	0.78	ppb
Rhodium	103-1				71		%
Rhodium	103-2				73		%
Scandium	45-1				69		%
Scandium	45-2				64		%
Selenium	77-2	102.64	89.15	101.56	97.78	7.67	ppb
Selenium	78-2	101.69	105.58	101.35	102.87	2.29	ppb
Selenium	82-1	108.01	106.37	106.99	107.12	0.77	ppb
Silicon	28-1	1033.03	1031.56	1024.30	1029.63	0.45	ppb
Silver	109-1	99.31	99.58	98.66	99.18	0.47	ppb
Silver	107-1	99.56	98.39	99.48	99.14	0.66	ppb
Sodium	23-2	22375.10	22293.67	22216.91	22295.22	0.35	ppb
Strontium	86-1	180.83	178.89	179.30	179.68	0.57	ppb
Strontium	88-1	178.76	178.89	179.04	178.89	0.08	ppb
Sulfur	34-1	3601.36	3610.00	3467.24	3559.53	2.25	ppb
Terbium	159-1				80		%
Terbium	159-2				78		%
Thallium	203-1	99.05	99.62	98.97	99.21	0.36	ppb
Thallium	205-1	97.70	98.32	99.47	98.50	0.91	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	11.43	ppb
Tin	118-1	99.62	98.81	98.77	99.07	0.48	ppb
Titanium	47-1	494.98	499.68	491.87	495.51	0.79	ppb
Uranium	238-1	92.55	92.84	93.77	93.05	0.68	ppb
Vanadium	51-2	101.78	102.49	103.23	102.50	0.71	ppb
Yttrium	89-1				73		%
Yttrium	89-2				72		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:33:03	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	225.09	227.73	226.94	226.59	0.60	ppb
Zirconium	90-1	100.46	100.44	100.62	100.50	0.10	ppb
Zirconium	91-1	102.58	102.78	101.30	102.22	0.78	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:36:36	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1851.55	1924.28	1831.73	1869.19	2.61	ppb
Antimony	121-1	100.96	101.08	100.08	100.71	0.54	ppb
Arsenic	75-2	106.16	109.90	105.66	107.24	2.16	ppb
Barium	135-1	494.09	495.85	493.92	494.62	0.22	ppb
Barium	137-1	492.16	490.50	490.42	491.03	0.20	ppb
Beryllium	9-1	102.11	101.07	101.65	101.61	0.51	ppb
Bismuth	209-1				79		%
Bismuth	209-2				71		%
Boron	10-1	102.93	107.08	106.34	105.45	2.10	ppb
Boron	11-1	103.30	104.85	106.81	104.99	1.68	ppb
Cadmium	111-1	104.11	104.53	103.14	103.93	0.69	ppb
Cadmium	106-1	99.23	98.54	95.70	97.82	1.91	ppb
Cadmium	108-1	103.14	102.45	102.47	102.69	0.38	ppb
Calcium	43-1	18050.71	18095.74	18122.59	18089.68	0.20	ppb
Calcium	44-1	17986.77	17937.30	17902.16	17942.07	0.24	ppb
Chromium	52-2	105.71	110.04	104.97	106.91	2.56	ppb
Cobalt	59-2	109.68	114.85	110.22	111.58	2.55	ppb
Copper	63-2	225.61	237.70	227.49	230.27	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				80		%
Holmium	165-2				76		%
Indium	115-1				73		%
Indium	115-2				71		%
Iron	56-2	5645.76	5875.94	5636.15	5719.28	2.37	ppb
Iron	57-2	5686.15	5974.39	5715.83	5792.12	2.74	ppb
Krypton	83-1						cps
Lead	206-1	97.51	98.35	97.73	97.86	0.44	ppb
Lead	207-1	92.82	93.11	93.50	93.15	0.36	ppb
Lead	208-1	95.08	95.33	95.86	95.42	0.42	ppb
Lithium	6-1				75		%
Magnesium	24-2	13040.83	13630.67	13018.43	13229.98	2.62	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:36:36	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	374.84	389.72	376.02	380.19	2.18	ppb
Molybdenum	94-1	501.61	499.74	502.50	501.28	0.28	ppb
Molybdenum	95-1	501.24	496.07	505.01	500.78	0.90	ppb
Molybdenum	96-1	494.42	494.94	504.02	497.79	1.08	ppb
Molybdenum	97-1	493.58	496.18	498.09	495.95	0.46	ppb
Molybdenum	98-1	496.73	496.60	503.24	498.86	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.26	118.57	113.25	115.03	2.67	ppb
Phosphorus	31-2	-15.87	-12.67	-15.88	-14.81		ppb
Potassium	39-2	8287.29	8719.81	8349.48	8452.19	2.77	ppb
Rhodium	103-1				70		%
Rhodium	103-2				70		%
Scandium	45-1				69		%
Scandium	45-2				61		%
Selenium	77-2	109.96	111.94	98.35	106.75	6.88	ppb
Selenium	78-2	103.64	112.08	102.81	106.18	4.83	ppb
Selenium	82-1	106.63	105.69	106.32	106.22	0.45	ppb
Silicon	28-1	1020.85	1010.20	1010.57	1013.87	0.60	ppb
Silver	109-1	98.21	99.15	97.46	98.27	0.86	ppb
Silver	107-1	98.49	99.41	99.66	99.19	0.62	ppb
Sodium	23-2	22734.81	23739.04	22689.27	23054.37	2.57	ppb
Strontium	86-1	179.73	176.42	179.01	178.39	0.98	ppb
Strontium	88-1	178.59	177.73	177.85	178.05	0.26	ppb
Sulfur	34-1	3330.48	3253.46	3221.07	3268.34	1.72	ppb
Terbium	159-1				80		%
Terbium	159-2				75		%
Thallium	203-1	98.12	97.64	98.48	98.08	0.43	ppb
Thallium	205-1	97.46	97.43	98.09	97.66	0.38	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	7.50	ppb
Tin	118-1	96.76	97.93	97.93	97.54	0.69	ppb
Titanium	47-1	489.87	487.24	484.03	487.05	0.60	ppb
Uranium	238-1	91.91	92.39	92.80	92.37	0.48	ppb
Vanadium	51-2	103.80	108.75	104.07	105.54	2.64	ppb
Yttrium	89-1				72		%
Yttrium	89-2				69		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:36:36	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	230.61	240.07	230.21	233.63	2.39	ppb
Zirconium	90-1	99.67	99.51	98.91	99.36	0.40	ppb
Zirconium	91-1	100.72	99.89	100.38	100.33	0.42	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:40:10	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49522.32	49409.07	48820.74	49250.71	0.76	ppb
Antimony	121-1	459.43	466.44	470.31	465.40	1.18	ppb
Arsenic	75-2	470.02	466.00	460.02	465.35	1.08	ppb
Barium	135-1	2471.20	2466.77	2478.58	2472.18	0.24	ppb
Barium	137-1	2477.99	2453.88	2473.21	2468.36	0.52	ppb
Beryllium	9-1	503.60	509.19	512.10	508.30	0.85	ppb
Bismuth	209-1				72		%
Bismuth	209-2				68		%
Boron	10-1	479.74	495.24	506.57	493.85	2.73	ppb
Boron	11-1	477.24	486.57	505.89	489.90	2.98	ppb
Cadmium	111-1	448.43	455.97	456.24	453.55	0.98	ppb
Cadmium	106-1	458.12	462.21	456.76	459.03	0.62	ppb
Cadmium	108-1	455.52	463.89	459.87	459.76	0.91	ppb
Calcium	43-1	230904.69	234207.01	229957.00	231689.56	0.96	ppb
Calcium	44-1	231694.73	235180.15	232738.09	233204.32	0.77	ppb
Chromium	52-2	512.76	516.85	505.22	511.61	1.15	ppb
Cobalt	59-2	497.80	495.70	488.53	494.01	0.98	ppb
Copper	63-2	1047.57	1052.29	1039.94	1046.60	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				81		%
Holmium	165-2				81		%
Indium	115-1				70		%
Indium	115-2				74		%
Iron	56-2	130621.93	130124.73	127607.51	129451.39	1.25	ppb
Iron	57-2	130941.13	129593.54	127652.48	129395.72	1.28	ppb
Krypton	83-1						cps
Lead	206-1	495.32	512.13	509.10	505.52	1.77	ppb
Lead	207-1	494.83	507.93	509.33	504.03	1.59	ppb
Lead	208-1	500.88	510.64	508.41	506.65	1.01	ppb
Lithium	6-1				73		%
Magnesium	24-2	239470.00	237328.91	236714.51	237837.81	0.61	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:40:10	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.92	1000.86	978.87	991.55	1.15	ppb
Molybdenum	94-1	2532.04	2579.07	2547.65	2552.92	0.94	ppb
Molybdenum	95-1	2561.43	2591.50	2539.30	2564.08	1.02	ppb
Molybdenum	96-1	2558.07	2561.43	2534.93	2551.48	0.57	ppb
Molybdenum	97-1	2538.25	2568.49	2536.05	2547.60	0.71	ppb
Molybdenum	98-1	2546.64	2563.48	2558.26	2556.13	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.62	496.94	483.27	490.94	1.42	ppb
Phosphorus	31-2	9505.37	9646.43	9580.66	9577.49	0.74	ppb
Potassium	39-2	120119.88	119918.82	118358.64	119465.78	0.81	ppb
Rhodium	103-1				64		%
Rhodium	103-2				69		%
Scandium	45-1				70		%
Scandium	45-2				72		%
Selenium	77-2	493.97	492.72	477.22	487.97	1.91	ppb
Selenium	78-2	491.16	478.91	485.68	485.25	1.26	ppb
Selenium	82-1	489.40	495.15	491.56	492.04	0.59	ppb
Silicon	28-1	571.42	588.17	587.44	582.34	1.63	ppb
Silver	109-1	440.98	448.85	448.84	446.22	1.02	ppb
Silver	107-1	442.42	452.24	450.53	448.40	1.17	ppb
Sodium	23-2	233737.16	234471.60	230629.05	232945.94	0.88	ppb
Strontium	86-1	503.30	511.19	505.14	506.54	0.81	ppb
Strontium	88-1	497.29	500.28	500.14	499.24	0.34	ppb
Sulfur	34-1	9556.19	9711.18	9488.02	9585.13	1.19	ppb
Terbium	159-1				80		%
Terbium	159-2				79		%
Thallium	203-1	505.68	520.55	515.87	514.03	1.48	ppb
Thallium	205-1	515.66	514.47	516.91	515.68	0.24	ppb
Thorium	232-1	518.18	524.54	516.85	519.86	0.79	ppb
Tin	118-1	477.81	489.09	488.72	485.21	1.32	ppb
Titanium	47-1	2529.18	2567.04	2531.15	2542.46	0.84	ppb
Uranium	238-1	512.65	520.28	509.03	513.98	1.12	ppb
Vanadium	51-2	507.90	508.97	499.82	505.57	0.99	ppb
Yttrium	89-1				72		%
Yttrium	89-2				76		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:40:10	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1078.27	1088.48	1071.57	1079.44	0.79	ppb
Zirconium	90-1	511.25	515.85	506.30	511.13	0.93	ppb
Zirconium	91-1	510.67	521.20	511.35	514.41	1.14	ppb

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : CCB87 Instrumnet Name : P7
 Client Sample ID : CCB87 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 19:43:50 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.71	0.77	0.31	0.60	42.05	ppb
Antimony	121-1	0.19	0.20	0.18	0.19	5.35	ppb
Arsenic	75-2	0.04	0.02	0.01	0.02	62.76	ppb
Barium	135-1	0.07	0.04	0.04	0.05	39.51	ppb
Barium	137-1	0.03	0.04	0.03	0.04	8.88	ppb
Beryllium	9-1	0.06	0.08	0.05	0.06	25.08	ppb
Bismuth	209-1				85		%
Bismuth	209-2				85		%
Boron	10-1	17.07	15.71	14.11	15.63	9.47	ppb
Boron	11-1	16.24	14.70	13.82	14.92	8.21	ppb
Cadmium	111-1	-0.14	-0.11	-0.10	-0.12		ppb
Cadmium	106-1	-2.41	-2.08	-1.70	-2.06		ppb
Cadmium	108-1	-0.01	0.01	0.01	0.00	320.10	ppb
Calcium	43-1	4.62	2.72	3.68	3.67	25.94	ppb
Calcium	44-1	3.11	3.60	3.89	3.54	11.19	ppb
Chromium	52-2	-0.01	0.01	0.02	0.01	172.66	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.06	0.04	0.04	0.05	25.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				85		%
Indium	115-1				78		%
Indium	115-2				83		%
Iron	56-2	2.12	1.84	1.64	1.86	12.93	ppb
Iron	57-2	1.94	2.79	1.68	2.13	27.24	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.02	16.20	ppb
Lead	207-1	0.01	0.02	0.01	0.01	9.71	ppb
Lead	208-1	0.01	0.01	0.01	0.01	9.68	ppb
Lithium	6-1				82		%
Magnesium	24-2	3.76	3.54	2.99	3.43	11.59	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P7
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:43:50	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.03	0.02	20.49	ppb
Molybdenum	94-1	0.36	0.33	0.35	0.34	3.95	ppb
Molybdenum	95-1	0.47	0.43	0.40	0.44	8.22	ppb
Molybdenum	96-1	0.52	0.43	0.37	0.44	17.45	ppb
Molybdenum	97-1	0.52	0.43	0.37	0.44	17.23	ppb
Molybdenum	98-1	0.55	0.45	0.37	0.45	19.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-29.96	-31.81	-36.43	-32.74		ppb
Potassium	39-2	1.31	-1.14	-0.53	-0.12		ppb
Rhodium	103-1				77		%
Rhodium	103-2				81		%
Scandium	45-1				76		%
Scandium	45-2				74		%
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	-0.18	0.01	-0.26	-0.14		ppb
Selenium	82-1	0.02	-0.12	0.17	0.03	562.32	ppb
Silicon	28-1	0.67	0.53	-0.14	0.35	121.97	ppb
Silver	109-1	0.03	0.02	0.03	0.03	11.34	ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.51	ppb
Sodium	23-2	16.74	15.27	13.64	15.21	10.20	ppb
Strontium	86-1	0.02	-0.01	0.01	0.01	180.18	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	4.83	ppb
Sulfur	34-1	-406.56	-423.93	-414.57	-415.02		ppb
Terbium	159-1				83		%
Terbium	159-2				84		%
Thallium	203-1	0.10	0.09	0.08	0.09	11.59	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	9.41	ppb
Thorium	232-1	0.05	0.04	0.04	0.05	14.85	ppb
Tin	118-1	0.08	0.05	0.05	0.06	32.28	ppb
Titanium	47-1	0.06	0.03	0.08	0.06	47.44	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	21.20	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	54.08	ppb
Yttrium	89-1				78		%
Yttrium	89-2				80		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P7
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:43:50	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.13	0.10	0.00	0.07	94.19	ppb
Zirconium	90-1	0.03	0.01	0.03	0.02	30.26	ppb
Zirconium	91-1	0.03	0.02	0.05	0.03	49.83	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:47:23	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1837.51	1843.41	1832.76	1837.89	0.29	ppb
Antimony	121-1	103.50	104.26	104.80	104.19	0.63	ppb
Arsenic	75-2	103.87	104.13	103.85	103.95	0.15	ppb
Barium	135-1	500.80	503.81	507.67	504.10	0.68	ppb
Barium	137-1	498.74	502.81	504.40	501.99	0.58	ppb
Beryllium	9-1	104.70	104.45	105.35	104.84	0.44	ppb
Bismuth	209-1				84		%
Bismuth	209-2				78		%
Boron	10-1	108.69	111.69	108.95	109.78	1.51	ppb
Boron	11-1	109.49	111.28	110.31	110.36	0.81	ppb
Cadmium	111-1	106.10	106.65	106.71	106.48	0.32	ppb
Cadmium	106-1	105.24	101.07	101.61	102.64	2.21	ppb
Cadmium	108-1	105.62	104.21	104.24	104.69	0.77	ppb
Calcium	43-1	18108.15	18346.50	18381.15	18278.60	0.81	ppb
Calcium	44-1	18079.56	18056.96	18083.48	18073.33	0.08	ppb
Chromium	52-2	103.39	103.84	103.15	103.46	0.34	ppb
Cobalt	59-2	108.48	108.07	107.36	107.97	0.52	ppb
Copper	63-2	222.32	221.31	220.35	221.33	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				84		%
Indium	115-1				79		%
Indium	115-2				80		%
Iron	56-2	5554.56	5538.01	5514.80	5535.79	0.36	ppb
Iron	57-2	5603.05	5565.76	5585.92	5584.91	0.33	ppb
Krypton	83-1						cps
Lead	206-1	96.74	98.67	98.22	97.88	1.03	ppb
Lead	207-1	93.18	92.46	94.09	93.24	0.88	ppb
Lead	208-1	94.99	95.41	96.44	95.61	0.78	ppb
Lithium	6-1				83		%
Magnesium	24-2	13051.57	12955.62	12895.36	12967.52	0.61	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:47:23	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	365.33	365.38	366.41	365.71	0.17	ppb
Molybdenum	94-1	512.13	501.55	504.00	505.89	1.10	ppb
Molybdenum	95-1	508.25	500.59	503.36	504.07	0.77	ppb
Molybdenum	96-1	504.48	498.77	502.68	501.98	0.58	ppb
Molybdenum	97-1	497.73	494.22	499.84	497.26	0.57	ppb
Molybdenum	98-1	504.73	504.36	503.54	504.21	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.58	110.20	109.68	109.82	0.30	ppb
Phosphorus	31-2	-18.50	-15.47	-9.10	-14.36		ppb
Potassium	39-2	8278.32	8303.32	8281.92	8287.86	0.16	ppb
Rhodium	103-1				77		%
Rhodium	103-2				79		%
Scandium	45-1				77		%
Scandium	45-2				72		%
Selenium	77-2	98.76	102.29	103.79	101.61	2.54	ppb
Selenium	78-2	100.00	106.52	105.26	103.93	3.32	ppb
Selenium	82-1	107.81	107.90	107.95	107.89	0.07	ppb
Silicon	28-1	1042.34	1040.35	1032.39	1038.36	0.51	ppb
Silver	109-1	99.15	101.30	100.74	100.40	1.11	ppb
Silver	107-1	100.46	100.87	101.00	100.77	0.28	ppb
Sodium	23-2	22710.51	22495.32	22325.22	22510.35	0.86	ppb
Strontium	86-1	180.72	181.57	179.93	180.74	0.45	ppb
Strontium	88-1	178.76	179.06	179.17	179.00	0.12	ppb
Sulfur	34-1	3201.94	3116.33	3035.53	3117.93	2.67	ppb
Terbium	159-1				86		%
Terbium	159-2				83		%
Thallium	203-1	99.09	98.32	98.77	98.73	0.39	ppb
Thallium	205-1	97.61	98.87	99.90	98.79	1.16	ppb
Thorium	232-1	0.05	0.06	0.05	0.06	4.56	ppb
Tin	118-1	99.93	101.11	100.56	100.53	0.58	ppb
Titanium	47-1	496.20	489.68	496.33	494.07	0.77	ppb
Uranium	238-1	91.33	92.17	92.85	92.12	0.83	ppb
Vanadium	51-2	102.91	102.10	102.27	102.42	0.42	ppb
Yttrium	89-1				80		%
Yttrium	89-2				79		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:47:23	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	225.26	220.48	221.75	222.50	1.11	ppb
Zirconium	90-1	100.70	101.12	100.85	100.89	0.21	ppb
Zirconium	91-1	102.37	101.33	100.81	101.50	0.78	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0640DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:50:57	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.36	15.77	16.61	16.92	7.79	ppb
Antimony	121-1	0.71	0.72	0.63	0.69	7.26	ppb
Arsenic	75-2	2.10	1.93	2.23	2.08	7.11	ppb
Barium	135-1	14.58	14.67	14.99	14.74	1.46	ppb
Barium	137-1	14.82	14.70	14.48	14.67	1.16	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	15.64	ppb
Bismuth	209-1				83		%
Bismuth	209-2				76		%
Boron	10-1	14.28	14.19	14.66	14.38	1.74	ppb
Boron	11-1	14.54	14.51	14.09	14.38	1.75	ppb
Cadmium	111-1	-0.15	-0.19	-0.15	-0.16		ppb
Cadmium	106-1	-2.42	-3.00	-2.59	-2.67		ppb
Cadmium	108-1	-0.01	0.05	-0.01	0.01	333.41	ppb
Calcium	43-1	15729.23	15690.84	15852.87	15757.64	0.54	ppb
Calcium	44-1	15847.48	15780.19	15877.55	15835.07	0.31	ppb
Chromium	52-2	0.21	0.26	0.25	0.24	11.74	ppb
Cobalt	59-2	0.34	0.35	0.34	0.34	2.05	ppb
Copper	63-2	0.58	0.56	0.54	0.56	3.66	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				83		%
Holmium	165-2				82		%
Indium	115-1				77		%
Indium	115-2				78		%
Iron	56-2	1423.93	1418.55	1431.14	1424.54	0.44	ppb
Iron	57-2	1524.04	1482.28	1535.50	1513.94	1.85	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.07	0.07	14.15	ppb
Lead	207-1	0.05	0.05	0.05	0.05	4.14	ppb
Lead	208-1	0.05	0.05	0.06	0.05	8.33	ppb
Lithium	6-1				80		%
Magnesium	24-2	2074.56	2062.97	2108.92	2082.15	1.15	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0640DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:50:57	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	304.10	299.48	304.27	302.62	0.90	ppb
Molybdenum	94-1	0.58	0.61	0.64	0.61	5.27	ppb
Molybdenum	95-1	0.75	0.77	0.77	0.76	1.19	ppb
Molybdenum	96-1	0.79	0.72	0.72	0.75	5.69	ppb
Molybdenum	97-1	0.78	0.75	0.75	0.76	2.46	ppb
Molybdenum	98-1	0.77	0.72	0.72	0.74	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.47	0.52	0.51	5.99	ppb
Phosphorus	31-2	-25.42	-23.81	-15.24	-21.49		ppb
Potassium	39-2	2616.01	2606.71	2626.01	2616.25	0.37	ppb
Rhodium	103-1				75		%
Rhodium	103-2				77		%
Scandium	45-1				74		%
Scandium	45-2				68		%
Selenium	77-2	0.31	1.14	-0.11	0.45	141.23	ppb
Selenium	78-2	0.50	1.04	0.43	0.66	50.67	ppb
Selenium	82-1	0.20	0.42	0.49	0.37	40.03	ppb
Silicon	28-1	988.29	989.70	986.91	988.30	0.14	ppb
Silver	109-1	0.04	0.04	0.03	0.04	20.28	ppb
Silver	107-1	0.04	0.04	0.04	0.04	5.81	ppb
Sodium	23-2	11343.49	11136.58	11168.39	11216.16	0.99	ppb
Strontium	86-1	153.86	151.95	153.67	153.16	0.69	ppb
Strontium	88-1	153.62	151.39	151.30	152.10	0.86	ppb
Sulfur	34-1	6577.43	6623.27	6582.13	6594.28	0.38	ppb
Terbium	159-1				83		%
Terbium	159-2				81		%
Thallium	203-1	0.10	0.07	0.08	0.08	17.60	ppb
Thallium	205-1	0.09	0.08	0.07	0.08	15.56	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	15.93	ppb
Tin	118-1	0.17	0.12	0.15	0.15	14.29	ppb
Titanium	47-1	0.67	0.62	0.64	0.65	3.84	ppb
Uranium	238-1	0.24	0.24	0.24	0.24	1.11	ppb
Vanadium	51-2	0.15	0.14	0.17	0.15	8.98	ppb
Yttrium	89-1				77		%
Yttrium	89-2				76		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0640DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:50:57	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.11	2.09	1.99	2.06	3.19	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	18.42	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	19.43	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-03DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0641DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:54:31	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.66	34.94	36.62	35.41	2.99	ppb
Antimony	121-1	0.61	0.58	0.59	0.59	2.11	ppb
Arsenic	75-2	3.94	3.76	3.98	3.89	3.10	ppb
Barium	135-1	10.39	9.86	9.91	10.05	2.90	ppb
Barium	137-1	10.17	9.99	9.91	10.03	1.34	ppb
Beryllium	9-1	0.02	0.03	0.02	0.03	22.09	ppb
Bismuth	209-1				82		%
Bismuth	209-2				76		%
Boron	10-1	8.58	9.18	9.33	9.03	4.35	ppb
Boron	11-1	8.96	8.82	8.98	8.92	1.01	ppb
Cadmium	111-1	-0.13	-0.15	-0.20	-0.16		ppb
Cadmium	106-1	-2.04	-2.35	-2.92	-2.44		ppb
Cadmium	108-1	0.01	0.01	0.06	0.03	92.08	ppb
Calcium	43-1	10858.91	10765.98	10810.14	10811.67	0.43	ppb
Calcium	44-1	10901.55	10906.82	10945.66	10918.01	0.22	ppb
Chromium	52-2	0.47	0.42	0.41	0.43	7.73	ppb
Cobalt	59-2	3.20	3.26	3.21	3.22	0.94	ppb
Copper	63-2	0.29	0.33	0.30	0.31	6.91	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				81		%
Holmium	165-2				80		%
Indium	115-1				75		%
Indium	115-2				77		%
Iron	56-2	6245.88	6134.27	6063.99	6148.05	1.49	ppb
Iron	57-2	6170.21	6172.88	6092.57	6145.22	0.74	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.10	0.09	5.22	ppb
Lead	207-1	0.09	0.07	0.08	0.08	9.89	ppb
Lead	208-1	0.08	0.08	0.09	0.08	3.48	ppb
Lithium	6-1				77		%
Magnesium	24-2	1434.96	1430.69	1424.13	1429.93	0.38	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-03DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0641DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:54:31	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2560.69	2548.76	2546.43	2551.96	0.30	ppb
Molybdenum	94-1	0.52	0.50	0.59	0.54	8.10	ppb
Molybdenum	95-1	0.66	0.75	0.69	0.70	6.00	ppb
Molybdenum	96-1	0.67	0.67	0.72	0.69	3.96	ppb
Molybdenum	97-1	0.67	0.61	0.70	0.66	6.92	ppb
Molybdenum	98-1	0.66	0.68	0.70	0.68	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.89	1.91	2.02	1.94	3.46	ppb
Phosphorus	31-2	-17.80	-18.05	-19.81	-18.56		ppb
Potassium	39-2	849.23	851.52	853.04	851.26	0.23	ppb
Rhodium	103-1				73		%
Rhodium	103-2				75		%
Scandium	45-1				72		%
Scandium	45-2				67		%
Selenium	77-2	0.33	0.75	0.75	0.61	40.17	ppb
Selenium	78-2	-0.08	0.40	0.55	0.29	112.13	ppb
Selenium	82-1	0.07	0.65	0.09	0.27	121.17	ppb
Silicon	28-1	1204.51	1204.59	1207.14	1205.41	0.12	ppb
Silver	109-1	0.03	0.03	0.03	0.03	4.22	ppb
Silver	107-1	0.02	0.03	0.03	0.03	16.95	ppb
Sodium	23-2	5939.17	5957.30	5889.76	5928.74	0.59	ppb
Strontium	86-1	38.78	38.16	38.58	38.50	0.82	ppb
Strontium	88-1	38.69	38.42	38.83	38.65	0.54	ppb
Sulfur	34-1	3870.79	3864.53	3867.26	3867.52	0.08	ppb
Terbium	159-1				81		%
Terbium	159-2				79		%
Thallium	203-1	0.05	0.04	0.05	0.04	14.32	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	14.28	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	4.39	ppb
Tin	118-1	0.14	0.13	0.13	0.13	3.83	ppb
Titanium	47-1	1.52	1.67	1.43	1.54	7.91	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	4.18	ppb
Vanadium	51-2	0.47	0.45	0.40	0.44	8.26	ppb
Yttrium	89-1				76		%
Yttrium	89-2				74		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-03DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0641DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:54:31	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.16	4.33	4.41	4.30	2.94	ppb
Zirconium	90-1	0.03	0.05	0.05	0.04	18.60	ppb
Zirconium	91-1	0.04	0.05	0.06	0.05	20.18	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0642DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:58:06	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.93	55.98	54.05	54.99	1.75	ppb
Antimony	121-1	0.63	0.58	0.53	0.58	8.11	ppb
Arsenic	75-2	4.15	4.57	4.49	4.40	5.04	ppb
Barium	135-1	10.19	10.30	10.37	10.29	0.90	ppb
Barium	137-1	10.24	10.03	10.57	10.28	2.63	ppb
Beryllium	9-1	0.05	0.04	0.02	0.03	36.70	ppb
Bismuth	209-1				81		%
Bismuth	209-2				75		%
Boron	10-1	7.78	7.25	7.72	7.59	3.81	ppb
Boron	11-1	7.66	7.90	7.34	7.63	3.70	ppb
Cadmium	111-1	-0.15	-0.11	-0.18	-0.15		ppb
Cadmium	106-1	-2.34	-1.70	-2.58	-2.21		ppb
Cadmium	108-1	0.06	0.03	0.08	0.06	38.30	ppb
Calcium	43-1	10800.60	10738.56	10658.26	10732.47	0.66	ppb
Calcium	44-1	10868.88	10807.77	10820.74	10832.46	0.30	ppb
Chromium	52-2	0.73	0.76	0.85	0.78	7.89	ppb
Cobalt	59-2	3.27	3.49	3.28	3.35	3.58	ppb
Copper	63-2	0.34	0.36	0.35	0.35	3.25	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				81		%
Holmium	165-2				80		%
Indium	115-1				75		%
Indium	115-2				76		%
Iron	56-2	6545.22	6498.29	6450.24	6497.92	0.73	ppb
Iron	57-2	6534.04	6520.29	6382.19	6478.84	1.30	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.09	0.10	0.10	5.01	ppb
Lead	207-1	0.10	0.10	0.09	0.10	9.24	ppb
Lead	208-1	0.10	0.10	0.09	0.10	3.52	ppb
Lithium	6-1				76		%
Magnesium	24-2	1449.82	1440.71	1428.23	1439.59	0.75	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0642DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:58:06	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2549.06	2557.52	2548.44	2551.67	0.20	ppb
Molybdenum	94-1	0.61	0.61	0.56	0.59	4.75	ppb
Molybdenum	95-1	0.83	0.75	0.83	0.80	5.49	ppb
Molybdenum	96-1	0.82	0.80	0.75	0.79	4.51	ppb
Molybdenum	97-1	0.73	0.69	0.77	0.73	5.40	ppb
Molybdenum	98-1	0.72	0.75	0.75	0.74	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.09	1.91	1.94	1.98	4.93	ppb
Phosphorus	31-2	-22.76	-17.82	-24.92	-21.83		ppb
Potassium	39-2	860.05	854.27	847.94	854.09	0.71	ppb
Rhodium	103-1				73		%
Rhodium	103-2				75		%
Scandium	45-1				71		%
Scandium	45-2				66		%
Selenium	77-2	0.76	0.32	0.32	0.47	54.22	ppb
Selenium	78-2	0.28	-0.03	0.54	0.26	107.28	ppb
Selenium	82-1	0.37	0.24	0.47	0.36	31.64	ppb
Silicon	28-1	1229.32	1242.91	1230.30	1234.18	0.61	ppb
Silver	109-1	0.04	0.03	0.02	0.03	36.92	ppb
Silver	107-1	0.03	0.01	0.03	0.02	35.41	ppb
Sodium	23-2	5936.14	5909.38	5872.20	5905.90	0.54	ppb
Strontium	86-1	38.63	38.15	37.98	38.26	0.89	ppb
Strontium	88-1	38.85	38.31	38.71	38.63	0.73	ppb
Sulfur	34-1	3808.05	3846.78	3830.58	3828.47	0.51	ppb
Terbium	159-1				80		%
Terbium	159-2				79		%
Thallium	203-1	0.05	0.03	0.03	0.04	36.51	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	9.65	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	7.60	ppb
Tin	118-1	0.15	0.18	0.15	0.16	10.64	ppb
Titanium	47-1	2.85	2.75	3.07	2.89	5.63	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	0.70	ppb
Vanadium	51-2	0.50	0.46	0.51	0.49	5.16	ppb
Yttrium	89-1				75		%
Yttrium	89-2				74		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0642DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:58:06	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.53	4.54	4.64	4.57	1.36	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	6.82	ppb
Zirconium	91-1	0.06	0.04	0.06	0.05	21.55	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-05DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2018-3DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:01:41	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.57	0.86	1.16	1.20	29.72	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	15.20	ppb
Arsenic	75-2	0.00	0.03	0.03	0.02	77.42	ppb
Barium	135-1	0.03	0.02	0.04	0.03	28.46	ppb
Barium	137-1	0.02	0.02	0.01	0.02	13.16	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	75.59	ppb
Bismuth	209-1				83		%
Bismuth	209-2				82		%
Boron	10-1	2.91	2.42	2.69	2.67	9.17	ppb
Boron	11-1	2.51	2.37	2.54	2.48	3.65	ppb
Cadmium	111-1	-0.13	-0.19	-0.15	-0.16		ppb
Cadmium	106-1	-1.85	-2.62	-2.10	-2.19		ppb
Cadmium	108-1	-0.03	0.01	0.03	0.01	643.52	ppb
Calcium	43-1	12.74	12.31	14.54	13.20	8.94	ppb
Calcium	44-1	11.27	11.83	12.08	11.72	3.50	ppb
Chromium	52-2	0.00	0.01	-0.01	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.27	0.26	0.29	0.27	5.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				81		%
Holmium	165-2				84		%
Indium	115-1				78		%
Indium	115-2				83		%
Iron	56-2	2.50	2.57	2.42	2.50	2.86	ppb
Iron	57-2	2.45	3.67	1.49	2.54	43.13	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.02	0.03	26.72	ppb
Lead	207-1	0.02	0.02	0.03	0.02	26.93	ppb
Lead	208-1	0.02	0.02	0.02	0.02	5.41	ppb
Lithium	6-1				79		%
Magnesium	24-2	1.00	1.16	1.58	1.25	24.00	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-05DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2018-3DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:01:41	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.81	0.82	0.75	0.79	4.84	ppb
Molybdenum	94-1	0.03	0.03	0.02	0.03	15.16	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.02	36.84	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	6.49	ppb
Molybdenum	97-1	0.00	0.02	0.01	0.01	66.84	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	7.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.08	0.13	0.10	27.89	ppb
Phosphorus	31-2	-25.25	-39.43	-27.06	-30.58		ppb
Potassium	39-2	11.91	13.63	8.61	11.38	22.39	ppb
Rhodium	103-1				77		%
Rhodium	103-2				81		%
Scandium	45-1				75		%
Scandium	45-2				74		%
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	-0.24	-0.38	0.34	-0.09		ppb
Selenium	82-1	-0.15	0.20	0.10	0.05	335.69	ppb
Silicon	28-1	-3.39	-2.91	-2.85	-3.05		ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.77	ppb
Silver	107-1	0.01	0.01	0.00	0.01	46.23	ppb
Sodium	23-2	25.19	24.76	24.52	24.83	1.38	ppb
Strontium	86-1	0.01	0.07	0.04	0.04	78.40	ppb
Strontium	88-1	0.04	0.05	0.05	0.05	7.73	ppb
Sulfur	34-1	-542.62	-508.12	-501.98	-517.57		ppb
Terbium	159-1				81		%
Terbium	159-2				83		%
Thallium	203-1	0.01	0.00	0.01	0.01	94.95	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.45	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	18.20	ppb
Tin	118-1	0.02	0.02	0.03	0.02	17.10	ppb
Titanium	47-1	0.08	0.06	0.02	0.05	53.49	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	28.77	ppb
Yttrium	89-1				78		%
Yttrium	89-2				80		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-05DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2018-3DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:01:41	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.97	1.83	2.21	2.00	9.70	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	67.55	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	34.52	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-01DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0643DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:05:16	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	712.04	705.66	729.11	715.60	1.69	ppb
Antimony	121-1	0.49	0.47	0.54	0.50	6.95	ppb
Arsenic	75-2	2.80	2.72	2.95	2.82	4.05	ppb
Barium	135-1	4.04	4.32	3.97	4.11	4.57	ppb
Barium	137-1	4.07	4.29	4.17	4.18	2.67	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	40.61	ppb
Bismuth	209-1				80		%
Bismuth	209-2				74		%
Boron	10-1	9.71	9.60	9.30	9.54	2.24	ppb
Boron	11-1	9.63	9.81	9.62	9.68	1.11	ppb
Cadmium	111-1	-0.21	-0.22	-0.25	-0.23		ppb
Cadmium	106-1	-3.07	-3.10	-3.46	-3.21		ppb
Cadmium	108-1	0.15	0.08	0.08	0.10	38.14	ppb
Calcium	43-1	20793.93	21093.47	20629.19	20838.86	1.13	ppb
Calcium	44-1	21089.65	21100.08	20737.10	20975.61	0.99	ppb
Chromium	52-2	0.24	0.24	0.24	0.24	0.75	ppb
Cobalt	59-2	0.09	0.09	0.10	0.09	3.92	ppb
Copper	63-2	0.16	0.16	0.20	0.17	11.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				80		%
Holmium	165-2				79		%
Indium	115-1				74		%
Indium	115-2				75		%
Iron	56-2	38.83	38.36	38.75	38.65	0.66	ppb
Iron	57-2	91.41	83.15	87.23	87.26	4.73	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	9.64	ppb
Lead	207-1	0.02	0.02	0.03	0.02	27.83	ppb
Lead	208-1	0.02	0.02	0.02	0.02	14.91	ppb
Lithium	6-1				76		%
Magnesium	24-2	101.58	100.19	101.40	101.06	0.75	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-01DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0643DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:05:16	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.36	2.30	2.29	2.31	1.64	ppb
Molybdenum	94-1	7.80	8.30	7.76	7.95	3.79	ppb
Molybdenum	95-1	11.00	11.33	11.10	11.14	1.51	ppb
Molybdenum	96-1	10.84	10.74	10.77	10.78	0.47	ppb
Molybdenum	97-1	11.21	11.18	11.02	11.13	0.92	ppb
Molybdenum	98-1	11.01	11.47	10.83	11.10	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.68	21.14	21.52	21.45	1.30	ppb
Phosphorus	31-2	-3.34	-11.08	-7.32	-7.25		ppb
Potassium	39-2	1999.45	1990.95	1987.84	1992.75	0.30	ppb
Rhodium	103-1				72		%
Rhodium	103-2				74		%
Scandium	45-1				71		%
Scandium	45-2				66		%
Selenium	77-2	0.33	0.32	-0.11	0.18	136.59	ppb
Selenium	78-2	0.15	-0.22	0.14	0.02	957.45	ppb
Selenium	82-1	0.14	0.43	0.21	0.26	56.69	ppb
Silicon	28-1	787.24	793.51	778.62	786.46	0.95	ppb
Silver	109-1	0.02	0.01	0.02	0.02	20.35	ppb
Silver	107-1	0.02	0.02	0.02	0.02	1.32	ppb
Sodium	23-2	19640.43	19272.06	19324.65	19412.38	1.03	ppb
Strontium	86-1	398.69	405.46	395.31	399.82	1.29	ppb
Strontium	88-1	402.30	403.92	397.58	401.27	0.82	ppb
Sulfur	34-1	4644.93	4814.40	4635.11	4698.15	2.15	ppb
Terbium	159-1				79		%
Terbium	159-2				79		%
Thallium	203-1	0.03	0.03	0.02	0.03	15.24	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.49	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	14.12	ppb
Tin	118-1	0.13	0.13	0.12	0.13	4.77	ppb
Titanium	47-1	0.70	0.65	0.78	0.71	8.82	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.75	ppb
Vanadium	51-2	0.65	0.59	0.57	0.60	6.64	ppb
Yttrium	89-1				75		%
Yttrium	89-2				73		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-01DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0643DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:05:16	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.05	2.65	3.09	2.93	8.28	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	28.76	ppb
Zirconium	91-1	0.03	0.00	0.04	0.02	107.41	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0644DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:08:50	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	475.73	482.90	484.60	481.07	0.98	ppb
Antimony	121-1	0.54	0.49	0.49	0.51	5.30	ppb
Arsenic	75-2	0.89	0.93	0.80	0.87	7.58	ppb
Barium	135-1	4.71	4.94	5.04	4.90	3.47	ppb
Barium	137-1	5.00	4.85	4.86	4.90	1.63	ppb
Beryllium	9-1	0.01	0.02	0.02	0.01	27.19	ppb
Bismuth	209-1				80		%
Bismuth	209-2				74		%
Boron	10-1	5.27	5.66	5.64	5.52	4.01	ppb
Boron	11-1	5.53	5.32	5.72	5.52	3.68	ppb
Cadmium	111-1	-0.17	-0.15	-0.19	-0.17		ppb
Cadmium	106-1	-2.42	-2.24	-2.79	-2.49		ppb
Cadmium	108-1	0.15	0.01	-0.03	0.04	211.79	ppb
Calcium	43-1	36177.72	35798.45	35728.25	35901.47	0.67	ppb
Calcium	44-1	36168.17	36081.40	36217.60	36155.72	0.19	ppb
Chromium	52-2	0.26	0.27	0.25	0.26	3.81	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	5.23	ppb
Copper	63-2	1.11	1.13	1.09	1.11	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				80		%
Holmium	165-2				79		%
Indium	115-1				74		%
Indium	115-2				75		%
Iron	56-2	21.64	21.56	21.38	21.53	0.61	ppb
Iron	57-2	110.87	103.74	106.31	106.98	3.37	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.03	0.04	18.33	ppb
Lead	207-1	0.02	0.02	0.03	0.02	37.77	ppb
Lead	208-1	0.03	0.03	0.03	0.03	8.12	ppb
Lithium	6-1				75		%
Magnesium	24-2	77.81	80.21	82.48	80.17	2.91	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0644DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:08:50	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.52	0.41	0.49	0.47	11.54	ppb
Molybdenum	94-1	6.31	6.46	6.03	6.27	3.51	ppb
Molybdenum	95-1	9.16	9.10	8.84	9.04	1.90	ppb
Molybdenum	96-1	8.47	8.49	8.51	8.49	0.22	ppb
Molybdenum	97-1	9.05	8.93	9.04	9.01	0.78	ppb
Molybdenum	98-1	8.88	9.04	9.15	9.02	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.22	2.21	2.44	2.29	5.71	ppb
Phosphorus	31-2	-27.96	-33.34	-33.27	-31.52		ppb
Potassium	39-2	1437.11	1424.14	1437.36	1432.87	0.53	ppb
Rhodium	103-1				72		%
Rhodium	103-2				73		%
Scandium	45-1				70		%
Scandium	45-2				65		%
Selenium	77-2	-0.11	0.33	0.33	0.19	135.79	ppb
Selenium	78-2	0.45	-0.13	0.02	0.11	271.38	ppb
Selenium	82-1	0.38	0.09	0.54	0.34	68.00	ppb
Silicon	28-1	689.03	660.14	654.59	667.92	2.77	ppb
Silver	109-1	0.02	0.02	0.02	0.02	20.12	ppb
Silver	107-1	0.02	0.03	0.02	0.02	25.93	ppb
Sodium	23-2	13517.94	13420.22	13405.41	13447.86	0.45	ppb
Strontium	86-1	79.68	79.55	80.34	79.86	0.53	ppb
Strontium	88-1	79.78	80.21	79.69	79.89	0.35	ppb
Sulfur	34-1	1312.35	1312.20	1305.19	1309.91	0.31	ppb
Terbium	159-1				79		%
Terbium	159-2				78		%
Thallium	203-1	0.02	0.02	0.01	0.02	20.72	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	7.00	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	17.87	ppb
Tin	118-1	0.10	0.11	0.09	0.10	12.43	ppb
Titanium	47-1	0.52	0.43	0.51	0.49	10.56	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	5.16	ppb
Vanadium	51-2	1.72	1.89	1.77	1.80	4.93	ppb
Yttrium	89-1				74		%
Yttrium	89-2				72		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0644DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:08:50	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.98	1.81	1.76	1.85	6.29	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	23.83	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	43.78	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 20:12:25	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49501.19	48767.74	49201.61	49156.85	0.75	ppb
Antimony	121-1	467.74	469.69	475.55	470.99	0.86	ppb
Arsenic	75-2	461.57	466.30	462.43	463.43	0.54	ppb
Barium	135-1	2455.36	2475.52	2462.64	2464.50	0.41	ppb
Barium	137-1	2444.53	2463.62	2453.29	2453.81	0.39	ppb
Beryllium	9-1	506.57	501.95	506.39	504.97	0.52	ppb
Bismuth	209-1				70		%
Bismuth	209-2				67		%
Boron	10-1	473.05	486.63	489.88	483.19	1.85	ppb
Boron	11-1	470.02	485.67	486.47	480.72	1.93	ppb
Cadmium	111-1	451.49	451.28	453.78	452.18	0.31	ppb
Cadmium	106-1	456.26	454.41	455.47	455.38	0.20	ppb
Cadmium	108-1	452.74	456.01	456.58	455.11	0.45	ppb
Calcium	43-1	233467.19	231803.75	233473.82	232914.92	0.41	ppb
Calcium	44-1	233866.76	232079.90	232633.68	232860.11	0.39	ppb
Chromium	52-2	514.07	505.96	511.66	510.56	0.82	ppb
Cobalt	59-2	495.32	490.26	491.62	492.40	0.53	ppb
Copper	63-2	1032.22	1027.70	1025.26	1028.39	0.34	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				78		%
Holmium	165-2				79		%
Indium	115-1				67		%
Indium	115-2				73		%
Iron	56-2	130861.93	128176.62	129650.11	129562.89	1.04	ppb
Iron	57-2	130642.18	127890.37	128741.14	129091.23	1.09	ppb
Krypton	83-1						cps
Lead	206-1	505.33	501.27	508.42	505.01	0.71	ppb
Lead	207-1	504.52	504.65	509.67	506.28	0.58	ppb
Lead	208-1	507.98	505.05	508.40	507.14	0.36	ppb
Lithium	6-1				71		%
Magnesium	24-2	237775.88	235473.33	238623.44	237290.88	0.69	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 20:12:25	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	996.05	987.09	996.62	993.26	0.54	ppb
Molybdenum	94-1	2561.45	2554.21	2556.67	2557.44	0.14	ppb
Molybdenum	95-1	2551.09	2555.45	2552.26	2552.93	0.09	ppb
Molybdenum	96-1	2546.07	2554.37	2539.01	2546.49	0.30	ppb
Molybdenum	97-1	2532.25	2546.25	2531.09	2536.53	0.33	ppb
Molybdenum	98-1	2547.41	2546.86	2547.26	2547.17	0.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.70	488.19	488.39	489.43	0.40	ppb
Phosphorus	31-2	9437.49	9293.13	9387.56	9372.73	0.78	ppb
Potassium	39-2	120492.80	118555.31	120794.63	119947.58	1.01	ppb
Rhodium	103-1				61		%
Rhodium	103-2				67		%
Scandium	45-1				67		%
Scandium	45-2				70		%
Selenium	77-2	463.55	528.53	476.81	489.63	7.01	ppb
Selenium	78-2	474.49	481.96	475.53	477.33	0.85	ppb
Selenium	82-1	477.82	480.35	483.95	480.71	0.64	ppb
Silicon	28-1	566.62	579.04	586.41	577.36	1.73	ppb
Silver	109-1	445.18	450.23	450.72	448.71	0.68	ppb
Silver	107-1	443.16	448.94	449.35	447.15	0.77	ppb
Sodium	23-2	234953.64	231375.70	233702.27	233343.87	0.78	ppb
Strontium	86-1	503.87	507.25	511.42	507.51	0.74	ppb
Strontium	88-1	503.75	498.25	500.94	500.98	0.55	ppb
Sulfur	34-1	9442.97	9470.20	9475.70	9462.96	0.19	ppb
Terbium	159-1				77		%
Terbium	159-2				77		%
Thallium	203-1	513.11	510.84	513.93	512.63	0.31	ppb
Thallium	205-1	520.30	509.17	511.69	513.72	1.14	ppb
Thorium	232-1	534.20	525.28	529.83	529.77	0.84	ppb
Tin	118-1	479.27	483.93	486.74	483.32	0.78	ppb
Titanium	47-1	2548.69	2571.16	2574.85	2564.90	0.55	ppb
Uranium	238-1	531.42	523.92	527.52	527.62	0.71	ppb
Vanadium	51-2	509.54	502.87	506.82	506.41	0.66	ppb
Yttrium	89-1				69		%
Yttrium	89-2				74		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 20:12:25	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1062.31	1053.89	1050.41	1055.54	0.58	ppb
Zirconium	90-1	510.09	509.34	513.03	510.82	0.38	ppb
Zirconium	91-1	517.08	522.37	518.29	519.25	0.53	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 20:16:03	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.69	0.92	1.12	1.24	32.23	ppb
Antimony	121-1	0.17	0.13	0.15	0.15	14.92	ppb
Arsenic	75-2	0.05	0.03	0.00	0.03	87.45	ppb
Barium	135-1	0.12	0.10	0.08	0.10	20.93	ppb
Barium	137-1	0.14	0.08	0.06	0.09	43.28	ppb
Beryllium	9-1	0.05	0.04	0.05	0.04	12.97	ppb
Bismuth	209-1				84		%
Bismuth	209-2				83		%
Boron	10-1	12.54	11.63	10.51	11.56	8.82	ppb
Boron	11-1	12.17	11.12	9.98	11.09	9.86	ppb
Cadmium	111-1	-0.07	-0.19	-0.11	-0.12		ppb
Cadmium	106-1	-1.55	-3.07	-2.26	-2.29		ppb
Cadmium	108-1	0.01	0.10	0.05	0.05	78.70	ppb
Calcium	43-1	9.56	4.96	9.33	7.95	32.55	ppb
Calcium	44-1	13.35	9.75	8.51	10.54	23.87	ppb
Chromium	52-2	0.03	0.08	0.03	0.05	67.53	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	27.09	ppb
Copper	63-2	0.08	0.08	0.08	0.08	3.16	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				82		%
Holmium	165-2				85		%
Indium	115-1				78		%
Indium	115-2				83		%
Iron	56-2	4.27	4.25	4.21	4.24	0.78	ppb
Iron	57-2	4.51	4.17	3.00	3.89	20.37	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	28.61	ppb
Lead	207-1	0.03	0.03	0.02	0.03	23.19	ppb
Lead	208-1	0.03	0.02	0.02	0.03	13.75	ppb
Lithium	6-1				81		%
Magnesium	24-2	7.36	7.22	7.78	7.45	3.90	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 20:16:03	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.03	0.02	0.02	32.11	ppb
Molybdenum	94-1	0.46	0.38	0.33	0.39	16.24	ppb
Molybdenum	95-1	0.60	0.44	0.43	0.49	19.95	ppb
Molybdenum	96-1	0.65	0.46	0.42	0.51	24.64	ppb
Molybdenum	97-1	0.62	0.52	0.43	0.52	18.22	ppb
Molybdenum	98-1	0.60	0.50	0.42	0.51	17.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.00	0.01	172.38	ppb
Phosphorus	31-2	-31.82	-31.90	-26.08	-29.93		ppb
Potassium	39-2	3.57	5.51	2.54	3.87	38.92	ppb
Rhodium	103-1				76		%
Rhodium	103-2				81		%
Scandium	45-1				75		%
Scandium	45-2				76		%
Selenium	77-2	-0.11	0.29	-0.11	0.02	919.72	ppb
Selenium	78-2	-0.25	0.06	-0.07	-0.09		ppb
Selenium	82-1	0.41	-0.04	0.43	0.27	100.69	ppb
Silicon	28-1	0.21	0.07	-0.48	-0.07		ppb
Silver	109-1	0.04	0.05	0.05	0.05	5.95	ppb
Silver	107-1	0.06	0.05	0.04	0.05	18.60	ppb
Sodium	23-2	27.53	25.47	23.54	25.51	7.82	ppb
Strontium	86-1	0.00	0.04	0.01	0.02	116.34	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	32.53	ppb
Sulfur	34-1	-545.08	-492.64	-506.54	-514.75		ppb
Terbium	159-1				82		%
Terbium	159-2				84		%
Thallium	203-1	0.12	0.10	0.08	0.10	17.41	ppb
Thallium	205-1	0.11	0.09	0.09	0.10	14.91	ppb
Thorium	232-1	0.07	0.05	0.05	0.05	19.72	ppb
Tin	118-1	0.07	0.08	0.07	0.07	8.49	ppb
Titanium	47-1	0.16	0.10	0.21	0.15	34.60	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	21.05	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	20.54	ppb
Yttrium	89-1				77		%
Yttrium	89-2				81		%

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 20:16:03	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.10	0.11	0.10	0.10	5.10	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	16.32	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	9.29	ppb

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:12:54	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	8	33	66.15	cps
Antimony	121-1	33	33	17	28	34.63	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	17	25	67	36	74.18	cps
Barium	137-1	150	67	108	108	38.46	cps
Beryllium	9-1	28	44	33	35	24.12	cps
Bismuth	209-1	12480449	12403923	12381091	12421821	0.42	cps
Bismuth	209-2	7412358	7360631	7277957	7350315	0.92	cps
Boron	10-1	175	183	217	192	11.50	cps
Boron	11-1	942	933	817	897	7.79	cps
Cadmium	111-1	3238	3127	3380	3248	3.91	cps
Cadmium	106-1	4626	4459	4826	4637	3.96	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Calcium	43-1	158	175	83	139	35.16	cps
Calcium	44-1	8779	8879	9396	9018	3.67	cps
Chromium	52-2	893	873	863	877	1.74	cps
Cobalt	59-2	83	103	100	96	11.22	cps
Copper	63-2	383	333	323	347	9.27	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	100	50	61	56.78	cps
Erbium	164-2	17	27	30	24	28.38	cps
Gadolinium	160-1	67	58	50	58	14.29	cps
Gadolinium	160-2	190	177	233	200	14.81	cps
Holmium	165-1	17975535	17982066	17958684	17972095	0.07	cps
Holmium	165-2	9449172	9370858	9296322	9372117	0.82	cps
Indium	115-1	13420410	13447034	13408387	13425277	0.15	cps
Indium	115-2	2391959	2396953	2375937	2388283	0.46	cps
Iron	56-2	3384	3423	3367	3391	0.84	cps
Iron	57-2	78	67	133	93	38.58	cps
Krypton	83-1	337	343	337	339	1.13	cps
Lead	206-1	278	344	311	311	10.71	cps
Lead	207-1	222	239	344	269	24.68	cps
Lead	208-1	1317	1356	1289	1320	2.54	cps
Lithium	6-1	6369721	6270731	6280576	6307010	0.86	cps
Magnesium	24-2	100	175	108	128	32.17	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:12:54	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	110	113	102	16.09	cps
Molybdenum	94-1	275	283	433	331	26.96	cps
Molybdenum	95-1	50	92	100	81	33.26	cps
Molybdenum	96-1	167	125	117	136	19.68	cps
Molybdenum	97-1	8	25	58	31	83.33	cps
Molybdenum	98-1	67	42	83	64	32.83	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	70	83	77	77	8.69	cps
Phosphorus	31-2	117	142	142	133	10.83	cps
Potassium	39-2	13081	12314	11972	12456	4.56	cps
Rhodium	103-1	12121876	12240638	12169477	12177330	0.49	cps
Rhodium	103-2	5440887	5458015	5424812	5441238	0.31	cps
Scandium	45-1	8710938	8706852	8789159	8735649	0.53	cps
Scandium	45-2	345195	346855	342871	344974	0.58	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	46	54	44	48	10.17	cps
Selenium	82-1	32	-9	66	30	125.22	cps
Silicon	28-1	227073	231141	227124	228446	1.02	cps
Silver	109-1	58	50	50	53	9.12	cps
Silver	107-1	158	125	67	117	39.77	cps
Sodium	23-2	6602	6593	6652	6616	0.48	cps
Strontium	86-1	517	692	492	567	19.23	cps
Strontium	88-1	192	200	192	194	2.47	cps
Sulfur	34-1	264450	265041	267588	265693	0.63	cps
Terbium	159-1	18169122	18015349	18259161	18147877	0.68	cps
Terbium	159-2	9222737	9219323	9024992	9155684	1.24	cps
Thallium	203-1	100	92	83	92	9.09	cps
Thallium	205-1	192	200	300	231	26.15	cps
Thorium	232-1	117	128	89	111	18.03	cps
Tin	118-1	592	633	683	636	7.21	cps
Titanium	47-1	92	108	75	92	18.18	cps
Uranium	238-1	92	92	125	103	18.73	cps
Vanadium	51-2	3	13	3	7	86.65	cps
Yttrium	89-1	13492825	13437201	13378370	13436132	0.43	cps
Yttrium	89-2	1774504	1785145	1776882	1778844	0.31	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:12:54	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	420	397	353	390	8.67	cps
Zirconium	90-1	1008	817	1133	986	16.18	cps
Zirconium	91-1	117	225	150	164	33.86	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:21:16	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2550	2675	2550	2592	2.79	cps
Antimony	121-1	21450	21893	21258	21534	1.51	cps
Arsenic	75-2	380	381	407	390	3.99	cps
Barium	135-1	29591	29232	29658	29493	0.78	cps
Barium	137-1	52098	51212	51028	51446	1.11	cps
Beryllium	9-1	4140	4234	4106	4160	1.59	cps
Bismuth	209-1	12091976	12076287	12031614	12066626	0.26	cps
Bismuth	209-2	7054614	7093962	7045866	7064814	0.36	cps
Boron	10-1	19338	19138	18662	19046	1.82	cps
Boron	11-1	81529	83498	84277	83102	1.70	cps
Cadmium	111-1	6691	6667	6706	6688	0.30	cps
Cadmium	106-1	4818	5210	5185	5071	4.33	cps
Cadmium	108-1	254	204	296	251	18.26	cps
Calcium	43-1	20139	20515	21016	20557	2.14	cps
Calcium	44-1	328503	334324	332694	331840	0.91	cps
Chromium	52-2	7886	8096	7899	7960	1.48	cps
Cobalt	59-2	6075	5911	5911	5966	1.58	cps
Copper	63-2	9053	8776	8886	8905	1.57	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	17	75	42	44	65.84	cps
Erbium	164-2	33	10	27	23	51.50	cps
Gadolinium	160-1	58	33	50	47	26.97	cps
Gadolinium	160-2	267	210	243	240	11.86	cps
Holmium	165-1	17239398	17296703	17200805	17245635	0.28	cps
Holmium	165-2	9132383	9124020	9061672	9106025	0.42	cps
Indium	115-1	12963517	13100263	13029166	13030982	0.52	cps
Indium	115-2	2412573	2433975	2464985	2437177	1.08	cps
Iron	56-2	165853	166719	167819	166797	0.59	cps
Iron	57-2	4140	4301	4067	4169	2.87	cps
Krypton	83-1	333	357	300	330	8.63	cps
Lead	206-1	10866	11138	10816	10940	1.59	cps
Lead	207-1	9315	9821	9393	9509	2.86	cps
Lead	208-1	43446	45332	42527	43768	3.27	cps
Lithium	6-1	6514918	6601770	6552380	6556356	0.66	cps
Magnesium	24-2	159296	162228	160863	160796	0.91	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:21:16	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2307	2410	2380	2366	2.25	cps
Molybdenum	94-1	24831	24430	23896	24385	1.92	cps
Molybdenum	95-1	29824	29723	29841	29796	0.21	cps
Molybdenum	96-1	33832	33607	33156	33532	1.03	cps
Molybdenum	97-1	19272	18312	18413	18666	2.83	cps
Molybdenum	98-1	48993	47279	47706	47993	1.86	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1590	1653	1663	1636	2.43	cps
Phosphorus	31-2	617	525	467	536	14.10	cps
Potassium	39-2	141081	141510	142076	141556	0.35	cps
Rhodium	103-1	11887504	11922324	11921073	11910300	0.17	cps
Rhodium	103-2	5456591	5488553	5568207	5504451	1.04	cps
Scandium	45-1	8777570	8855923	8738485	8790659	0.68	cps
Scandium	45-2	351129	351087	353176	351797	0.34	cps
Selenium	77-2	53	37	77	56	36.17	cps
Selenium	78-2	276	259	246	260	5.70	cps
Selenium	82-1	1445	1487	1447	1459	1.62	cps
Silicon	28-1	325198	320810	320910	322306	0.78	cps
Silver	109-1	15025	14141	14833	14666	3.17	cps
Silver	107-1	15634	15818	15517	15656	0.97	cps
Sodium	23-2	299533	298245	303326	300368	0.88	cps
Strontium	86-1	4359	4534	4484	4459	2.02	cps
Strontium	88-1	32555	33206	33523	33095	1.49	cps
Sulfur	34-1	269175	272728	270005	270636	0.69	cps
Terbium	159-1	17647051	17610796	17570258	17609368	0.22	cps
Terbium	159-2	8884909	8848429	8873899	8869079	0.21	cps
Thallium	203-1	13215	12965	13232	13137	1.14	cps
Thallium	205-1	31129	30945	31639	31238	1.15	cps
Thorium	232-1	43495	44175	43880	43850	0.78	cps
Tin	118-1	53185	52298	51888	52457	1.26	cps
Titanium	47-1	9020	9278	9312	9203	1.74	cps
Uranium	238-1	43683	43182	42169	43011	1.79	cps
Vanadium	51-2	15048	15078	14804	14977	1.00	cps
Yttrium	89-1	13321926	13371986	13341609	13345174	0.19	cps
Yttrium	89-2	1795575	1793218	1824736	1804509	0.97	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:21:16	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1747	1633	1730	1703	3.59	cps
Zirconium	90-1	20340	20724	21033	20699	1.68	cps
Zirconium	91-1	4434	4426	4776	4545	4.40	cps

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 17:25:10 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142557	142447	142473	142493	0.04	cps
Antimony	121-1	596885	603236	602110	600744	0.56	cps
Arsenic	75-2	20448	20053	19634	20045	2.03	cps
Barium	135-1	784174	790867	786519	787187	0.43	cps
Barium	137-1	1389323	1372735	1383374	1381811	0.61	cps
Beryllium	9-1	225355	225641	222206	224401	0.85	cps
Bismuth	209-1	11942001	11865374	11969690	11925688	0.45	cps
Bismuth	209-2	7041946	7052778	6878498	6991074	1.40	cps
Boron	10-1	42670	41968	41909	42182	1.00	cps
Boron	11-1	185865	190904	187839	188203	1.35	cps
Cadmium	111-1	185786	184851	187505	186047	0.72	cps
Cadmium	106-1	24013	23871	23337	23740	1.50	cps
Cadmium	108-1	13836	13999	13415	13750	2.19	cps
Calcium	43-1	222347	223117	219895	221786	0.76	cps
Calcium	44-1	3532169	3542347	3522830	3532449	0.28	cps
Chromium	52-2	188762	188984	186958	188234	0.59	cps
Cobalt	59-2	309772	310072	305486	308443	0.83	cps
Copper	63-2	435550	433981	430561	433364	0.59	cps
Dysprosium	156-1	17	50	25	31	56.77	cps
Dysprosium	156-2	20	10	3	11	75.52	cps
Erbium	164-1	58	50	75	61	20.83	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	75	67	58	67	12.49	cps
Gadolinium	160-2	217	203	233	218	6.90	cps
Holmium	165-1	17323580	17061529	17348935	17244681	0.92	cps
Holmium	165-2	9104976	9145974	8935291	9062080	1.23	cps
Indium	115-1	12848063	12651274	12842455	12780597	0.88	cps
Indium	115-2	2426225	2416710	2373925	2405620	1.16	cps
Iron	56-2	8202360	8154631	8064680	8140557	0.86	cps
Iron	57-2	200118	200612	202129	200953	0.52	cps
Krypton	83-1	327	343	270	313	12.27	cps
Lead	206-1	593417	598807	593922	595382	0.50	cps
Lead	207-1	534152	537370	539538	537020	0.50	cps
Lead	208-1	2400841	2417727	2420659	2413076	0.44	cps
Lithium	6-1	6566827	6565506	6572058	6568130	0.05	cps
Magnesium	24-2	1717791	1739770	1719473	1725678	0.71	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:25:10	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	230157	229399	227786	229114	0.53	cps
Molybdenum	94-1	1276973	1270031	1264139	1270381	0.51	cps
Molybdenum	95-1	1566889	1557577	1557508	1560658	0.35	cps
Molybdenum	96-1	1732743	1723877	1725677	1727432	0.27	cps
Molybdenum	97-1	980770	957366	975097	971077	1.26	cps
Molybdenum	98-1	2480679	2504576	2485000	2490085	0.51	cps
Neodymium	150-1	73	53	53	60	19.24	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	81696	81431	80979	81369	0.45	cps
Phosphorus	31-2	7727	7961	7877	7855	1.51	cps
Potassium	39-2	695546	691687	687523	691586	0.58	cps
Rhodium	103-1	11572073	11567528	11536776	11558792	0.17	cps
Rhodium	103-2	5459979	5445026	5378878	5427961	0.80	cps
Scandium	45-1	8661836	8649078	8626502	8645805	0.21	cps
Scandium	45-2	345492	348864	337427	343928	1.71	cps
Selenium	77-2	617	553	563	578	5.89	cps
Selenium	78-2	1991	2076	2032	2033	2.10	cps
Selenium	82-1	14523	13919	14288	14243	2.14	cps
Silicon	28-1	750475	753492	749335	751101	0.29	cps
Silver	109-1	835270	836643	834603	835505	0.12	cps
Silver	107-1	866895	875682	863413	868663	0.73	cps
Sodium	23-2	3122591	3140845	3127394	3130277	0.30	cps
Strontium	86-1	215165	211409	211899	212824	0.96	cps
Strontium	88-1	1842720	1840774	1846335	1843276	0.15	cps
Sulfur	34-1	351841	349963	350263	350689	0.29	cps
Terbium	159-1	17572447	17377822	17574349	17508206	0.64	cps
Terbium	159-2	8831972	8829164	8702267	8787801	0.84	cps
Thallium	203-1	717524	723029	729128	723227	0.80	cps
Thallium	205-1	1731669	1755018	1759821	1748836	0.86	cps
Thorium	232-1	2490333	2501028	2519045	2503468	0.58	cps
Tin	118-1	559334	562609	562303	561415	0.32	cps
Titanium	47-1	475487	477672	476401	476520	0.23	cps
Uranium	238-1	2450003	2448666	2460594	2453088	0.27	cps
Vanadium	51-2	148522	148758	147980	148420	0.27	cps
Yttrium	89-1	13149374	13031216	13190918	13123836	0.63	cps
Yttrium	89-2	1787770	1785611	1753573	1775651	1.08	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:25:10	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	68798	68312	67877	68329	0.67	cps
Zirconium	90-1	1068531	1060293	1061217	1063347	0.42	cps
Zirconium	91-1	235828	238764	237479	237357	0.62	cps

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 17:29:12 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	320973	320048	318838	319953	0.33	cps
Antimony	121-1	1451660	1446673	1432762	1443699	0.68	cps
Arsenic	75-2	44823	44293	43942	44353	1.00	cps
Barium	135-1	1914126	1908067	1885424	1902539	0.80	cps
Barium	137-1	3352995	3319935	3284444	3319125	1.03	cps
Beryllium	9-1	534731	527188	527753	529890	0.79	cps
Bismuth	209-1	11589490	11519891	11435295	11514892	0.67	cps
Bismuth	209-2	6524621	6531432	6490382	6515478	0.34	cps
Boron	10-1	96021	99292	101398	98904	2.74	cps
Boron	11-1	441767	445220	447633	444873	0.66	cps
Cadmium	111-1	443764	440044	436575	440128	0.82	cps
Cadmium	106-1	50457	50181	49571	50070	0.91	cps
Cadmium	108-1	32709	32809	32346	32621	0.75	cps
Calcium	43-1	527428	518941	523448	523272	0.81	cps
Calcium	44-1	8358379	8198531	8045628	8200846	1.91	cps
Chromium	52-2	420027	414747	415735	416836	0.67	cps
Cobalt	59-2	686597	680878	685456	684310	0.44	cps
Copper	63-2	963405	965144	952905	960485	0.69	cps
Dysprosium	156-1	42	0	75	39	96.62	cps
Dysprosium	156-2	0	43	40	28	86.81	cps
Erbium	164-1	58	33	50	47	26.97	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	67	117	58	81	39.16	cps
Gadolinium	160-2	270	200	183	218	21.12	cps
Holmium	165-1	16996849	16703302	16586596	16762249	1.26	cps
Holmium	165-2	8545268	8474197	8457682	8492383	0.55	cps
Indium	115-1	12251372	12189223	12047434	12162676	0.86	cps
Indium	115-2	2156693	2157972	2163547	2159404	0.17	cps
Iron	56-2	18446473	18223912	18176532	18282306	0.79	cps
Iron	57-2	448195	450597	445416	448069	0.58	cps
Krypton	83-1	317	280	247	281	12.46	cps
Lead	206-1	1649693	1636038	1657563	1647765	0.66	cps
Lead	207-1	1472119	1461022	1479800	1470980	0.64	cps
Lead	208-1	6631773	6601125	6660981	6631293	0.45	cps
Lithium	6-1	6381262	6287261	6318997	6329173	0.76	cps
Magnesium	24-2	3897920	3870762	3863958	3877547	0.46	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:29:12	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	521950	508997	510290	513746	1.39	cps
Molybdenum	94-1	3035026	3008458	2997377	3013620	0.64	cps
Molybdenum	95-1	3742409	3707427	3664438	3704758	1.05	cps
Molybdenum	96-1	4090683	4131510	4088496	4103563	0.59	cps
Molybdenum	97-1	2303907	2319243	2300735	2307962	0.43	cps
Molybdenum	98-1	5878913	5856663	5798376	5844651	0.71	cps
Neodymium	150-1	167	180	133	160	15.02	cps
Neodymium	150-2	17	10	17	14	26.66	cps
Nickel	60-2	178889	179463	177027	178460	0.71	cps
Phosphorus	31-2	16827	16710	17019	16852	0.93	cps
Potassium	39-2	1529039	1500587	1499811	1509812	1.10	cps
Rhodium	103-1	10898981	10707180	10674129	10760097	1.13	cps
Rhodium	103-2	4848319	4842604	4837710	4842878	0.11	cps
Scandium	45-1	8207591	8080185	7946344	8078040	1.62	cps
Scandium	45-2	304546	301205	299749	301833	0.81	cps
Selenium	77-2	1250	1290	1217	1252	2.93	cps
Selenium	78-2	4421	4360	4517	4433	1.79	cps
Selenium	82-1	33961	33333	33132	33475	1.29	cps
Silicon	28-1	1445352	1410840	1407055	1421083	1.49	cps
Silver	109-1	1990761	1968390	1960213	1973121	0.80	cps
Silver	107-1	2051923	2043048	2033235	2042735	0.46	cps
Sodium	23-2	7041253	7003765	7045749	7030256	0.33	cps
Strontium	86-1	507616	510057	501804	506492	0.84	cps
Strontium	88-1	4439649	4347330	4338179	4375053	1.28	cps
Sulfur	34-1	451776	444150	448345	448090	0.85	cps
Terbium	159-1	17124147	16977024	16936842	17012671	0.58	cps
Terbium	159-2	8240717	8187823	8187856	8205465	0.37	cps
Thallium	203-1	1773376	1775705	1790122	1779734	0.51	cps
Thallium	205-1	4257366	4270495	4256674	4261512	0.18	cps
Thorium	232-1	6211112	6155922	6141405	6169480	0.60	cps
Tin	118-1	1350043	1348519	1328299	1342287	0.90	cps
Titanium	47-1	1132135	1125148	1108696	1121993	1.07	cps
Uranium	238-1	6056692	5982566	5994982	6011413	0.66	cps
Vanadium	51-2	333339	331462	327268	330690	0.94	cps
Yttrium	89-1	12459708	12363474	12133119	12318767	1.36	cps
Yttrium	89-2	1598938	1582041	1579127	1586702	0.67	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:29:12	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	154628	152237	152884	153249	0.81	cps
Zirconium	90-1	2542935	2503783	2523596	2523438	0.78	cps
Zirconium	91-1	571693	567882	561012	566863	0.95	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575746	573954	573381	574360	0.21	cps
Antimony	121-1	2691340	2660839	2661970	2671383	0.65	cps
Arsenic	75-2	79045	79538	79603	79395	0.38	cps
Barium	135-1	3555974	3547115	3508415	3537168	0.72	cps
Barium	137-1	6188680	6126945	6084787	6133471	0.85	cps
Beryllium	9-1	960221	951529	944716	952156	0.82	cps
Bismuth	209-1	11035024	11061797	11066137	11054320	0.15	cps
Bismuth	209-2	6232552	6210693	6222232	6221826	0.18	cps
Boron	10-1	180004	185526	188445	184658	2.32	cps
Boron	11-1	813386	816921	828427	819578	0.96	cps
Cadmium	111-1	798680	789915	792705	793766	0.56	cps
Cadmium	106-1	88526	86446	88401	87791	1.33	cps
Cadmium	108-1	58311	58876	57266	58151	1.41	cps
Calcium	43-1	948215	939093	937617	941642	0.61	cps
Calcium	44-1	15073934	14909113	14629199	14870749	1.51	cps
Chromium	52-2	746232	748206	743886	746108	0.29	cps
Cobalt	59-2	1227624	1213740	1215037	1218800	0.63	cps
Copper	63-2	1693553	1697441	1691603	1694199	0.18	cps
Dysprosium	156-1	83	67	75	75	11.11	cps
Dysprosium	156-2	63	67	77	69	10.08	cps
Erbium	164-1	75	50	125	83	45.83	cps
Erbium	164-2	10	20	40	23	65.47	cps
Gadolinium	160-1	100	42	67	69	42.14	cps
Gadolinium	160-2	223	177	227	209	13.38	cps
Holmium	165-1	16208425	16155165	16207498	16190363	0.19	cps
Holmium	165-2	8231658	8204220	8209772	8215217	0.18	cps
Indium	115-1	11348344	11211603	11141521	11233822	0.94	cps
Indium	115-2	2017750	1999831	2025037	2014206	0.64	cps
Iron	56-2	32965314	32793954	32733378	32830882	0.37	cps
Iron	57-2	812621	800198	808434	807084	0.78	cps
Krypton	83-1	343	327	240	303	18.29	cps
Lead	206-1	2911044	2922553	2919241	2917612	0.20	cps
Lead	207-1	2596233	2648027	2641521	2628594	1.07	cps
Lead	208-1	11683852	11740193	11742562	11722202	0.28	cps
Lithium	6-1	6007311	5982609	5891690	5960537	1.02	cps
Magnesium	24-2	7003177	6986355	6939366	6976299	0.47	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:33:00	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	917728	928428	926041	924065	0.61	cps
Molybdenum	94-1	5512389	5390227	5364110	5422242	1.46	cps
Molybdenum	95-1	6768335	6644936	6619308	6677526	1.19	cps
Molybdenum	96-1	7489461	7380747	7342606	7404271	1.03	cps
Molybdenum	97-1	4209947	4167596	4172888	4183477	0.55	cps
Molybdenum	98-1	10864394	10695526	10608028	10722649	1.22	cps
Neodymium	150-1	260	227	293	260	12.82	cps
Neodymium	150-2	13	23	27	21	32.88	cps
Nickel	60-2	322543	324075	319381	322000	0.74	cps
Phosphorus	31-2	29898	29906	29096	29633	1.57	cps
Potassium	39-2	2687065	2695518	2711283	2697955	0.46	cps
Rhodium	103-1	9877080	9761978	9736982	9792013	0.76	cps
Rhodium	103-2	4439696	4452967	4493804	4462156	0.63	cps
Scandium	45-1	7394307	7332572	7314050	7346976	0.57	cps
Scandium	45-2	275567	277455	277895	276972	0.45	cps
Selenium	77-2	2307	2304	2347	2319	1.04	cps
Selenium	78-2	8010	7928	7643	7860	2.45	cps
Selenium	82-1	60769	59989	59745	60168	0.89	cps
Silicon	28-1	2354938	2324049	2312034	2330340	0.95	cps
Silver	109-1	3547434	3546846	3493506	3529262	0.88	cps
Silver	107-1	3663644	3651423	3628755	3647941	0.49	cps
Sodium	23-2	12756023	12736518	12731910	12741484	0.10	cps
Strontium	86-1	919777	925392	917463	920877	0.44	cps
Strontium	88-1	8016033	7880273	7832194	7909500	1.21	cps
Sulfur	34-1	589693	582663	572507	581621	1.49	cps
Terbium	159-1	16370144	16219830	16187441	16259138	0.60	cps
Terbium	159-2	7921351	7860102	7907271	7896241	0.41	cps
Thallium	203-1	3367360	3372487	3415728	3385192	0.78	cps
Thallium	205-1	8072361	8046785	8067667	8062271	0.17	cps
Thorium	232-1	12089586	12081189	12191039	12120605	0.50	cps
Tin	118-1	2491528	2455295	2456745	2467856	0.83	cps
Titanium	47-1	2037534	2006501	1996848	2013627	1.06	cps
Uranium	238-1	11778728	11726086	11748648	11751154	0.22	cps
Vanadium	51-2	595808	591118	590892	592606	0.47	cps
Yttrium	89-1	11542979	11448159	11341400	11444180	0.88	cps
Yttrium	89-2	1464570	1474811	1479450	1472944	0.52	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	273158	272806	274181	273382	0.26	cps
Zirconium	90-1	4613498	4623656	4552426	4596527	0.84	cps
Zirconium	91-1	1040822	1031023	1012241	1028029	1.41	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:36:46	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1115613	1123989	1114982	1118195	0.45	cps
Antimony	121-1	5030408	5093983	5111418	5078603	0.84	cps
Arsenic	75-2	154462	154114	154025	154200	0.15	cps
Barium	135-1	6813111	6799886	6862911	6825302	0.49	cps
Barium	137-1	12049442	11940219	12022097	12003919	0.47	cps
Beryllium	9-1	1773645	1784528	1776323	1778165	0.32	cps
Bismuth	209-1	10846987	10720835	10965523	10844448	1.13	cps
Bismuth	209-2	5878077	5926152	5950420	5918216	0.62	cps
Boron	10-1	339650	353954	357280	350295	2.67	cps
Boron	11-1	1528854	1578007	1606545	1571135	2.50	cps
Cadmium	111-1	1489448	1497890	1503109	1496816	0.46	cps
Cadmium	106-1	159699	161215	164412	161775	1.49	cps
Cadmium	108-1	109817	110993	110959	110590	0.61	cps
Calcium	43-1	1804433	1788078	1808731	1800414	0.61	cps
Calcium	44-1	28547125	28295318	28367150	28403198	0.46	cps
Chromium	52-2	1449368	1459419	1456094	1454960	0.35	cps
Cobalt	59-2	2323967	2350538	2364715	2346407	0.88	cps
Copper	63-2	3218625	3254761	3254544	3242643	0.64	cps
Dysprosium	156-1	117	108	100	108	7.69	cps
Dysprosium	156-2	100	97	97	98	1.97	cps
Erbium	164-1	100	58	100	86	27.93	cps
Erbium	164-2	23	30	10	21	48.24	cps
Gadolinium	160-1	58	58	67	61	7.87	cps
Gadolinium	160-2	193	203	253	217	14.84	cps
Holmium	165-1	16111760	16115932	16136809	16121500	0.08	cps
Holmium	165-2	8109095	8121447	8092187	8107576	0.18	cps
Indium	115-1	10874465	10844272	10866778	10861838	0.14	cps
Indium	115-2	1943869	1969478	1971448	1961598	0.78	cps
Iron	56-2	64401514	64023790	63654481	64026595	0.58	cps
Iron	57-2	1556609	1566907	1568466	1563994	0.41	cps
Krypton	83-1	207	287	200	231	20.87	cps
Lead	206-1	5348167	5409220	5429092	5395493	0.78	cps
Lead	207-1	4843545	4886979	4914132	4881552	0.73	cps
Lead	208-1	21812127	21873886	21980912	21888975	0.39	cps
Lithium	6-1	5752876	5695226	5709723	5719275	0.52	cps
Magnesium	24-2	13609971	13586450	13651541	13615987	0.24	cps

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1796748	1809104	1800332	1802061	0.35	cps
Molybdenum	94-1	10627765	10537254	10569971	10578330	0.43	cps
Molybdenum	95-1	12855700	12913350	12921077	12896709	0.28	cps
Molybdenum	96-1	14315057	14355904	14425925	14365629	0.39	cps
Molybdenum	97-1	8167428	8262345	8203768	8211180	0.58	cps
Molybdenum	98-1	20782808	20667106	20942061	20797325	0.66	cps
Neodymium	150-1	427	467	433	442	4.85	cps
Neodymium	150-2	47	37	60	48	24.50	cps
Nickel	60-2	600820	602857	615522	606400	1.31	cps
Phosphorus	31-2	56634	59084	57436	57718	2.16	cps
Potassium	39-2	5251869	5229471	5216185	5232508	0.34	cps
Rhodium	103-1	9345270	9268429	9365725	9326475	0.55	cps
Rhodium	103-2	4290682	4330534	4368875	4330030	0.90	cps
Scandium	45-1	7026436	7051431	6991974	7023280	0.43	cps
Scandium	45-2	270076	271469	268584	270043	0.53	cps
Selenium	77-2	4377	4457	4571	4469	2.17	cps
Selenium	78-2	14860	15082	15089	15010	0.87	cps
Selenium	82-1	111738	112902	113535	112725	0.81	cps
Silicon	28-1	4181699	4187797	4188470	4185989	0.09	cps
Silver	109-1	6669888	6596092	6620952	6628977	0.57	cps
Silver	107-1	6930392	6883917	6875949	6896753	0.43	cps
Sodium	23-2	25007213	25008394	25064630	25026746	0.13	cps
Strontium	86-1	1758830	1773420	1772753	1768334	0.47	cps
Strontium	88-1	15410730	15387943	15359126	15385933	0.17	cps
Sulfur	34-1	889397	881876	885201	885492	0.43	cps
Terbium	159-1	16224248	16073251	16287265	16194922	0.68	cps
Terbium	159-2	7811991	7753437	7773306	7779578	0.38	cps
Thallium	203-1	6617345	6620999	6589720	6609355	0.26	cps
Thallium	205-1	16010203	15948749	15921303	15960085	0.29	cps
Thorium	232-1	24088344	24182398	24357558	24209433	0.56	cps
Tin	118-1	4657808	4715813	4739665	4704429	0.89	cps
Titanium	47-1	3826243	3848931	3837368	3837514	0.30	cps
Uranium	238-1	23363890	23535202	23539113	23479402	0.43	cps
Vanadium	51-2	1161822	1167571	1168260	1165885	0.30	cps
Yttrium	89-1	11072421	11119186	11095257	11095621	0.21	cps
Yttrium	89-2	1447673	1462804	1471254	1460577	0.82	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	511213	517546	517917	515559	0.73	cps
Zirconium	90-1	8883604	8903049	8903368	8896674	0.13	cps
Zirconium	91-1	1950137	1979393	1982195	1970575	0.90	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2300583	2330655	2340617	2323952	0.90	cps
Antimony	121-1	10143525	10100817	10134968	10126437	0.22	cps
Arsenic	75-2	303946	308142	310180	307423	1.03	cps
Barium	135-1	13783707	13783857	13805497	13791020	0.09	cps
Barium	137-1	24122211	24366446	24342239	24276965	0.55	cps
Beryllium	9-1	3360881	3399355	3415690	3391975	0.83	cps
Bismuth	209-1	10591331	10591271	10768712	10650438	0.96	cps
Bismuth	209-2	5761734	5866296	5929980	5852670	1.45	cps
Boron	10-1	678343	698471	710665	695826	2.35	cps
Boron	11-1	3068493	3142536	3192628	3134553	1.99	cps
Cadmium	111-1	2826833	2859390	2883667	2856630	1.00	cps
Cadmium	106-1	305173	308577	309686	307812	0.76	cps
Cadmium	108-1	214281	214053	214932	214422	0.21	cps
Calcium	43-1	3552206	3574881	3624418	3583835	1.03	cps
Calcium	44-1	56424876	57357749	57465355	57082660	1.00	cps
Chromium	52-2	2974047	2992358	2985009	2983805	0.31	cps
Cobalt	59-2	4724952	4742450	4772528	4746643	0.51	cps
Copper	63-2	6427072	6358951	6406673	6397566	0.55	cps
Dysprosium	156-1	175	275	258	236	22.69	cps
Dysprosium	156-2	193	210	240	214	11.03	cps
Erbium	164-1	92	117	133	114	18.41	cps
Erbium	164-2	47	33	47	42	18.24	cps
Gadolinium	160-1	92	150	167	136	28.93	cps
Gadolinium	160-2	240	233	240	238	1.62	cps
Holmium	165-1	16365218	16268865	16542194	16392092	0.85	cps
Holmium	165-2	8207738	8180289	8317368	8235132	0.88	cps
Indium	115-1	10747085	10768838	10911119	10809014	0.82	cps
Indium	115-2	1923236	1949323	1982952	1951837	1.53	cps
Iron	56-2	129821328	130157111	130081483	130019974	0.14	cps
Iron	57-2	3155180	3199944	3195500	3183541	0.77	cps
Krypton	83-1	303	323	310	312	3.26	cps
Lead	206-1	10928654	10913098	10904710	10915487	0.11	cps
Lead	207-1	9823868	9770247	9811210	9801775	0.29	cps
Lead	208-1	43959317	43826654	43892279	43892750	0.15	cps
Lithium	6-1	5663610	5658040	5683099	5668250	0.23	cps
Magnesium	24-2	27917075	27845641	27849311	27870676	0.14	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:40:29	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3633381	3687658	3707057	3676032	1.04	cps
Molybdenum	94-1	21396722	21239574	21547783	21394693	0.72	cps
Molybdenum	95-1	26110263	25925311	26145101	26060225	0.45	cps
Molybdenum	96-1	28966375	28963574	29202480	29044143	0.47	cps
Molybdenum	97-1	16438710	16459061	16564987	16487586	0.41	cps
Molybdenum	98-1	42065114	42063721	42204607	42111147	0.19	cps
Neodymium	150-1	773	853	767	798	6.05	cps
Neodymium	150-2	87	100	63	83	22.27	cps
Nickel	60-2	1206090	1214111	1226168	1215457	0.83	cps
Phosphorus	31-2	115966	118511	119484	117987	1.54	cps
Potassium	39-2	10868489	10899349	10820491	10862776	0.37	cps
Rhodium	103-1	9188544	9205537	9278787	9224290	0.52	cps
Rhodium	103-2	4279066	4328561	4403738	4337122	1.45	cps
Scandium	45-1	7153832	7160719	7213767	7176106	0.46	cps
Scandium	45-2	280735	282736	286221	283231	0.98	cps
Selenium	77-2	8489	8729	8946	8722	2.62	cps
Selenium	78-2	29513	29487	29708	29570	0.41	cps
Selenium	82-1	213923	215362	217312	215532	0.79	cps
Silicon	28-1	7392347	7398502	7462061	7417637	0.52	cps
Silver	109-1	13279238	13207739	13222672	13236550	0.28	cps
Silver	107-1	13658660	13782879	13791175	13744238	0.54	cps
Sodium	23-2	51625382	51486753	51669499	51593878	0.18	cps
Strontium	86-1	3535177	3542612	3607541	3561777	1.12	cps
Strontium	88-1	30855872	31060560	31085970	31000801	0.41	cps
Sulfur	34-1	1527294	1538988	1549813	1538698	0.73	cps
Terbium	159-1	16316829	16502014	16383141	16400661	0.57	cps
Terbium	159-2	7834842	7975790	7974517	7928383	1.02	cps
Thallium	203-1	13126658	13052736	13222359	13133918	0.65	cps
Thallium	205-1	31624292	31843842	31795247	31754460	0.36	cps
Thorium	232-1	49216432	48957702	49259959	49144698	0.33	cps
Tin	118-1	9559713	9466884	9546991	9524529	0.53	cps
Titanium	47-1	7672046	7750115	7763670	7728610	0.64	cps
Uranium	238-1	47512335	47775180	47911301	47732939	0.42	cps
Vanadium	51-2	2388620	2407693	2407921	2401411	0.46	cps
Yttrium	89-1	11224460	11253692	11342989	11273713	0.55	cps
Yttrium	89-2	1483534	1486714	1521293	1497180	1.40	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:40:29	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	989762	994503	1006468	996911	0.86	cps
Zirconium	90-1	18104982	18007149	18107186	18073106	0.32	cps
Zirconium	91-1	3953208	3981487	4063284	3999326	1.43	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:44:14	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12899439	13054289	13296233	13083320	1.53	cps
Antimony	121-1	13474	13632	13440	13515	0.76	cps
Arsenic	75-2	430	491	415	445	9.04	cps
Barium	135-1	2492	2225	2317	2345	5.78	cps
Barium	137-1	3751	3967	3942	3887	3.05	cps
Beryllium	9-1	483	406	300	396	23.22	cps
Bismuth	209-1	9208225	9231403	9311532	9250387	0.59	cps
Bismuth	209-2	4883731	4974247	5003936	4953971	1.26	cps
Boron	10-1	21933	19764	18120	19939	9.59	cps
Boron	11-1	98001	88593	82852	89815	8.52	cps
Cadmium	111-1	3030	2879	3131	3013	4.21	cps
Cadmium	106-1	3751	3542	4034	3776	6.54	cps
Cadmium	108-1	71	67	92	76	17.54	cps
Calcium	43-1	18701212	19030238	19052193	18927881	1.04	cps
Calcium	44-1	297020715	301548398	301423565	299997559	0.86	cps
Chromium	52-2	123069	125495	127710	125425	1.85	cps
Cobalt	59-2	60939	61927	62242	61702	1.10	cps
Copper	63-2	13460	14000	14194	13885	2.74	cps
Dysprosium	156-1	192	92	158	147	34.59	cps
Dysprosium	156-2	57	67	73	66	12.79	cps
Erbium	164-1	100	92	150	114	27.70	cps
Erbium	164-2	43	27	30	33	26.45	cps
Gadolinium	160-1	117	100	175	131	30.17	cps
Gadolinium	160-2	230	247	213	230	7.25	cps
Holmium	165-1	15947411	16117894	16200905	16088737	0.80	cps
Holmium	165-2	8026936	8118806	8036198	8060647	0.63	cps
Indium	115-1	10442705	10549190	10705390	10565761	1.25	cps
Indium	115-2	1924667	1952823	1981080	1952857	1.44	cps
Iron	56-2	668721593	674749548	684893860	676121667	1.21	cps
Iron	57-2	16227997	16454877	16626410	16436428	1.22	cps
Krypton	83-1	380	417	387	394	4.95	cps
Lead	206-1	14764	14686	14308	14586	1.67	cps
Lead	207-1	12395	12901	12795	12697	2.10	cps
Lead	208-1	57856	58206	58246	58103	0.37	cps
Lithium	6-1	5118889	5164574	5163537	5149000	0.51	cps
Magnesium	24-2	150451008	151999524	154061587	152170706	1.19	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:44:14	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25973	26554	26995	26507	1.93	cps
Molybdenum	94-1	25315	25666	24730	25237	1.87	cps
Molybdenum	95-1	39589	39673	39155	39472	0.70	cps
Molybdenum	96-1	50214	49461	50248	49975	0.89	cps
Molybdenum	97-1	22761	23053	23412	23075	1.41	cps
Molybdenum	98-1	60262	60772	59852	60295	0.76	cps
Neodymium	150-1	187	213	260	220	16.87	cps
Neodymium	150-2	57	67	113	79	38.34	cps
Nickel	60-2	41398	41439	41810	41549	0.55	cps
Phosphorus	31-2	175	158	200	178	11.80	cps
Potassium	39-2	61622620	61877074	63015953	62171883	1.19	cps
Rhodium	103-1	8384409	8536567	8548845	8489940	1.08	cps
Rhodium	103-2	3928214	4004194	4062466	3998291	1.68	cps
Scandium	45-1	7027214	7195826	7210257	7144432	1.42	cps
Scandium	45-2	307708	312149	313344	311067	0.95	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	61	46	52	53	14.09	cps
Selenium	82-1	126	115	129	124	5.91	cps
Silicon	28-1	508386	516336	519486	514736	1.11	cps
Silver	109-1	792	975	758	842	13.86	cps
Silver	107-1	858	1025	1025	970	9.93	cps
Sodium	23-2	290768398	291585782	294149448	292167876	0.60	cps
Strontium	86-1	15859	16769	16485	16371	2.84	cps
Strontium	88-1	141491	141104	143100	141898	0.75	cps
Sulfur	34-1	197355	204552	208271	203393	2.73	cps
Terbium	159-1	15939981	16133646	16152844	16075490	0.73	cps
Terbium	159-2	7734232	7770435	7837546	7780737	0.67	cps
Thallium	203-1	3201	3126	2917	3081	4.77	cps
Thallium	205-1	7627	7578	7077	7427	4.10	cps
Thorium	232-1	14431	13079	11789	13100	10.08	cps
Tin	118-1	12481	11380	12031	11964	4.63	cps
Titanium	47-1	4309	4418	4376	4368	1.25	cps
Uranium	238-1	7052	7619	7111	7261	4.30	cps
Vanadium	51-2	850	830	917	866	5.24	cps
Yttrium	89-1	11033467	11101662	11309062	11148063	1.29	cps
Yttrium	89-2	1503496	1539177	1552422	1531698	1.65	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:44:14	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8609	8699	8733	8680	0.74	cps
Zirconium	90-1	8211	8903	8878	8664	4.53	cps
Zirconium	91-1	1817	1925	1884	1875	2.92	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:50:17	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79511	78950	79185	79215	0.36	cps
Antimony	121-1	2366393	2373704	2387113	2375737	0.44	cps
Arsenic	75-2	80914	80823	80841	80859	0.06	cps
Barium	135-1	315056	319601	323237	319298	1.28	cps
Barium	137-1	555063	568006	561477	561515	1.15	cps
Beryllium	9-1	435009	440498	439428	438312	0.66	cps
Bismuth	209-1	12588869	12559335	12541350	12563185	0.19	cps
Bismuth	209-2	7232097	7175084	7241279	7216153	0.50	cps
Boron	10-1	18170	18554	18838	18520	1.81	cps
Boron	11-1	85215	83053	84864	84378	1.37	cps
Cadmium	111-1	367259	364113	369873	367081	0.79	cps
Cadmium	106-1	38202	37743	37860	37935	0.63	cps
Cadmium	108-1	24334	24238	24638	24403	0.86	cps
Calcium	43-1	89798	92438	91835	91357	1.51	cps
Calcium	44-1	1448246	1463243	1473326	1461605	0.86	cps
Chromium	52-2	375122	377706	376655	376494	0.35	cps
Cobalt	59-2	628961	629206	635676	631281	0.60	cps
Copper	63-2	445454	446834	451476	447921	0.70	cps
Dysprosium	156-1	0	33	25	19	89.22	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	117	158	175	150	20.03	cps
Erbium	164-2	70	43	67	60	24.22	cps
Gadolinium	160-1	58	58	67	61	7.87	cps
Gadolinium	160-2	283	207	227	239	16.65	cps
Holmium	165-1	18224039	18283072	18360034	18289048	0.37	cps
Holmium	165-2	9324869	9302117	9338970	9321985	0.20	cps
Indium	115-1	13523232	13401624	13560452	13495103	0.62	cps
Indium	115-2	2464964	2477922	2475183	2472690	0.28	cps
Iron	56-2	3310831	3333126	3343227	3329061	0.50	cps
Iron	57-2	84017	83816	84292	84042	0.28	cps
Krypton	83-1	347	420	290	352	18.50	cps
Lead	206-1	2452819	2442766	2451523	2449036	0.22	cps
Lead	207-1	2116679	2135162	2135087	2128976	0.50	cps
Lead	208-1	9697331	9710057	9698940	9702109	0.07	cps
Lithium	6-1	6798330	6875651	6799381	6824454	0.65	cps
Magnesium	24-2	422331	417735	426534	422200	1.04	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:50:17	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	228095	229867	232419	230127	0.94	cps
Molybdenum	94-1	180292	180777	180452	180507	0.14	cps
Molybdenum	95-1	90955	89732	90931	90539	0.77	cps
Molybdenum	96-1	120817	122666	118598	120694	1.69	cps
Molybdenum	97-1	57801	58513	55300	57204	2.95	cps
Molybdenum	98-1	146884	149359	146672	147638	1.01	cps
Neodymium	150-1	33	40	0	24	87.67	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	164747	165118	165367	165077	0.19	cps
Phosphorus	31-2	200	150	183	178	14.32	cps
Potassium	39-2	585948	581678	581602	583076	0.43	cps
Rhodium	103-1	12061386	12129490	12068336	12086404	0.31	cps
Rhodium	103-2	5540235	5613660	5573291	5575728	0.66	cps
Scandium	45-1	9007504	9105519	9026500	9046508	0.57	cps
Scandium	45-2	363907	368125	367710	366581	0.63	cps
Selenium	77-2	2460	2524	2440	2475	1.76	cps
Selenium	78-2	8069	8126	7911	8036	1.38	cps
Selenium	82-1	57401	57824	58662	57962	1.11	cps
Silicon	28-1	394089	392569	398652	395103	0.80	cps
Silver	109-1	1680593	1674319	1669058	1674657	0.34	cps
Silver	107-1	1733352	1740252	1737116	1736907	0.20	cps
Sodium	23-2	1352047	1348416	1354497	1351653	0.23	cps
Strontium	86-1	79537	80526	81607	80557	1.29	cps
Strontium	88-1	688958	699383	701117	696486	0.94	cps
Sulfur	34-1	265025	265318	262615	264319	0.56	cps
Terbium	159-1	18475264	18456317	18440403	18457328	0.09	cps
Terbium	159-2	9109878	9083517	9015600	9069665	0.54	cps
Thallium	203-1	3024438	2984117	3012289	3006948	0.69	cps
Thallium	205-1	7284972	7086590	7235485	7202349	1.43	cps
Thorium	232-1	3979	3645	3478	3701	6.88	cps
Tin	118-1	159014	158730	163145	160296	1.54	cps
Titanium	47-1	28019	27668	28587	28091	1.65	cps
Uranium	238-1	869997	873360	877442	873600	0.43	cps
Vanadium	51-2	304189	301455	305911	303851	0.74	cps
Yttrium	89-1	13602409	13797718	13671290	13690472	0.72	cps
Yttrium	89-2	1850327	1838042	1856371	1848247	0.51	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:50:17	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	137837	139102	141154	139364	1.20	cps
Zirconium	90-1	350378	352816	354114	352436	0.54	cps
Zirconium	91-1	79396	79957	78934	79429	0.64	cps

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 17:55:27 DataFile Name : 013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2925	3142	2775	2948	6.26	cps
Antimony	121-1	22828	23003	22394	22741	1.38	cps
Arsenic	75-2	406	378	346	377	7.88	cps
Barium	135-1	30735	30125	29883	30248	1.45	cps
Barium	137-1	53688	54382	52810	53627	1.47	cps
Beryllium	9-1	4323	4490	4556	4456	2.70	cps
Bismuth	209-1	12690096	12704621	12576859	12657192	0.55	cps
Bismuth	209-2	7312576	7224252	7244669	7260499	0.64	cps
Boron	10-1	23027	24103	24863	23998	3.85	cps
Boron	11-1	104821	105678	110243	106914	2.73	cps
Cadmium	111-1	6467	6913	6809	6730	3.46	cps
Cadmium	106-1	4543	5235	5051	4943	7.25	cps
Cadmium	108-1	263	229	283	258	10.58	cps
Calcium	43-1	21666	22376	21424	21822	2.27	cps
Calcium	44-1	345975	345116	346769	345953	0.24	cps
Chromium	52-2	8072	8409	8166	8216	2.12	cps
Cobalt	59-2	5771	6085	6128	5995	3.25	cps
Copper	63-2	8629	8980	9006	8872	2.37	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	20	20	33	24	31.49	cps
Gadolinium	160-1	75	33	33	47	50.95	cps
Gadolinium	160-2	240	227	183	217	13.67	cps
Holmium	165-1	18354849	18474215	18271781	18366948	0.55	cps
Holmium	165-2	9364369	9342864	9373587	9360273	0.17	cps
Indium	115-1	13589684	13677502	13588158	13618448	0.38	cps
Indium	115-2	2410694	2456758	2453963	2440472	1.06	cps
Iron	56-2	172203	173593	176420	174072	1.23	cps
Iron	57-2	4362	4529	4751	4547	4.29	cps
Krypton	83-1	320	370	400	363	11.12	cps
Lead	206-1	11628	11461	11539	11542	0.72	cps
Lead	207-1	9982	10276	10382	10213	2.03	cps
Lead	208-1	46656	47151	47418	47075	0.82	cps
Lithium	6-1	6871826	6849807	6860771	6860801	0.16	cps
Magnesium	24-2	171739	169253	172135	171042	0.91	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:55:27	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2510	2394	2507	2470	2.69	cps
Molybdenum	94-1	25691	25306	25156	25384	1.09	cps
Molybdenum	95-1	31469	31202	31469	31380	0.49	cps
Molybdenum	96-1	34384	34660	34301	34448	0.54	cps
Molybdenum	97-1	20374	19339	19731	19814	2.64	cps
Molybdenum	98-1	50248	51109	50207	50521	1.01	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1513	1727	1740	1660	7.66	cps
Phosphorus	31-2	542	533	625	567	8.95	cps
Potassium	39-2	145735	144960	148066	146253	1.11	cps
Rhodium	103-1	12250502	12278784	12213352	12247546	0.27	cps
Rhodium	103-2	5602700	5543726	5566635	5571020	0.53	cps
Scandium	45-1	9089439	9191346	9149447	9143410	0.56	cps
Scandium	45-2	361789	364223	366719	364244	0.68	cps
Selenium	77-2	60	67	80	69	14.78	cps
Selenium	78-2	272	274	263	270	2.21	cps
Selenium	82-1	1517	1433	1429	1459	3.43	cps
Silicon	28-1	327148	329681	329473	328768	0.43	cps
Silver	109-1	14750	15401	14975	15042	2.20	cps
Silver	107-1	14934	16085	15709	15576	3.77	cps
Sodium	23-2	333825	329761	335258	332948	0.86	cps
Strontium	86-1	4601	4734	4526	4620	2.29	cps
Strontium	88-1	34242	35344	36055	35214	2.59	cps
Sulfur	34-1	258640	260144	259505	259429	0.29	cps
Terbium	159-1	18544803	18597940	18568545	18570429	0.14	cps
Terbium	159-2	9160007	9128071	9126066	9138048	0.21	cps
Thallium	203-1	14375	13749	14008	14044	2.24	cps
Thallium	205-1	34011	33852	33894	33919	0.24	cps
Thorium	232-1	48652	48730	48585	48656	0.15	cps
Tin	118-1	54749	53729	54866	54448	1.15	cps
Titanium	47-1	9620	9845	9545	9670	1.62	cps
Uranium	238-1	44201	45724	44310	44745	1.90	cps
Vanadium	51-2	15004	15432	14677	15038	2.51	cps
Yttrium	89-1	13871594	13948503	13875473	13898523	0.31	cps
Yttrium	89-2	1813233	1821835	1833992	1823020	0.57	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 17:55:27	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1867	1773	1823	1821	2.56	cps
Zirconium	90-1	21842	21225	22043	21703	1.96	cps
Zirconium	91-1	4759	4768	5168	4898	4.77	cps

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 18:02:37 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	42	100	83	43.59	cps
Antimony	121-1	350	408	433	397	10.77	cps
Arsenic	75-2	20	4	13	12	67.66	cps
Barium	135-1	92	58	50	67	33.07	cps
Barium	137-1	142	92	133	122	21.92	cps
Beryllium	9-1	106	111	78	98	18.19	cps
Bismuth	209-1	12583558	12601892	12500035	12561828	0.43	cps
Bismuth	209-2	7193548	7206012	7195441	7198334	0.09	cps
Boron	10-1	3709	3501	3567	3592	2.96	cps
Boron	11-1	16935	16635	15584	16384	4.33	cps
Cadmium	111-1	3079	2948	3280	3103	5.39	cps
Cadmium	106-1	4318	4159	4568	4348	4.74	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	417	325	308	350	16.67	cps
Calcium	44-1	11956	11322	12190	11823	3.80	cps
Chromium	52-2	993	1110	1053	1052	5.54	cps
Cobalt	59-2	83	107	67	86	23.48	cps
Copper	63-2	447	463	397	436	7.97	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	100	17	108	75	67.58	cps
Erbium	164-2	27	17	27	23	24.74	cps
Gadolinium	160-1	92	58	42	64	39.85	cps
Gadolinium	160-2	227	203	290	240	18.69	cps
Holmium	165-1	18274084	18364227	18312949	18317087	0.25	cps
Holmium	165-2	9344341	9346674	9348127	9346381	0.02	cps
Indium	115-1	13481848	13598626	13498932	13526468	0.47	cps
Indium	115-2	2409056	2411021	2418392	2412823	0.20	cps
Iron	56-2	5007	5246	5118	5123	2.33	cps
Iron	57-2	178	117	217	170	29.59	cps
Krypton	83-1	340	317	360	339	6.40	cps
Lead	206-1	661	672	689	674	2.07	cps
Lead	207-1	550	511	528	530	3.68	cps
Lead	208-1	2622	2500	2389	2504	4.66	cps
Lithium	6-1	6750277	6817457	6763987	6777240	0.52	cps
Magnesium	24-2	667	558	442	556	20.26	cps

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 18:02:37 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	163	147	143	151	7.09	cps
Molybdenum	94-1	525	567	508	533	5.63	cps
Molybdenum	95-1	233	242	142	206	26.99	cps
Molybdenum	96-1	375	317	333	342	8.79	cps
Molybdenum	97-1	117	100	158	125	24.04	cps
Molybdenum	98-1	392	358	358	369	5.21	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	77	73	90	80	11.02	cps
Phosphorus	31-2	133	100	142	125	17.63	cps
Potassium	39-2	12831	12456	13131	12806	2.64	cps
Rhodium	103-1	12182126	12178032	12164754	12174970	0.07	cps
Rhodium	103-2	5624379	5615038	5581353	5606923	0.40	cps
Scandium	45-1	9092983	9107400	9069153	9089846	0.21	cps
Scandium	45-2	361018	360046	366371	362478	0.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	41	44	46	12.39	cps
Selenium	82-1	55	102	17	58	73.89	cps
Silicon	28-1	214880	214684	213029	214198	0.47	cps
Silver	109-1	117	133	242	164	41.41	cps
Silver	107-1	150	175	333	219	45.30	cps
Sodium	23-2	15817	15559	15075	15483	2.43	cps
Strontium	86-1	542	542	625	569	8.45	cps
Strontium	88-1	283	308	417	336	21.09	cps
Sulfur	34-1	271231	269044	270335	270203	0.41	cps
Terbium	159-1	18495384	18576106	18508967	18526819	0.23	cps
Terbium	159-2	9095293	9108470	9204842	9136202	0.65	cps
Thallium	203-1	567	567	550	561	1.72	cps
Thallium	205-1	1408	1217	1233	1286	8.26	cps
Thorium	232-1	1017	1033	928	993	5.72	cps
Tin	118-1	883	950	875	903	4.55	cps
Titanium	47-1	175	158	150	161	7.90	cps
Uranium	238-1	167	242	175	194	21.14	cps
Vanadium	51-2	3	13	13	10	57.75	cps
Yttrium	89-1	13670759	13815236	13875461	13787152	0.76	cps
Yttrium	89-2	1800347	1816751	1827702	1814933	0.76	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:02:37	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1130	1037	1073	1080	4.35	cps
Zirconium	90-1	1217	958	1050	1075	12.18	cps
Zirconium	91-1	242	242	217	233	6.19	cps

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 18:06:13 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11969055	12047032	12098821	12038303	0.54	cps
Antimony	121-1	12948	12264	13582	12931	5.10	cps
Arsenic	75-2	102	126	128	119	12.21	cps
Barium	135-1	4551	4701	4626	4626	1.62	cps
Barium	137-1	7828	7619	8336	7928	4.65	cps
Beryllium	9-1	1228	1133	1122	1161	5.00	cps
Bismuth	209-1	11168739	11184892	11236710	11196780	0.32	cps
Bismuth	209-2	5856776	6195601	6217140	6089839	3.32	cps
Boron	10-1	3517	3009	3109	3212	8.39	cps
Boron	11-1	13682	13640	14091	13804	1.80	cps
Cadmium	111-1	4057	4079	4412	4182	4.76	cps
Cadmium	106-1	3676	3751	4192	3873	7.21	cps
Cadmium	108-1	2709	2579	2742	2677	3.21	cps
Calcium	43-1	3852219	3907530	3915514	3891754	0.89	cps
Calcium	44-1	63032297	63322529	63665968	63340265	0.50	cps
Chromium	52-2	66378	66901	67591	66957	0.91	cps
Cobalt	59-2	6438	6391	5995	6275	3.88	cps
Copper	63-2	28498	28685	29122	28768	1.11	cps
Dysprosium	156-1	92	92	17	67	64.95	cps
Dysprosium	156-2	50	33	27	37	32.78	cps
Erbium	164-1	100	100	58	86	27.93	cps
Erbium	164-2	30	30	57	39	39.59	cps
Gadolinium	160-1	67	75	92	78	16.37	cps
Gadolinium	160-2	260	207	200	222	14.80	cps
Holmium	165-1	17568355	17870406	18038021	17825594	1.34	cps
Holmium	165-2	8869836	8886388	8966820	8907681	0.58	cps
Indium	115-1	11933588	12152129	12222269	12102662	1.24	cps
Indium	115-2	2154991	2180474	2195227	2176897	0.94	cps
Iron	56-2	290144118	291647562	292134351	291308677	0.36	cps
Iron	57-2	7066431	7046663	7081723	7064939	0.25	cps
Krypton	83-1	320	310	307	312	2.22	cps
Lead	206-1	60315	62173	60800	61096	1.58	cps
Lead	207-1	47909	47714	47943	47855	0.26	cps
Lead	208-1	225569	230423	229586	228526	1.14	cps
Lithium	6-1	6132873	6142158	6137627	6137552	0.08	cps
Magnesium	24-2	30089190	30323640	30393581	30268804	0.53	cps

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 18:06:13 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16196	16656	16209	16354	1.60	cps
Molybdenum	94-1	6264740	6283119	6346590	6298150	0.68	cps
Molybdenum	95-1	11032575	11176991	11245089	11151552	0.97	cps
Molybdenum	96-1	11819836	11969070	12033839	11940915	0.92	cps
Molybdenum	97-1	7004186	7019956	7084964	7036369	0.61	cps
Molybdenum	98-1	17828133	17966071	18135119	17976441	0.86	cps
Neodymium	150-1	80	33	67	60	40.07	cps
Neodymium	150-2	30	23	23	26	15.07	cps
Nickel	60-2	7292	7605	7382	7426	2.17	cps
Phosphorus	31-2	640262	645632	663184	649693	1.85	cps
Potassium	39-2	24586097	25074590	25167762	24942816	1.25	cps
Rhodium	103-1	10258879	10194257	10317044	10256727	0.60	cps
Rhodium	103-2	4711753	4749442	4758827	4740007	0.53	cps
Scandium	45-1	8077383	8167132	8267006	8170507	1.16	cps
Scandium	45-2	319630	326360	327697	324562	1.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	31	48	41	20.83	cps
Selenium	82-1	81	95	43	73	37.11	cps
Silicon	28-1	389777	398045	400025	395949	1.37	cps
Silver	109-1	1167	1067	1033	1089	6.37	cps
Silver	107-1	1183	1300	1150	1211	6.50	cps
Sodium	23-2	58519670	58627095	59138728	58761831	0.56	cps
Strontium	86-1	130177	129605	131935	130572	0.93	cps
Strontium	88-1	1118296	1129709	1145982	1131329	1.23	cps
Sulfur	34-1	6578556	6652217	6701372	6644048	0.93	cps
Terbium	159-1	17611410	17971042	17991240	17857897	1.20	cps
Terbium	159-2	8604443	8573079	8592197	8589907	0.18	cps
Thallium	203-1	1633	2150	2084	1956	14.37	cps
Thallium	205-1	3909	4935	5293	4712	15.24	cps
Thorium	232-1	1889	1717	1583	1730	8.86	cps
Tin	118-1	2909	2517	3100	2842	10.46	cps
Titanium	47-1	3361465	3434460	3465224	3420383	1.56	cps
Uranium	238-1	1158	1133	1108	1133	2.21	cps
Vanadium	51-2	427	420	443	430	2.80	cps
Yttrium	89-1	12500667	12556176	12762675	12606506	1.10	cps
Yttrium	89-2	1647775	1668416	1682983	1666391	1.06	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:06:13	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6412	6838	7018	6756	4.61	cps
Zirconium	90-1	1550	1717	1950	1739	11.56	cps
Zirconium	91-1	325	392	350	356	9.47	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:10:13	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12249700	12379611	12212696	12280669	0.71	cps
Antimony	121-1	235741	234936	238494	236390	0.79	cps
Arsenic	75-2	6870	7198	6848	6972	2.81	cps
Barium	135-1	66577	67171	68846	67531	1.74	cps
Barium	137-1	115999	120595	117855	118150	1.96	cps
Beryllium	9-1	78659	78569	76816	78015	1.33	cps
Bismuth	209-1	11376134	11496184	11572948	11481755	0.86	cps
Bismuth	209-2	6287899	6264862	6258176	6270312	0.25	cps
Boron	10-1	44475	45344	45369	45063	1.13	cps
Boron	11-1	196134	201468	202853	200151	1.77	cps
Cadmium	111-1	66389	67158	67580	67043	0.90	cps
Cadmium	106-1	9537	9412	9654	9534	1.27	cps
Cadmium	108-1	6743	7123	7102	6989	3.05	cps
Calcium	43-1	4110056	4141835	4147139	4133010	0.49	cps
Calcium	44-1	65894845	66430556	66550308	66291903	0.53	cps
Chromium	52-2	135311	137063	135092	135822	0.80	cps
Cobalt	59-2	115601	116350	116058	116003	0.33	cps
Copper	63-2	104093	104467	103986	104182	0.24	cps
Dysprosium	156-1	50	50	67	56	17.32	cps
Dysprosium	156-2	17	27	53	32	58.81	cps
Erbium	164-1	58	75	117	83	36.05	cps
Erbium	164-2	37	77	53	56	36.17	cps
Gadolinium	160-1	83	150	108	114	29.57	cps
Gadolinium	160-2	240	253	260	251	4.06	cps
Holmium	165-1	18283368	18367626	18528373	18393122	0.68	cps
Holmium	165-2	8955729	9034608	8931154	8973830	0.60	cps
Indium	115-1	12435771	12565137	12581210	12527373	0.64	cps
Indium	115-2	2190141	2191844	2193460	2191815	0.08	cps
Iron	56-2	299008718	296188629	293526895	296241414	0.93	cps
Iron	57-2	7160183	7195405	7214327	7189972	0.38	cps
Krypton	83-1	340	323	337	333	2.65	cps
Lead	206-1	287907	288824	292070	289600	0.76	cps
Lead	207-1	236648	243254	240324	240075	1.38	cps
Lead	208-1	1108041	1120633	1128484	1119053	0.92	cps
Lithium	6-1	6195772	6147373	6180098	6174414	0.40	cps
Magnesium	24-2	30976509	30864152	30818560	30886407	0.26	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:10:13	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57244	59360	58944	58516	1.92	cps
Molybdenum	94-1	6746328	6826144	6828006	6800159	0.69	cps
Molybdenum	95-1	11870759	12073909	12013212	11985960	0.87	cps
Molybdenum	96-1	12691034	12929784	12826636	12815818	0.93	cps
Molybdenum	97-1	7495112	7594497	7542376	7543995	0.66	cps
Molybdenum	98-1	19200516	19398197	19315308	19304673	0.51	cps
Neodymium	150-1	93	60	73	76	22.21	cps
Neodymium	150-2	20	20	27	22	17.33	cps
Nickel	60-2	34551	34902	34611	34688	0.54	cps
Phosphorus	31-2	662022	674275	660371	665556	1.14	cps
Potassium	39-2	25424100	25607644	25429712	25487152	0.41	cps
Rhodium	103-1	10590657	10669585	10657241	10639161	0.40	cps
Rhodium	103-2	4821607	4845118	4838997	4835241	0.25	cps
Scandium	45-1	8387340	8458198	8537178	8460905	0.89	cps
Scandium	45-2	336098	333288	332504	333963	0.57	cps
Selenium	77-2	190	173	177	180	4.90	cps
Selenium	78-2	685	698	672	685	1.89	cps
Selenium	82-1	4970	4812	4991	4924	1.99	cps
Silicon	28-1	912359	925685	927242	921762	0.89	cps
Silver	109-1	278059	279657	284731	280816	1.24	cps
Silver	107-1	287733	291472	296554	291920	1.52	cps
Sodium	23-2	60259972	60223891	59778151	60087338	0.45	cps
Strontium	86-1	137789	140837	140086	139571	1.14	cps
Strontium	88-1	1183630	1211936	1207545	1201037	1.27	cps
Sulfur	34-1	6866787	6955557	6946442	6922929	0.71	cps
Terbium	159-1	18471071	18487190	18521666	18493309	0.14	cps
Terbium	159-2	8673580	8726255	8649000	8682945	0.45	cps
Thallium	203-1	288583	288481	290068	289044	0.31	cps
Thallium	205-1	686518	701119	701229	696289	1.22	cps
Thorium	232-1	1122	1028	978	1043	7.04	cps
Tin	118-1	586821	584690	590888	587466	0.54	cps
Titanium	47-1	3643960	3698903	3702141	3681668	0.89	cps
Uranium	238-1	842	783	908	845	7.41	cps
Vanadium	51-2	55410	55782	55521	55571	0.34	cps
Yttrium	89-1	12990161	13199575	13192831	13127522	0.91	cps
Yttrium	89-2	1689910	1695645	1693408	1692988	0.17	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:10:13	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17961	17738	17794	17831	0.65	cps
Zirconium	90-1	1784	1775	1617	1725	5.44	cps
Zirconium	91-1	550	400	475	475	15.79	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:13:48	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7383710	7389200	7349947	7374286	0.29	cps
Antimony	121-1	5461687	5541659	5580855	5528067	1.10	cps
Arsenic	75-2	170089	173115	171794	171666	0.88	cps
Barium	135-1	7877740	7823251	7801381	7834124	0.50	cps
Barium	137-1	13775494	13740014	13718628	13744712	0.21	cps
Beryllium	9-1	1859149	1858729	1873447	1863775	0.45	cps
Bismuth	209-1	10822673	11012367	10792349	10875796	1.10	cps
Bismuth	209-2	5768972	5810793	5848480	5809415	0.68	cps
Boron	10-1	366800	375914	382026	374913	2.04	cps
Boron	11-1	1681315	1710063	1746813	1712730	1.92	cps
Cadmium	111-1	1515924	1545576	1546516	1536005	1.13	cps
Cadmium	106-1	168161	171898	173085	171048	1.50	cps
Cadmium	108-1	115961	117919	117307	117062	0.86	cps
Calcium	43-1	10490339	10427347	10355503	10424396	0.65	cps
Calcium	44-1	165215712	166940325	163688712	165281583	0.98	cps
Chromium	52-2	1839289	1847143	1848012	1844815	0.26	cps
Cobalt	59-2	2786966	2811817	2817326	2805370	0.58	cps
Copper	63-2	3969225	4002118	4015099	3995481	0.59	cps
Dysprosium	156-1	167	167	158	164	2.93	cps
Dysprosium	156-2	110	147	177	144	23.12	cps
Erbium	164-1	67	133	83	94	36.73	cps
Erbium	164-2	23	43	30	32	31.61	cps
Gadolinium	160-1	150	150	183	161	11.94	cps
Gadolinium	160-2	243	270	193	236	16.52	cps
Holmium	165-1	18271802	18581834	18158923	18337520	1.19	cps
Holmium	165-2	8906131	8841823	8819563	8855839	0.51	cps
Indium	115-1	12233484	12379865	12104703	12239351	1.12	cps
Indium	115-2	2174926	2185329	2196981	2185746	0.50	cps
Iron	56-2	381830175	379596997	379787397	380404857	0.33	cps
Iron	57-2	9281285	9237913	9256189	9258462	0.24	cps
Krypton	83-1	343	313	363	340	7.40	cps
Lead	206-1	5536503	5664778	5631318	5610866	1.19	cps
Lead	207-1	4990835	5078855	5067442	5045711	0.95	cps
Lead	208-1	22725652	22905751	22770914	22800772	0.41	cps
Lithium	6-1	5924291	5982789	5940600	5949227	0.51	cps
Magnesium	24-2	83941741	83854575	84352331	84049549	0.32	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:13:48	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2182066	2188409	2197152	2189209	0.35	cps
Molybdenum	94-1	12652682	12637552	12612607	12634280	0.16	cps
Molybdenum	95-1	15439926	15316251	15319682	15358620	0.46	cps
Molybdenum	96-1	17358868	17004293	17011077	17124746	1.18	cps
Molybdenum	97-1	9654009	9577675	9713353	9648346	0.70	cps
Molybdenum	98-1	24722768	24481919	24613609	24606099	0.49	cps
Neodymium	150-1	567	533	647	582	10.00	cps
Neodymium	150-2	60	43	67	57	21.21	cps
Nickel	60-2	710767	716041	713220	713343	0.37	cps
Phosphorus	31-2	70425	71991	72434	71616	1.47	cps
Potassium	39-2	33558891	33884128	33946825	33796615	0.62	cps
Rhodium	103-1	10230132	10265100	10163404	10219545	0.51	cps
Rhodium	103-2	4645141	4698504	4732330	4691992	0.94	cps
Scandium	45-1	8462032	8500404	8306437	8422958	1.22	cps
Scandium	45-2	344524	345221	347601	345782	0.47	cps
Selenium	77-2	5314	5231	5084	5210	2.24	cps
Selenium	78-2	17062	16904	16914	16960	0.52	cps
Selenium	82-1	122513	124427	124882	123941	1.01	cps
Silicon	28-1	5102165	5136374	5155938	5131492	0.53	cps
Silver	109-1	7055075	7020643	7089961	7055226	0.49	cps
Silver	107-1	7334429	7308445	7300342	7314406	0.24	cps
Sodium	23-2	157393270	157693608	158371879	157819585	0.32	cps
Strontium	86-1	2085040	2082620	2101461	2089707	0.49	cps
Strontium	88-1	18192922	17998263	18050815	18080667	0.56	cps
Sulfur	34-1	1008595	1010645	1016274	1011838	0.39	cps
Terbium	159-1	18343990	18467691	18262675	18358119	0.56	cps
Terbium	159-2	8568229	8536301	8561168	8555232	0.20	cps
Thallium	203-1	6997312	7013276	7051544	7020710	0.40	cps
Thallium	205-1	16754552	16842327	16732371	16776417	0.35	cps
Thorium	232-1	26189130	26004066	26123524	26105574	0.36	cps
Tin	118-1	5279945	5337579	5334895	5317473	0.61	cps
Titanium	47-1	4575831	4638857	4595380	4603356	0.70	cps
Uranium	238-1	25446252	25115308	25130411	25230657	0.74	cps
Vanadium	51-2	1464863	1477387	1482696	1474982	0.62	cps
Yttrium	89-1	13022433	13040191	12948996	13003873	0.37	cps
Yttrium	89-2	1707894	1725193	1725546	1719544	0.59	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:13:48	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	635369	641109	641557	639345	0.54	cps
Zirconium	90-1	10743145	10528766	10615798	10629236	1.01	cps
Zirconium	91-1	2354862	2367756	2382742	2368453	0.59	cps

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : CCB85 Instrumnet Name : P7
 Client Sample ID : CCB85 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 18:17:28 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	267	300	261	16.06	cps
Antimony	121-1	2142	1950	1759	1950	9.83	cps
Arsenic	75-2	7	22	20	17	48.42	cps
Barium	135-1	300	150	275	242	33.25	cps
Barium	137-1	450	350	450	417	13.86	cps
Beryllium	9-1	217	122	239	193	32.16	cps
Bismuth	209-1	13276302	13244431	13067938	13196224	0.85	cps
Bismuth	209-2	7299348	7349338	7353167	7333951	0.41	cps
Boron	10-1	12214	11555	11421	11730	3.62	cps
Boron	11-1	56800	52952	49440	53064	6.94	cps
Cadmium	111-1	3081	3467	3187	3245	6.13	cps
Cadmium	106-1	4201	4751	4409	4454	6.24	cps
Cadmium	108-1	25	25	17	22	21.64	cps
Calcium	43-1	483	375	408	422	13.14	cps
Calcium	44-1	12532	13040	12323	12632	2.92	cps
Chromium	52-2	903	903	930	912	1.69	cps
Cobalt	59-2	100	137	83	107	25.58	cps
Copper	63-2	560	560	657	592	9.42	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	17	0	0	6	173.21	cps
Erbium	164-1	42	92	83	72	37.09	cps
Erbium	164-2	30	23	13	22	37.76	cps
Gadolinium	160-1	75	25	108	69	60.40	cps
Gadolinium	160-2	197	187	183	189	3.67	cps
Holmium	165-1	18983002	19250445	18964583	19066010	0.84	cps
Holmium	165-2	9491195	9466800	9509521	9489172	0.23	cps
Indium	115-1	13905360	13991496	13952296	13949717	0.31	cps
Indium	115-2	2437040	2438172	2482686	2452633	1.06	cps
Iron	56-2	12361	11783	12428	12191	2.91	cps
Iron	57-2	361	294	356	337	10.97	cps
Krypton	83-1	353	340	307	333	7.21	cps
Lead	206-1	945	906	956	935	2.81	cps
Lead	207-1	911	1006	928	948	5.32	cps
Lead	208-1	3973	3917	3995	3961	1.01	cps
Lithium	6-1	6784508	6819227	6807718	6803818	0.26	cps
Magnesium	24-2	1617	1625	1800	1681	6.16	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:17:28	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	77	67	74	9.32	cps
Molybdenum	94-1	2784	2534	2134	2484	13.20	cps
Molybdenum	95-1	4276	3576	3042	3631	17.04	cps
Molybdenum	96-1	4293	3492	3309	3698	14.15	cps
Molybdenum	97-1	2600	2150	1834	2195	17.56	cps
Molybdenum	98-1	6268	5059	4926	5418	13.65	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	80	70	97	82	16.39	cps
Phosphorus	31-2	125	167	133	142	15.56	cps
Potassium	39-2	15067	14966	15225	15086	0.86	cps
Rhodium	103-1	12403755	12592833	12356886	12451158	1.00	cps
Rhodium	103-2	5638026	5651789	5680977	5656931	0.39	cps
Scandium	45-1	9156879	9289644	9204293	9216938	0.73	cps
Scandium	45-2	365683	363624	369373	366227	0.80	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	70	50	44	55	24.85	cps
Selenium	82-1	36	43	129	69	75.34	cps
Silicon	28-1	248396	246014	244925	246445	0.72	cps
Silver	109-1	725	633	650	669	7.29	cps
Silver	107-1	717	717	742	725	1.99	cps
Sodium	23-2	38868	36504	37139	37503	3.26	cps
Strontium	86-1	575	567	683	608	10.70	cps
Strontium	88-1	517	508	450	492	7.39	cps
Sulfur	34-1	245177	248462	248259	247300	0.74	cps
Terbium	159-1	19267658	19364305	19262480	19298147	0.30	cps
Terbium	159-2	9185689	9169398	9227550	9194212	0.33	cps
Thallium	203-1	1700	1784	1292	1592	16.53	cps
Thallium	205-1	3834	3776	3501	3703	4.81	cps
Thorium	232-1	4184	4029	3879	4030	3.79	cps
Tin	118-1	1617	1659	1408	1561	8.58	cps
Titanium	47-1	333	317	283	311	8.18	cps
Uranium	238-1	700	683	617	667	6.61	cps
Vanadium	51-2	20	20	27	22	17.33	cps
Yttrium	89-1	14051878	14228156	14260244	14180093	0.79	cps
Yttrium	89-2	1823033	1831885	1873718	1842879	1.47	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:17:28	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	440	380	473	431	10.97	cps
Zirconium	90-1	1700	1458	1500	1553	8.32	cps
Zirconium	91-1	342	408	350	367	9.91	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:21:02	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2967	2867	3075	2970	3.51	cps
Antimony	121-1	24263	23863	23245	23790	2.16	cps
Arsenic	75-2	426	396	419	414	3.73	cps
Barium	135-1	32456	32080	32531	32355	0.75	cps
Barium	137-1	57094	55269	56641	56335	1.69	cps
Beryllium	9-1	4334	4406	4417	4386	1.03	cps
Bismuth	209-1	13284974	13269444	13129115	13227844	0.65	cps
Bismuth	209-2	7472371	7476704	7437636	7462237	0.29	cps
Boron	10-1	24972	23828	25556	24785	3.55	cps
Boron	11-1	106507	110124	114826	110486	3.78	cps
Cadmium	111-1	7280	6885	7059	7075	2.80	cps
Cadmium	106-1	5426	5118	5293	5279	2.93	cps
Cadmium	108-1	271	229	275	258	9.81	cps
Calcium	43-1	21458	22084	22451	21998	2.28	cps
Calcium	44-1	360014	359979	358198	359397	0.29	cps
Chromium	52-2	8399	8259	8513	8390	1.51	cps
Cobalt	59-2	6088	5938	5908	5978	1.61	cps
Copper	63-2	9313	8900	9290	9167	2.53	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	17	0	8	107.84	cps
Erbium	164-1	50	58	67	58	14.29	cps
Erbium	164-2	23	20	17	20	16.65	cps
Gadolinium	160-1	50	83	108	81	36.33	cps
Gadolinium	160-2	207	193	230	210	8.84	cps
Holmium	165-1	19301252	19395588	19404436	19367092	0.30	cps
Holmium	165-2	9735718	9739284	9726073	9733692	0.07	cps
Indium	115-1	14287082	14402178	14203678	14297646	0.70	cps
Indium	115-2	2495189	2500957	2525844	2507330	0.65	cps
Iron	56-2	176510	179901	180525	178979	1.21	cps
Iron	57-2	4545	4673	4634	4618	1.42	cps
Krypton	83-1	327	337	333	332	1.53	cps
Lead	206-1	12373	12262	12312	12315	0.45	cps
Lead	207-1	10221	10693	10999	10638	3.69	cps
Lead	208-1	48375	48347	49504	48742	1.35	cps
Lithium	6-1	6817609	6947283	6912356	6892416	0.97	cps
Magnesium	24-2	172480	176655	176951	175362	1.43	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:21:02	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2567	2457	2354	2459	4.34	cps
Molybdenum	94-1	26509	27536	27653	27232	2.31	cps
Molybdenum	95-1	33356	33591	32680	33209	1.42	cps
Molybdenum	96-1	36439	37643	35796	36626	2.56	cps
Molybdenum	97-1	20732	20457	20791	20660	0.86	cps
Molybdenum	98-1	53635	53744	53911	53763	0.26	cps
Neodymium	150-1	33	0	0	11	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1613	1700	1733	1682	3.68	cps
Phosphorus	31-2	567	442	617	542	16.64	cps
Potassium	39-2	150135	149755	152317	150736	0.92	cps
Rhodium	103-1	12723155	12805936	12842703	12790598	0.48	cps
Rhodium	103-2	5768350	5816110	5816488	5800316	0.48	cps
Scandium	45-1	9472286	9575973	9441876	9496712	0.74	cps
Scandium	45-2	377338	377904	384197	379813	1.00	cps
Selenium	77-2	70	57	43	57	23.53	cps
Selenium	78-2	270	222	226	240	11.19	cps
Selenium	82-1	1577	1650	1624	1617	2.28	cps
Silicon	28-1	336000	334279	336717	335665	0.37	cps
Silver	109-1	16102	16060	15768	15976	1.14	cps
Silver	107-1	17086	17169	17203	17153	0.35	cps
Sodium	23-2	345028	346316	349902	347082	0.73	cps
Strontium	86-1	4818	5076	4551	4815	5.45	cps
Strontium	88-1	36113	34801	36197	35704	2.19	cps
Sulfur	34-1	267191	268816	268467	268158	0.32	cps
Terbium	159-1	19572693	19538417	19458436	19523182	0.30	cps
Terbium	159-2	9462518	9439639	9454942	9452367	0.12	cps
Thallium	203-1	14575	14458	14776	14603	1.10	cps
Thallium	205-1	34605	36342	35707	35551	2.47	cps
Thorium	232-1	49109	49946	49405	49487	0.86	cps
Tin	118-1	57041	57367	57970	57460	0.82	cps
Titanium	47-1	9662	9904	10254	9940	3.00	cps
Uranium	238-1	46460	46735	45599	46265	1.28	cps
Vanadium	51-2	15231	15478	16016	15575	2.57	cps
Yttrium	89-1	14482596	14633729	14552344	14556223	0.52	cps
Yttrium	89-2	1876604	1890070	1900708	1889127	0.64	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:21:02	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1923	1743	1727	1798	6.07	cps
Zirconium	90-1	22969	23244	23512	23242	1.17	cps
Zirconium	91-1	4918	4918	5159	4998	2.79	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	PB115404BL	Instrumnet Name :	P7
Client Sample ID :	PB115404BL	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:24:36	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	67	100	83	20.00	cps
Antimony	121-1	333	300	367	333	10.00	cps
Arsenic	75-2	9	11	4	8	48.07	cps
Barium	135-1	42	42	100	61	55.11	cps
Barium	137-1	167	183	125	158	18.97	cps
Beryllium	9-1	83	156	122	120	30.03	cps
Bismuth	209-1	13174366	13297634	13110851	13194284	0.72	cps
Bismuth	209-2	7512101	7457438	7453228	7474256	0.44	cps
Boron	10-1	4292	4201	4034	4176	3.14	cps
Boron	11-1	20081	19814	18170	19355	5.35	cps
Cadmium	111-1	3181	3178	3344	3234	2.93	cps
Cadmium	106-1	4509	4509	4718	4579	2.63	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	208	217	133	186	24.66	cps
Calcium	44-1	10038	10280	9830	10049	2.24	cps
Chromium	52-2	1000	997	993	997	0.33	cps
Cobalt	59-2	103	107	53	88	34.04	cps
Copper	63-2	487	473	463	474	2.47	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	100	50	75	75	33.33	cps
Erbium	164-2	17	30	13	20	44.10	cps
Gadolinium	160-1	58	42	75	58	28.57	cps
Gadolinium	160-2	193	227	250	223	12.75	cps
Holmium	165-1	19421835	19575870	19445592	19481099	0.43	cps
Holmium	165-2	9710644	9766179	9636643	9704489	0.67	cps
Indium	115-1	14405422	14282308	14320183	14335971	0.44	cps
Indium	115-2	2495852	2522361	2498464	2505559	0.58	cps
Iron	56-2	5590	5685	5629	5635	0.84	cps
Iron	57-2	122	200	172	165	23.91	cps
Krypton	83-1	353	380	397	377	5.80	cps
Lead	206-1	694	561	694	650	11.84	cps
Lead	207-1	644	567	506	572	12.17	cps
Lead	208-1	2767	2661	2456	2628	6.02	cps
Lithium	6-1	6886067	6951745	6897684	6911832	0.51	cps
Magnesium	24-2	600	408	600	536	20.64	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	PB115404BL	Instrumnet Name :	P7
Client Sample ID :	PB115404BL	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:24:36	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	63	60	58	12.01	cps
Molybdenum	94-1	792	767	758	772	2.25	cps
Molybdenum	95-1	633	392	300	442	38.99	cps
Molybdenum	96-1	708	492	483	561	22.73	cps
Molybdenum	97-1	283	217	208	236	17.41	cps
Molybdenum	98-1	600	692	808	700	14.92	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	50	43	77	57	31.13	cps
Phosphorus	31-2	125	125	167	139	17.32	cps
Potassium	39-2	13673	13665	13807	13715	0.58	cps
Rhodium	103-1	12944932	12973073	12939289	12952431	0.14	cps
Rhodium	103-2	5820534	5874170	5814530	5836411	0.56	cps
Scandium	45-1	9548798	9618244	9596338	9587793	0.37	cps
Scandium	45-2	382623	383298	381946	382622	0.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	59	43	53	17.21	cps
Selenium	82-1	53	71	-15	36	125.49	cps
Silicon	28-1	237058	238259	240818	238712	0.80	cps
Silver	109-1	292	317	233	281	15.24	cps
Silver	107-1	375	283	275	311	17.84	cps
Sodium	23-2	23978	23711	22718	23469	2.83	cps
Strontium	86-1	550	658	550	586	10.67	cps
Strontium	88-1	283	267	242	264	7.95	cps
Sulfur	34-1	270368	272644	266915	269976	1.07	cps
Terbium	159-1	19668480	19762028	19637860	19689456	0.33	cps
Terbium	159-2	9422587	9414945	9359564	9399032	0.37	cps
Thallium	203-1	717	575	483	592	19.87	cps
Thallium	205-1	1558	1367	1500	1475	6.66	cps
Thorium	232-1	1372	1289	1317	1326	3.20	cps
Tin	118-1	925	950	967	947	2.21	cps
Titanium	47-1	158	183	233	192	19.93	cps
Uranium	238-1	133	83	108	108	23.08	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	14621611	14782004	14587814	14663810	0.71	cps
Yttrium	89-2	1909340	1910256	1912049	1910548	0.07	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	PB115404BL	Instrumnet Name :	P7
Client Sample ID :	PB115404BL	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:24:36	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	463	393	430	429	8.16	cps
Zirconium	90-1	1275	1083	1175	1178	8.14	cps
Zirconium	91-1	267	208	258	244	12.91	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	PB115404BS	Instrumnet Name :	P7
Client Sample ID :	PB115404BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:28:10	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1374955	1379062	1376176	1376731	0.15	cps
Antimony	121-1	5951102	5925053	5909928	5928694	0.35	cps
Arsenic	75-2	185772	188139	187618	187176	0.66	cps
Barium	135-1	7992480	7970639	7894648	7952589	0.65	cps
Barium	137-1	13828986	13897997	13848787	13858590	0.26	cps
Beryllium	9-1	2057824	2068645	2054814	2060428	0.35	cps
Bismuth	209-1	12068102	12082365	12133319	12094595	0.28	cps
Bismuth	209-2	6659054	6636718	6635791	6643854	0.20	cps
Boron	10-1	394543	404332	410146	403007	1.96	cps
Boron	11-1	1776815	1823795	1855183	1818597	2.17	cps
Cadmium	111-1	1717590	1714556	1724443	1718863	0.29	cps
Cadmium	106-1	187844	187414	190608	188622	0.92	cps
Cadmium	108-1	126274	127488	129136	127633	1.13	cps
Calcium	43-1	2201271	2182077	2177135	2186828	0.58	cps
Calcium	44-1	35035942	34605009	34465865	34702272	0.86	cps
Chromium	52-2	1779131	1788174	1789376	1785560	0.31	cps
Cobalt	59-2	2849923	2898948	2845781	2864884	1.03	cps
Copper	63-2	3941119	3939056	3956351	3945508	0.24	cps
Dysprosium	156-1	192	108	75	125	48.08	cps
Dysprosium	156-2	113	103	137	118	14.52	cps
Erbium	164-1	83	75	67	75	11.11	cps
Erbium	164-2	20	47	50	39	42.28	cps
Gadolinium	160-1	108	83	92	94	13.48	cps
Gadolinium	160-2	243	220	260	241	8.33	cps
Holmium	165-1	18861774	18782926	18804626	18816442	0.22	cps
Holmium	165-2	9137622	9205256	9130214	9157697	0.45	cps
Indium	115-1	13171237	12966780	13047875	13061964	0.79	cps
Indium	115-2	2295054	2331393	2316149	2314198	0.79	cps
Iron	56-2	78425041	78174971	77907002	78169005	0.33	cps
Iron	57-2	1904568	1916595	1898719	1906627	0.48	cps
Krypton	83-1	357	353	353	354	0.54	cps
Lead	206-1	6088297	5837752	6034259	5986769	2.20	cps
Lead	207-1	5169137	5244954	5316970	5243687	1.41	cps
Lead	208-1	24045195	23791417	24190647	24009086	0.84	cps
Lithium	6-1	6594218	6557971	6598658	6583616	0.34	cps
Magnesium	24-2	17130315	17066492	16933536	17043448	0.59	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	PB115404BS	Instrumnet Name :	P7
Client Sample ID :	PB115404BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:28:10	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2198607	2188884	2192711	2193400	0.22	cps
Molybdenum	94-1	12791310	12674441	12660332	12708694	0.57	cps
Molybdenum	95-1	15570425	15500130	15499097	15523217	0.26	cps
Molybdenum	96-1	17365414	17124517	17116755	17202229	0.82	cps
Molybdenum	97-1	9754284	9680329	9681309	9705307	0.44	cps
Molybdenum	98-1	24868586	24770179	24609451	24749405	0.53	cps
Neodymium	150-1	467	440	500	469	6.41	cps
Neodymium	150-2	53	77	73	68	18.63	cps
Nickel	60-2	743433	747547	746877	745953	0.30	cps
Phosphorus	31-2	72511	74947	73574	73677	1.66	cps
Potassium	39-2	6653968	6569691	6629321	6617660	0.65	cps
Rhodium	103-1	11409658	11389439	11329944	11376347	0.36	cps
Rhodium	103-2	5099781	5155345	5134572	5129899	0.55	cps
Scandium	45-1	8878718	8815953	8754462	8816378	0.70	cps
Scandium	45-2	347257	344869	343686	345271	0.53	cps
Selenium	77-2	5311	5391	5404	5369	0.94	cps
Selenium	78-2	17970	18223	17791	17995	1.21	cps
Selenium	82-1	133305	133282	133823	133470	0.23	cps
Silicon	28-1	5628589	5689714	5681446	5666583	0.59	cps
Silver	109-1	7905609	7790826	7783195	7826544	0.88	cps
Silver	107-1	8158987	8109014	8149683	8139228	0.33	cps
Sodium	23-2	31284112	31416009	31230445	31310189	0.30	cps
Strontium	86-1	2065212	2081972	2100183	2082456	0.84	cps
Strontium	88-1	18152905	18087708	18112569	18117727	0.18	cps
Sulfur	34-1	1057314	1065414	1051769	1058166	0.65	cps
Terbium	159-1	18900195	18891890	18848921	18880335	0.15	cps
Terbium	159-2	8886617	8932012	8811922	8876851	0.68	cps
Thallium	203-1	7234169	7133332	7213648	7193716	0.74	cps
Thallium	205-1	17289633	17171742	17341480	17267618	0.50	cps
Thorium	232-1	25570746	25781142	25710111	25687333	0.42	cps
Tin	118-1	5390805	5408012	5491270	5430029	0.99	cps
Titanium	47-1	4727348	4645482	4715349	4696060	0.94	cps
Uranium	238-1	24948879	24596685	24930107	24825224	0.80	cps
Vanadium	51-2	1435149	1441396	1437785	1438110	0.22	cps
Yttrium	89-1	13641844	13602463	13457504	13567270	0.72	cps
Yttrium	89-2	1757747	1775696	1761072	1764838	0.54	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	PB115404BS	Instrumnet Name :	P7
Client Sample ID :	PB115404BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:28:10	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	623923	624528	624603	624351	0.06	cps
Zirconium	90-1	10750114	10642729	10679317	10690720	0.51	cps
Zirconium	91-1	2345450	2365199	2370443	2360364	0.56	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01	Instrumnet Name :	P7
Client Sample ID :	S32-0639	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:31:45	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5276	5051	5043	5123	2.58	cps
Antimony	121-1	30117	26201	24439	26919	10.80	cps
Arsenic	75-2	4699	4601	4573	4624	1.43	cps
Barium	135-1	102341	101443	100796	101527	0.76	cps
Barium	137-1	177268	178474	176019	177254	0.69	cps
Beryllium	9-1	183	172	183	180	3.57	cps
Bismuth	209-1	11568746	11683234	11589320	11613767	0.53	cps
Bismuth	209-2	6151684	5885322	6125896	6054300	2.43	cps
Boron	10-1	55586	56055	53211	54951	2.77	cps
Boron	11-1	258439	256825	247720	254328	2.27	cps
Cadmium	111-1	4015	3564	3377	3652	8.98	cps
Cadmium	106-1	4768	4368	4159	4431	6.98	cps
Cadmium	108-1	92	79	79	83	8.66	cps
Calcium	43-1	1987251	2018270	1997222	2000914	0.79	cps
Calcium	44-1	32127747	32033715	31727853	31963105	0.65	cps
Chromium	52-2	5588	5708	5481	5592	2.03	cps
Cobalt	59-2	2250	2244	2130	2208	3.05	cps
Copper	63-2	3447	3494	3240	3394	3.97	cps
Dysprosium	156-1	383	475	392	417	12.17	cps
Dysprosium	156-2	127	187	177	163	19.68	cps
Erbium	164-1	408	442	558	469	16.78	cps
Erbium	164-2	183	210	190	194	7.14	cps
Gadolinium	160-1	408	350	375	378	7.75	cps
Gadolinium	160-2	377	393	347	372	6.35	cps
Holmium	165-1	18142954	18427376	18215833	18262054	0.81	cps
Holmium	165-2	8569794	8529348	8486553	8528565	0.49	cps
Indium	115-1	12799308	13015111	13076887	12963769	1.12	cps
Indium	115-2	2122090	2159817	2156705	2146204	0.98	cps
Iron	56-2	999433	996775	981402	992537	0.98	cps
Iron	57-2	32414	32264	31495	32058	1.54	cps
Krypton	83-1	603	633	530	589	9.03	cps
Lead	206-1	5401	4707	3990	4699	15.02	cps
Lead	207-1	4923	4051	3573	4182	16.37	cps
Lead	208-1	21824	18578	16115	18839	15.20	cps
Lithium	6-1	7133590	7483788	7634113	7417164	3.46	cps
Magnesium	24-2	5934664	5818543	5757218	5836809	1.54	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01	Instrumnet Name :	P7
Client Sample ID :	S32-0639	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:31:45	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1565314	1565394	1552890	1561199	0.46	cps
Molybdenum	94-1	60295	61717	59851	60621	1.61	cps
Molybdenum	95-1	106688	103465	103398	104517	1.80	cps
Molybdenum	96-1	111105	109434	109796	110112	0.80	cps
Molybdenum	97-1	66003	64647	63182	64611	2.18	cps
Molybdenum	98-1	168595	167457	163564	166538	1.58	cps
Neodymium	150-1	513	493	540	516	4.54	cps
Neodymium	150-2	183	180	130	164	18.17	cps
Nickel	60-2	2054	2204	2004	2087	4.99	cps
Phosphorus	31-2	575	508	492	525	8.40	cps
Potassium	39-2	4615358	4578447	4558747	4584184	0.63	cps
Rhodium	103-1	11164751	11326063	11232381	11241065	0.72	cps
Rhodium	103-2	4814052	4853828	4827274	4831718	0.42	cps
Scandium	45-1	8565438	8727099	8676801	8656446	0.96	cps
Scandium	45-2	317657	315813	313978	315816	0.58	cps
Selenium	77-2	10	13	23	16	44.60	cps
Selenium	78-2	74	44	50	56	28.05	cps
Selenium	82-1	-105	-111	-14	-77	-70.94	cps
Silicon	28-1	43329660	43248200	42512699	43030186	1.05	cps
Silver	109-1	8928	6427	4543	6632	33.17	cps
Silver	107-1	9128	6452	5059	6880	30.06	cps
Sodium	23-2	42010860	41686496	41269462	41655606	0.89	cps
Strontium	86-1	1648258	1639474	1636972	1641568	0.36	cps
Strontium	88-1	14342808	14441729	14403233	14395923	0.35	cps
Sulfur	34-1	1716213	1716452	1691537	1708067	0.84	cps
Terbium	159-1	18237998	18504151	18338020	18360056	0.73	cps
Terbium	159-2	8322741	8208869	8242413	8258008	0.71	cps
Thallium	203-1	15835	10880	8061	11592	33.95	cps
Thallium	205-1	37772	26269	18680	27574	34.86	cps
Thorium	232-1	7147	6324	5418	6296	13.73	cps
Tin	118-1	15943	14258	12948	14383	10.44	cps
Titanium	47-1	4092	3951	4042	4029	1.78	cps
Uranium	238-1	152676	152004	151364	152015	0.43	cps
Vanadium	51-2	2237	2294	2270	2267	1.26	cps
Yttrium	89-1	13232788	13510381	13274974	13339381	1.12	cps
Yttrium	89-2	1627296	1630740	1626783	1628273	0.13	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01	Instrumnet Name :	P7
Client Sample ID :	S32-0639	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:31:45	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7162	6902	6785	6950	2.78	cps
Zirconium	90-1	3201	3000	2750	2984	7.56	cps
Zirconium	91-1	758	717	750	742	2.97	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0639DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:35:19	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4459	4734	4284	4493	5.05	cps
Antimony	121-1	13015	13090	14049	13385	4.31	cps
Arsenic	75-2	4130	4306	4082	4173	2.83	cps
Barium	135-1	96342	95158	94814	95438	0.84	cps
Barium	137-1	168291	167633	166859	167594	0.43	cps
Beryllium	9-1	294	317	217	276	19.03	cps
Bismuth	209-1	10874007	10839810	10931752	10881856	0.43	cps
Bismuth	209-2	5596333	5675501	5653537	5641790	0.72	cps
Boron	10-1	44207	43865	43940	44004	0.41	cps
Boron	11-1	199643	195981	205507	200377	2.40	cps
Cadmium	111-1	2752	2874	2756	2794	2.47	cps
Cadmium	106-1	3617	3709	3634	3653	1.34	cps
Cadmium	108-1	67	50	42	53	24.12	cps
Calcium	43-1	1851292	1847872	1833817	1844327	0.50	cps
Calcium	44-1	29521069	29749975	29377256	29549433	0.64	cps
Chromium	52-2	4961	4978	4898	4945	0.85	cps
Cobalt	59-2	2087	1937	2007	2010	3.73	cps
Copper	63-2	2450	2434	2310	2398	3.19	cps
Dysprosium	156-1	383	300	408	364	15.59	cps
Dysprosium	156-2	150	223	153	176	23.59	cps
Erbium	164-1	450	317	350	372	18.64	cps
Erbium	164-2	190	187	160	179	9.19	cps
Gadolinium	160-1	358	325	333	339	5.12	cps
Gadolinium	160-2	317	363	323	334	7.55	cps
Holmium	165-1	17003510	16938548	17135682	17025913	0.59	cps
Holmium	165-2	8088152	8043044	8022117	8051105	0.42	cps
Indium	115-1	12002588	11993130	11934832	11976850	0.31	cps
Indium	115-2	1986087	1976199	1997524	1986603	0.54	cps
Iron	56-2	914828	912044	906850	911241	0.44	cps
Iron	57-2	29380	29202	29257	29280	0.31	cps
Krypton	83-1	317	363	333	338	7.00	cps
Lead	206-1	2650	2811	2661	2708	3.32	cps
Lead	207-1	2339	2150	2006	2165	7.72	cps
Lead	208-1	11091	10291	10119	10500	4.94	cps
Lithium	6-1	7125404	7050595	7103304	7093101	0.54	cps
Magnesium	24-2	5229095	5131245	5115861	5158734	1.19	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0639DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:35:19	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1428285	1410036	1423022	1420448	0.66	cps
Molybdenum	94-1	54329	55709	55601	55213	1.39	cps
Molybdenum	95-1	93941	96450	95284	95225	1.32	cps
Molybdenum	96-1	103079	100796	101275	101717	1.18	cps
Molybdenum	97-1	59249	59835	59642	59575	0.50	cps
Molybdenum	98-1	152441	150520	154017	152326	1.15	cps
Neodymium	150-1	447	360	447	418	11.98	cps
Neodymium	150-2	160	183	187	177	8.23	cps
Nickel	60-2	2080	2177	1920	2059	6.30	cps
Phosphorus	31-2	417	458	500	458	9.09	cps
Potassium	39-2	4108033	4039017	4041292	4062780	0.97	cps
Rhodium	103-1	10370436	10365171	10371937	10369181	0.03	cps
Rhodium	103-2	4460059	4434048	4475217	4456441	0.47	cps
Scandium	45-1	7863577	7880662	7774720	7839653	0.73	cps
Scandium	45-2	279771	277767	276002	277847	0.68	cps
Selenium	77-2	17	13	23	18	28.64	cps
Selenium	78-2	41	56	57	51	17.83	cps
Selenium	82-1	119	114	144	126	12.81	cps
Silicon	28-1	39247561	39185052	39083812	39172142	0.21	cps
Silver	109-1	2392	2442	2042	2292	9.51	cps
Silver	107-1	2600	2209	2284	2364	8.80	cps
Sodium	23-2	37028998	36496820	36169091	36564970	1.19	cps
Strontium	86-1	1533702	1540109	1529566	1534459	0.35	cps
Strontium	88-1	13485232	13488258	13441161	13471550	0.20	cps
Sulfur	34-1	1547210	1553976	1535831	1545672	0.59	cps
Terbium	159-1	17154168	17206326	17159272	17173255	0.17	cps
Terbium	159-2	7853307	7762763	7722832	7779634	0.86	cps
Thallium	203-1	1975	1984	1959	1972	0.65	cps
Thallium	205-1	5060	4834	4509	4801	5.76	cps
Thorium	232-1	3473	3851	3740	3688	5.27	cps
Tin	118-1	8436	7911	8278	8208	3.28	cps
Titanium	47-1	3876	4226	4242	4115	5.03	cps
Uranium	238-1	146734	148168	147003	147302	0.52	cps
Vanadium	51-2	2090	2207	2064	2120	3.60	cps
Yttrium	89-1	12295411	12309772	12225740	12276975	0.37	cps
Yttrium	89-2	1498819	1481500	1486356	1488892	0.60	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0639DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:35:19	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5748	5665	5748	5720	0.84	cps
Zirconium	90-1	2850	2642	2417	2636	8.22	cps
Zirconium	91-1	642	708	592	647	9.04	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 18:38:54	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1108	933	783	942	17.27	cps
Antimony	121-1	4101	3551	3517	3723	8.80	cps
Arsenic	75-2	891	913	1009	938	6.72	cps
Barium	135-1	19623	18404	18563	18864	3.51	cps
Barium	137-1	33341	31487	32731	32520	2.91	cps
Beryllium	9-1	89	94	117	100	14.70	cps
Bismuth	209-1	11673035	11350521	11441965	11488507	1.45	cps
Bismuth	209-2	6546391	6598179	6630293	6591621	0.64	cps
Boron	10-1	11280	12030	11638	11649	3.22	cps
Boron	11-1	52835	54976	55394	54402	2.52	cps
Cadmium	111-1	2933	2446	2844	2741	9.45	cps
Cadmium	106-1	4076	3434	4034	3848	9.33	cps
Cadmium	108-1	17	17	25	19	24.73	cps
Calcium	43-1	358091	359705	355076	357624	0.66	cps
Calcium	44-1	5768071	5731571	5755385	5751675	0.32	cps
Chromium	52-2	1767	1803	1727	1766	2.17	cps
Cobalt	59-2	493	463	443	467	5.39	cps
Copper	63-2	933	903	897	911	2.14	cps
Dysprosium	156-1	50	67	150	89	60.28	cps
Dysprosium	156-2	27	37	47	37	27.27	cps
Erbium	164-1	125	108	100	111	11.46	cps
Erbium	164-2	73	73	43	63	27.35	cps
Gadolinium	160-1	67	125	142	111	35.44	cps
Gadolinium	160-2	207	237	193	212	10.46	cps
Holmium	165-1	17043672	16829867	16867389	16913643	0.67	cps
Holmium	165-2	8643141	8675003	8633901	8650682	0.25	cps
Indium	115-1	12415461	12114953	12152866	12227760	1.34	cps
Indium	115-2	2161211	2183946	2194809	2179989	0.79	cps
Iron	56-2	193468	194397	193721	193862	0.25	cps
Iron	57-2	5990	6085	6335	6137	2.90	cps
Krypton	83-1	347	370	340	352	4.47	cps
Lead	206-1	672	733	611	672	9.09	cps
Lead	207-1	733	644	756	711	8.27	cps
Lead	208-1	2939	3006	2911	2952	1.64	cps
Lithium	6-1	6329297	6158522	6208820	6232213	1.41	cps
Magnesium	24-2	1063873	1069888	1071861	1068540	0.39	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 18:38:54	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	297077	297638	300687	298467	0.65	cps
Molybdenum	94-1	10613	11597	11305	11171	4.52	cps
Molybdenum	95-1	18187	18604	18888	18560	1.90	cps
Molybdenum	96-1	20207	19681	20265	20051	1.60	cps
Molybdenum	97-1	11547	11714	11063	11441	2.95	cps
Molybdenum	98-1	30066	30266	30116	30150	0.35	cps
Neodymium	150-1	80	100	87	89	11.46	cps
Neodymium	150-2	37	17	20	24	43.83	cps
Nickel	60-2	433	417	487	446	8.21	cps
Phosphorus	31-2	192	158	175	175	9.53	cps
Potassium	39-2	854973	859358	862210	858847	0.42	cps
Rhodium	103-1	10944010	10750143	10737014	10810389	1.07	cps
Rhodium	103-2	4909815	4947175	4991796	4949595	0.83	cps
Scandium	45-1	8009404	7847617	7859815	7905612	1.14	cps
Scandium	45-2	299769	298819	302115	300235	0.57	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	56	48	39	48	17.57	cps
Selenium	82-1	46	-1	54	33	89.69	cps
Silicon	28-1	7890356	7869418	7840212	7866662	0.32	cps
Silver	109-1	958	750	817	842	12.64	cps
Silver	107-1	925	842	792	853	7.90	cps
Sodium	23-2	7592898	7592100	7579437	7588145	0.10	cps
Strontium	86-1	301690	296928	300961	299859	0.86	cps
Strontium	88-1	2613796	2588305	2598387	2600163	0.49	cps
Sulfur	34-1	479182	479869	479244	479431	0.08	cps
Terbium	159-1	17401723	16968713	17088246	17152894	1.30	cps
Terbium	159-2	8365851	8367712	8379895	8371153	0.09	cps
Thallium	203-1	625	600	450	558	16.95	cps
Thallium	205-1	1308	1267	1150	1242	6.61	cps
Thorium	232-1	922	950	789	887	9.71	cps
Tin	118-1	1800	1583	1659	1681	6.55	cps
Titanium	47-1	1017	792	883	897	12.62	cps
Uranium	238-1	28341	28282	28666	28429	0.73	cps
Vanadium	51-2	467	480	373	440	13.21	cps
Yttrium	89-1	12515366	12241067	12356961	12371131	1.11	cps
Yttrium	89-2	1612834	1626252	1623790	1620959	0.44	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 18:38:54	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1710	1760	1827	1766	3.32	cps
Zirconium	90-1	1275	1133	1300	1236	7.27	cps
Zirconium	91-1	142	358	233	244	44.49	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MS	Instrumnet Name :	P7
Client Sample ID :	S32-0639MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:42:29	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	939355	940559	936462	938792	0.22	cps
Antimony	121-1	4846024	4936158	4977439	4919874	1.37	cps
Arsenic	75-2	143509	145439	144606	144518	0.67	cps
Barium	135-1	6752340	6794128	6790931	6779133	0.34	cps
Barium	137-1	11844564	11752083	11883489	11826712	0.57	cps
Beryllium	9-1	1608709	1613861	1608273	1610281	0.19	cps
Bismuth	209-1	9807398	9941820	9931458	9893559	0.76	cps
Bismuth	209-2	5173277	5232120	5348147	5251182	1.69	cps
Boron	10-1	342574	346429	350224	346409	1.10	cps
Boron	11-1	1556863	1589996	1593990	1580283	1.29	cps
Cadmium	111-1	1392307	1404703	1416469	1404493	0.86	cps
Cadmium	106-1	151662	153759	153269	152897	0.72	cps
Cadmium	108-1	102681	105455	104401	104179	1.34	cps
Calcium	43-1	3376708	3369980	3404837	3383842	0.55	cps
Calcium	44-1	53915255	53203303	53780730	53633096	0.71	cps
Chromium	52-2	1357415	1364111	1352260	1357929	0.44	cps
Cobalt	59-2	2218669	2225488	2209844	2218001	0.35	cps
Copper	63-2	3039882	3042883	3013580	3032115	0.53	cps
Dysprosium	156-1	417	400	467	428	8.11	cps
Dysprosium	156-2	273	257	300	277	7.90	cps
Erbium	164-1	342	400	392	378	8.35	cps
Erbium	164-2	200	147	177	174	15.33	cps
Gadolinium	160-1	425	442	325	397	15.88	cps
Gadolinium	160-2	320	317	293	310	4.69	cps
Holmium	165-1	15587715	15851851	15922595	15787387	1.12	cps
Holmium	165-2	7557412	7571739	7709140	7612764	1.10	cps
Indium	115-1	10642241	10667021	10671735	10660332	0.15	cps
Indium	115-2	1794223	1798450	1836480	1809718	1.29	cps
Iron	56-2	58879421	58806489	58237182	58641030	0.60	cps
Iron	57-2	1448036	1453060	1433102	1444733	0.72	cps
Krypton	83-1	373	400	397	390	3.72	cps
Lead	206-1	4954960	5055973	5115466	5042133	1.61	cps
Lead	207-1	4322042	4422591	4453012	4399215	1.56	cps
Lead	208-1	19977265	20284593	20398272	20220043	1.08	cps
Lithium	6-1	6107764	6206388	6240605	6184919	1.12	cps
Magnesium	24-2	15747961	15610995	15534795	15631250	0.69	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MS	Instrumnet Name :	P7
Client Sample ID :	S32-0639MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:42:29	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2920515	2953914	2924913	2933114	0.62	cps
Molybdenum	94-1	10596117	10651109	10721251	10656159	0.59	cps
Molybdenum	95-1	12978989	13011164	13035166	13008440	0.22	cps
Molybdenum	96-1	14407169	14437058	14605186	14483138	0.74	cps
Molybdenum	97-1	8209076	8192078	8238456	8213203	0.29	cps
Molybdenum	98-1	21024069	20887232	21062550	20991284	0.44	cps
Neodymium	150-1	887	833	833	851	3.62	cps
Neodymium	150-2	213	210	180	201	9.13	cps
Nickel	60-2	577422	574233	574436	575364	0.31	cps
Phosphorus	31-2	333	375	450	386	15.31	cps
Potassium	39-2	8269176	8231461	8151009	8217215	0.73	cps
Rhodium	103-1	9165894	9335785	9215241	9238973	0.95	cps
Rhodium	103-2	4031740	4059409	4151098	4080749	1.53	cps
Scandium	45-1	6995818	7021650	6991859	7003109	0.23	cps
Scandium	45-2	247584	249468	252349	249800	0.96	cps
Selenium	77-2	3801	3947	3867	3872	1.90	cps
Selenium	78-2	13343	13226	13099	13223	0.93	cps
Selenium	82-1	106139	106523	107205	106622	0.51	cps
Silicon	28-1	37903734	38293224	38335828	38177595	0.62	cps
Silver	109-1	6264306	6263173	6234055	6253844	0.27	cps
Silver	107-1	6431275	6506205	6495067	6477516	0.62	cps
Sodium	23-2	53193151	52645538	52118305	52652331	1.02	cps
Strontium	86-1	3093565	3177599	3208359	3159841	1.88	cps
Strontium	88-1	27373470	27424509	27402721	27400234	0.09	cps
Sulfur	34-1	1361456	1347937	1356236	1355210	0.50	cps
Terbium	159-1	15636076	15907613	15857944	15800544	0.92	cps
Terbium	159-2	7336604	7264317	7390194	7330372	0.86	cps
Thallium	203-1	6248278	6275671	6331132	6285027	0.67	cps
Thallium	205-1	15006273	15183599	15118189	15102687	0.59	cps
Thorium	232-1	7236	6780	6885	6967	3.43	cps
Tin	118-1	4437405	4503927	4526932	4489421	1.04	cps
Titanium	47-1	3728621	3775371	3771839	3758610	0.69	cps
Uranium	238-1	22016930	22230943	22269760	22172544	0.61	cps
Vanadium	51-2	1088737	1100302	1087471	1092170	0.65	cps
Yttrium	89-1	11055974	11101997	11119643	11092538	0.30	cps
Yttrium	89-2	1372358	1373990	1403754	1383367	1.28	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MS	Instrumnet Name :	P7
Client Sample ID :	S32-0639MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:42:29	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	436965	441946	440838	439916	0.59	cps
Zirconium	90-1	9027125	9022900	9005538	9018521	0.13	cps
Zirconium	91-1	1983671	2016323	2021723	2007239	1.03	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSD	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:46:04	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	881079	864896	864804	870260	1.08	cps
Antimony	121-1	4696465	4719214	4734689	4716790	0.41	cps
Arsenic	75-2	135793	136449	137145	136462	0.50	cps
Barium	135-1	6499982	6470490	6478816	6483096	0.23	cps
Barium	137-1	11313656	11342520	11395906	11350694	0.37	cps
Beryllium	9-1	1512908	1516007	1508906	1512607	0.24	cps
Bismuth	209-1	9595882	9687572	9627185	9636880	0.48	cps
Bismuth	209-2	5100343	5153549	5151492	5135128	0.59	cps
Boron	10-1	326628	336466	335385	332826	1.62	cps
Boron	11-1	1476641	1513703	1545868	1512070	2.29	cps
Cadmium	111-1	1340018	1353873	1346692	1346861	0.51	cps
Cadmium	106-1	144032	147424	146255	145904	1.18	cps
Cadmium	108-1	98581	100457	99991	99677	0.98	cps
Calcium	43-1	3205084	3200776	3186851	3197570	0.30	cps
Calcium	44-1	50893415	50321821	50551864	50589033	0.57	cps
Chromium	52-2	1276191	1267478	1268422	1270697	0.38	cps
Cobalt	59-2	2087602	2075620	2071857	2078360	0.40	cps
Copper	63-2	2863106	2858817	2849017	2856980	0.25	cps
Dysprosium	156-1	358	367	392	372	4.66	cps
Dysprosium	156-2	193	240	220	218	10.75	cps
Erbium	164-1	400	467	475	447	9.19	cps
Erbium	164-2	180	163	153	166	8.13	cps
Gadolinium	160-1	358	333	417	369	11.58	cps
Gadolinium	160-2	320	287	303	303	5.50	cps
Holmium	165-1	15111806	15324735	15399450	15278664	0.98	cps
Holmium	165-2	7384457	7443603	7340757	7389605	0.70	cps
Indium	115-1	10160752	10279469	10242473	10227565	0.59	cps
Indium	115-2	1731524	1742439	1726608	1733524	0.47	cps
Iron	56-2	55289287	54996508	54394461	54893419	0.83	cps
Iron	57-2	1357683	1362809	1340896	1353796	0.85	cps
Krypton	83-1	360	323	377	353	7.72	cps
Lead	206-1	4846886	4902201	4961157	4903415	1.17	cps
Lead	207-1	4251061	4307639	4357643	4305448	1.24	cps
Lead	208-1	19586967	19724953	19883296	19731739	0.75	cps
Lithium	6-1	5744601	5821248	5777130	5780993	0.67	cps
Magnesium	24-2	14637681	14464429	14364208	14488773	0.95	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSD	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:46:04	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2738547	2745514	2739486	2741183	0.14	cps
Molybdenum	94-1	10152560	10226163	10145315	10174679	0.44	cps
Molybdenum	95-1	12445691	12476137	12446874	12456234	0.14	cps
Molybdenum	96-1	13782787	13786979	13792668	13787478	0.04	cps
Molybdenum	97-1	7786191	7785354	7803667	7791737	0.13	cps
Molybdenum	98-1	20058168	19996692	20109343	20054734	0.28	cps
Neodymium	150-1	693	893	780	789	12.71	cps
Neodymium	150-2	183	197	220	200	9.28	cps
Nickel	60-2	542005	543261	539632	541633	0.34	cps
Phosphorus	31-2	383	375	392	383	2.18	cps
Potassium	39-2	7676000	7682929	7549541	7636157	0.98	cps
Rhodium	103-1	8755282	8869018	8854773	8826358	0.70	cps
Rhodium	103-2	3888995	3911424	3909805	3903408	0.32	cps
Scandium	45-1	6606193	6644616	6654017	6634942	0.38	cps
Scandium	45-2	235413	232027	230431	232624	1.09	cps
Selenium	77-2	3554	3520	3677	3584	2.30	cps
Selenium	78-2	12420	12381	12189	12330	1.01	cps
Selenium	82-1	100865	101270	101735	101290	0.43	cps
Silicon	28-1	35843830	35560875	35548578	35651094	0.47	cps
Silver	109-1	6049576	6068354	5994961	6037630	0.63	cps
Silver	107-1	6234792	6227023	6258379	6240065	0.26	cps
Sodium	23-2	49213360	49075767	48515919	48935015	0.75	cps
Strontium	86-1	2997875	3034681	3034416	3022324	0.70	cps
Strontium	88-1	26228229	26417229	26151905	26265787	0.52	cps
Sulfur	34-1	1274870	1263311	1271217	1269799	0.47	cps
Terbium	159-1	15255827	15418535	15452402	15375588	0.68	cps
Terbium	159-2	7143912	7082842	7027334	7084696	0.82	cps
Thallium	203-1	6121536	6147551	6198060	6155715	0.63	cps
Thallium	205-1	14785940	14834228	14779153	14799774	0.20	cps
Thorium	232-1	5451	5440	4923	5272	5.72	cps
Tin	118-1	4262164	4283414	4318851	4288143	0.67	cps
Titanium	47-1	3542089	3549852	3585145	3559029	0.64	cps
Uranium	238-1	21631897	21602880	21876352	21703710	0.69	cps
Vanadium	51-2	1030206	1019759	1019564	1023176	0.60	cps
Yttrium	89-1	10611033	10663231	10621609	10631958	0.26	cps
Yttrium	89-2	1314988	1316347	1313718	1315018	0.10	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSD	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:46:04	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	413385	414725	412816	413642	0.24	cps
Zirconium	90-1	8645148	8619834	8624073	8629685	0.16	cps
Zirconium	91-1	1913207	1921139	1926934	1920427	0.36	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0639A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:49:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	831639	831302	824993	829311	0.45	cps
Antimony	121-1	4556513	4613951	4601114	4590526	0.66	cps
Arsenic	75-2	131869	131193	130406	131156	0.56	cps
Barium	135-1	6289192	6283454	6277569	6283405	0.09	cps
Barium	137-1	11022789	10988747	11041164	11017567	0.24	cps
Beryllium	9-1	1445880	1448624	1430901	1441802	0.66	cps
Bismuth	209-1	9323235	9430305	9427088	9393543	0.65	cps
Bismuth	209-2	4961251	5035199	5075904	5024118	1.16	cps
Boron	10-1	312090	318233	320830	317051	1.42	cps
Boron	11-1	1430466	1452991	1461780	1448413	1.12	cps
Cadmium	111-1	1296938	1312305	1318057	1309100	0.83	cps
Cadmium	106-1	140599	143527	140144	141424	1.30	cps
Cadmium	108-1	95800	96950	97126	96625	0.75	cps
Calcium	43-1	3073283	3080664	3071884	3075277	0.15	cps
Calcium	44-1	48293840	48271159	48591782	48385594	0.37	cps
Chromium	52-2	1229172	1222876	1219400	1223816	0.40	cps
Cobalt	59-2	2009536	2001033	2000724	2003764	0.25	cps
Copper	63-2	2747576	2762073	2745593	2751747	0.33	cps
Dysprosium	156-1	433	458	425	439	3.95	cps
Dysprosium	156-2	233	203	280	239	16.17	cps
Erbium	164-1	308	325	433	356	19.09	cps
Erbium	164-2	183	170	177	177	3.78	cps
Gadolinium	160-1	267	392	308	322	19.75	cps
Gadolinium	160-2	263	357	330	317	15.18	cps
Holmium	165-1	14760149	14828541	14822723	14803805	0.26	cps
Holmium	165-2	7217694	7201568	7219142	7212801	0.14	cps
Indium	115-1	9832124	9885057	9900085	9872422	0.36	cps
Indium	115-2	1667340	1676335	1687084	1676920	0.59	cps
Iron	56-2	53334014	52352260	52402760	52696344	1.05	cps
Iron	57-2	1301204	1296504	1283978	1293896	0.69	cps
Krypton	83-1	327	340	293	320	7.51	cps
Lead	206-1	4759631	4840262	4873630	4824508	1.21	cps
Lead	207-1	4172867	4272691	4294586	4246715	1.53	cps
Lead	208-1	19174946	19470153	19495438	19380179	0.92	cps
Lithium	6-1	5400679	5448060	5399965	5416235	0.51	cps
Magnesium	24-2	13903168	13758251	13699409	13786942	0.76	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0639A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:49:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2645206	2636557	2614087	2631950	0.61	cps
Molybdenum	94-1	9855720	9924869	9915802	9898797	0.38	cps
Molybdenum	95-1	11987014	12112129	12058081	12052408	0.52	cps
Molybdenum	96-1	13299165	13381413	13400840	13360473	0.40	cps
Molybdenum	97-1	7525850	7619431	7589613	7578298	0.63	cps
Molybdenum	98-1	19372006	19514597	19403978	19430193	0.39	cps
Neodymium	150-1	787	760	787	778	1.98	cps
Neodymium	150-2	183	193	180	186	3.74	cps
Nickel	60-2	520008	520765	516609	519127	0.43	cps
Phosphorus	31-2	275	408	350	344	19.41	cps
Potassium	39-2	7352792	7268186	7251057	7290678	0.75	cps
Rhodium	103-1	8497528	8531774	8516595	8515299	0.20	cps
Rhodium	103-2	3746133	3751181	3785380	3760898	0.57	cps
Scandium	45-1	6312398	6362052	6344556	6339669	0.40	cps
Scandium	45-2	222346	220875	218834	220685	0.80	cps
Selenium	77-2	3567	3577	3674	3606	1.63	cps
Selenium	78-2	12079	11955	12122	12052	0.72	cps
Selenium	82-1	96541	97600	98109	97417	0.82	cps
Silicon	28-1	33756198	34053043	34045946	33951729	0.50	cps
Silver	109-1	5780208	5818743	5813233	5804062	0.36	cps
Silver	107-1	5982361	6025696	6056199	6021419	0.62	cps
Sodium	23-2	46865896	46432560	46228676	46509044	0.70	cps
Strontium	86-1	2907397	2934743	2921235	2921125	0.47	cps
Strontium	88-1	25442880	25475359	25440622	25452954	0.08	cps
Sulfur	34-1	1205107	1201152	1200962	1202407	0.19	cps
Terbium	159-1	14684964	14914867	14921650	14840494	0.91	cps
Terbium	159-2	6914264	6931786	6980427	6942159	0.49	cps
Thallium	203-1	5820006	5944086	6074816	5946303	2.14	cps
Thallium	205-1	14280921	14331803	14466639	14359788	0.67	cps
Thorium	232-1	4823	4918	5485	5075	7.05	cps
Tin	118-1	4168909	4198910	4224877	4197565	0.67	cps
Titanium	47-1	3388765	3422082	3448790	3419879	0.88	cps
Uranium	238-1	21214489	21321043	21483436	21339656	0.63	cps
Vanadium	51-2	983726	980483	975587	979932	0.42	cps
Yttrium	89-1	10217875	10264938	10191097	10224637	0.37	cps
Yttrium	89-2	1253085	1261383	1266871	1260446	0.55	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0639A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:49:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	397738	398836	396243	397606	0.33	cps
Zirconium	90-1	8357585	8355743	8334209	8349179	0.16	cps
Zirconium	91-1	1853204	1876252	1877125	1868860	0.73	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-02	Instrumnet Name :	P7
Client Sample ID :	S32-0640	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:53:12	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7494	7577	7510	7527	0.59	cps
Antimony	121-1	10680	10704	10947	10777	1.37	cps
Arsenic	75-2	2858	2563	2682	2701	5.49	cps
Barium	135-1	180473	182576	181268	181439	0.59	cps
Barium	137-1	317755	317180	319031	317988	0.30	cps
Beryllium	9-1	250	222	211	228	8.79	cps
Bismuth	209-1	9658001	9687943	9611106	9652350	0.40	cps
Bismuth	209-2	5115907	5148702	5163455	5142688	0.47	cps
Boron	10-1	36562	34248	34524	35111	3.60	cps
Boron	11-1	159535	157858	153396	156929	2.02	cps
Cadmium	111-1	2129	2202	2368	2233	5.48	cps
Cadmium	106-1	2775	2909	3150	2945	6.46	cps
Cadmium	108-1	25	13	29	22	39.04	cps
Calcium	43-1	2558558	2570575	2553805	2560979	0.34	cps
Calcium	44-1	40831725	41133299	40748783	40904602	0.49	cps
Chromium	52-2	3324	3444	3377	3382	1.78	cps
Cobalt	59-2	6318	6265	6321	6301	0.50	cps
Copper	63-2	6275	6338	6155	6256	1.49	cps
Dysprosium	156-1	725	517	783	675	20.77	cps
Dysprosium	156-2	297	340	357	331	9.36	cps
Erbium	164-1	567	533	567	556	3.47	cps
Erbium	164-2	223	327	293	281	18.76	cps
Gadolinium	160-1	592	525	483	533	10.25	cps
Gadolinium	160-2	390	400	397	396	1.29	cps
Holmium	165-1	14635435	14562933	14719676	14639348	0.54	cps
Holmium	165-2	7272830	7232365	7205394	7236863	0.47	cps
Indium	115-1	9963386	9930909	9993238	9962511	0.31	cps
Indium	115-2	1688979	1693453	1705337	1695923	0.50	cps
Iron	56-2	13745910	13517121	13553524	13605518	0.90	cps
Iron	57-2	336434	337368	337073	336958	0.14	cps
Krypton	83-1	250	277	263	263	5.06	cps
Lead	206-1	2873	2912	3039	2941	2.97	cps
Lead	207-1	2389	2511	2367	2423	3.21	cps
Lead	208-1	11769	11636	11213	11539	2.51	cps
Lithium	6-1	5193029	5192002	5178041	5187691	0.16	cps
Magnesium	24-2	2147995	2114452	2113150	2125199	0.93	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-02	Instrumnet Name :	P7
Client Sample ID :	S32-0640	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:53:12	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2119104	2098269	2097870	2105081	0.58	cps
Molybdenum	94-1	10629	10513	10563	10568	0.55	cps
Molybdenum	95-1	18288	17453	17211	17650	3.20	cps
Molybdenum	96-1	19848	19214	19314	19458	1.75	cps
Molybdenum	97-1	10930	11071	10788	10930	1.30	cps
Molybdenum	98-1	29289	27135	27452	27959	4.16	cps
Neodymium	150-1	847	940	993	927	8.01	cps
Neodymium	150-2	340	303	343	329	6.75	cps
Nickel	60-2	2534	2364	2354	2417	4.19	cps
Phosphorus	31-2	358	317	300	325	9.25	cps
Potassium	39-2	2233835	2205854	2206814	2215501	0.72	cps
Rhodium	103-1	8569567	8628618	8623862	8607349	0.38	cps
Rhodium	103-2	3783056	3764915	3769508	3772493	0.25	cps
Scandium	45-1	6150243	6159710	6175208	6161720	0.20	cps
Scandium	45-2	212413	211318	211636	211789	0.27	cps
Selenium	77-2	20	17	20	19	10.18	cps
Selenium	78-2	35	43	50	43	17.39	cps
Selenium	82-1	235	167	175	192	19.48	cps
Silicon	28-1	31170084	31227147	30949411	31115547	0.47	cps
Silver	109-1	908	883	1000	931	6.60	cps
Silver	107-1	900	983	792	892	10.78	cps
Sodium	23-2	22234263	22088137	22069714	22130705	0.41	cps
Strontium	86-1	2409972	2413927	2403782	2409227	0.21	cps
Strontium	88-1	21293240	21258222	21080647	21210703	0.54	cps
Sulfur	34-1	2174920	2175828	2170018	2173589	0.14	cps
Terbium	159-1	14671843	14731153	14688756	14697250	0.21	cps
Terbium	159-2	6972306	6948898	6876988	6932731	0.72	cps
Thallium	203-1	2675	2542	2275	2498	8.16	cps
Thallium	205-1	6368	6335	5201	5968	11.13	cps
Thorium	232-1	1689	1678	1617	1661	2.34	cps
Tin	118-1	22085	22786	21125	21999	3.79	cps
Titanium	47-1	4851	4484	4376	4570	5.45	cps
Uranium	238-1	57822	57856	58793	58157	0.95	cps
Vanadium	51-2	1393	1487	1317	1399	6.09	cps
Yttrium	89-1	10185069	10077957	10065580	10109535	0.65	cps
Yttrium	89-2	1240988	1233218	1231892	1235366	0.40	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-02	Instrumnet Name :	P7
Client Sample ID :	S32-0640	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:53:12	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3577	3804	3674	3685	3.09	cps
Zirconium	90-1	2525	2650	2459	2545	3.82	cps
Zirconium	91-1	517	700	550	589	16.58	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:56:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5306358	5311265	5352999	5323541	0.48	cps
Antimony	121-1	4180543	4237780	4313297	4243873	1.57	cps
Arsenic	75-2	133110	134784	134956	134283	0.76	cps
Barium	135-1	6482443	6423260	6470830	6458844	0.49	cps
Barium	137-1	11382083	11104976	11296396	11261152	1.26	cps
Beryllium	9-1	1464516	1481300	1478817	1474877	0.61	cps
Bismuth	209-1	9411660	9426613	9365136	9401136	0.34	cps
Bismuth	209-2	5144929	5186095	5201450	5177491	0.56	cps
Boron	10-1	283861	291008	299675	291515	2.72	cps
Boron	11-1	1274856	1317534	1348246	1313545	2.81	cps
Cadmium	111-1	1232355	1252591	1255963	1246970	1.02	cps
Cadmium	106-1	134567	137830	137505	136634	1.32	cps
Cadmium	108-1	92965	93329	93443	93246	0.27	cps
Calcium	43-1	7905333	7944522	7891938	7913931	0.35	cps
Calcium	44-1	126840524	125281494	126026386	126049468	0.62	cps
Chromium	52-2	1389561	1408764	1415773	1404699	0.97	cps
Cobalt	59-2	2142440	2164989	2172859	2160096	0.73	cps
Copper	63-2	3070295	3108967	3116302	3098521	0.80	cps
Dysprosium	156-1	183	92	183	153	34.64	cps
Dysprosium	156-2	103	130	120	118	11.43	cps
Erbium	164-1	58	50	108	72	43.68	cps
Erbium	164-2	27	30	33	30	11.10	cps
Gadolinium	160-1	133	75	125	111	28.40	cps
Gadolinium	160-2	227	207	183	206	10.55	cps
Holmium	165-1	15365940	15389923	15492731	15416198	0.44	cps
Holmium	165-2	7827188	7827560	7856714	7837154	0.22	cps
Indium	115-1	9948322	9880246	9796185	9874918	0.77	cps
Indium	115-2	1797920	1819307	1833059	1816762	0.97	cps
Iron	56-2	288863662	293752162	294672595	292429473	1.07	cps
Iron	57-2	7091226	7129869	7170620	7130572	0.56	cps
Krypton	83-1	267	253	267	262	2.93	cps
Lead	206-1	4804217	4911897	4913645	4876586	1.29	cps
Lead	207-1	4319882	4407607	4424809	4384100	1.28	cps
Lead	208-1	19570344	19819530	19856103	19748659	0.79	cps
Lithium	6-1	4856151	4855416	4878386	4863317	0.27	cps
Magnesium	24-2	60179151	60595095	60983412	60585886	0.66	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:56:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1665316	1682004	1694013	1680444	0.86	cps
Molybdenum	94-1	10091251	10097222	10019166	10069213	0.43	cps
Molybdenum	95-1	12288878	12222369	12248319	12253188	0.27	cps
Molybdenum	96-1	13621802	13667242	13584689	13624578	0.30	cps
Molybdenum	97-1	7727836	7725065	7732422	7728441	0.05	cps
Molybdenum	98-1	19747934	19706865	19680582	19711794	0.17	cps
Neodymium	150-1	500	500	567	522	7.37	cps
Neodymium	150-2	67	80	100	82	20.40	cps
Nickel	60-2	550203	556611	554349	553721	0.59	cps
Phosphorus	31-2	51531	50997	52493	51674	1.47	cps
Potassium	39-2	24643891	24545230	24892848	24693990	0.73	cps
Rhodium	103-1	8240821	8244706	8247662	8244396	0.04	cps
Rhodium	103-2	3829507	3864816	3871338	3855220	0.58	cps
Scandium	45-1	6390706	6427381	6405421	6407836	0.29	cps
Scandium	45-2	255025	255109	258318	256150	0.73	cps
Selenium	77-2	4047	3951	4077	4025	1.64	cps
Selenium	78-2	13343	13482	13725	13517	1.43	cps
Selenium	82-1	96871	98444	98425	97913	0.92	cps
Silicon	28-1	4096538	4173447	4196319	4155435	1.26	cps
Silver	109-1	5710074	5600734	5613479	5641429	1.06	cps
Silver	107-1	5908867	5878224	5911876	5899656	0.32	cps
Sodium	23-2	113198898	113092765	113644253	113311972	0.26	cps
Strontium	86-1	1645430	1645966	1670097	1653831	0.85	cps
Strontium	88-1	14235521	14218699	14247131	14233784	0.10	cps
Sulfur	34-1	748826	750415	763006	754082	1.03	cps
Terbium	159-1	15464288	15425487	15410945	15433573	0.18	cps
Terbium	159-2	7511448	7526925	7551480	7529951	0.27	cps
Thallium	203-1	6038719	5941800	6013736	5998085	0.84	cps
Thallium	205-1	14503963	14441955	14416932	14454283	0.31	cps
Thorium	232-1	22891110	22819940	22666739	22792596	0.50	cps
Tin	118-1	4329162	4336385	4386903	4350817	0.72	cps
Titanium	47-1	3529497	3569039	3548865	3549133	0.56	cps
Uranium	238-1	22104248	22123368	21848567	22025394	0.70	cps
Vanadium	51-2	1099583	1119974	1116741	1112099	0.99	cps
Yttrium	89-1	10373670	10319315	10315996	10336327	0.31	cps
Yttrium	89-2	1376747	1389769	1394771	1387096	0.67	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 18:56:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	489301	494694	497695	493897	0.86	cps
Zirconium	90-1	8468121	8439101	8469777	8458999	0.20	cps
Zirconium	91-1	1875110	1887905	1899233	1887416	0.64	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:00:26	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	175	267	189	38.04	cps
Antimony	121-1	2575	2084	2217	2292	11.10	cps
Arsenic	75-2	28	30	33	30	9.34	cps
Barium	135-1	317	283	225	275	16.87	cps
Barium	137-1	383	575	458	472	20.45	cps
Beryllium	9-1	311	244	289	281	12.06	cps
Bismuth	209-1	10956481	11167976	11250572	11125010	1.36	cps
Bismuth	209-2	6716287	6685962	6656304	6686184	0.45	cps
Boron	10-1	14266	13031	11797	13031	9.47	cps
Boron	11-1	62163	57076	53621	57620	7.46	cps
Cadmium	111-1	2629	2562	2835	2675	5.31	cps
Cadmium	106-1	3584	3467	3884	3645	5.90	cps
Cadmium	108-1	25	21	25	24	10.20	cps
Calcium	43-1	375	317	300	331	11.91	cps
Calcium	44-1	11455	11597	10680	11244	4.39	cps
Chromium	52-2	793	803	790	796	0.87	cps
Cobalt	59-2	137	97	83	106	26.29	cps
Copper	63-2	510	557	563	543	5.35	cps
Dysprosium	156-1	42	0	8	17	132.30	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	67	8	47	71.33	cps
Erbium	164-2	17	33	20	23	37.78	cps
Gadolinium	160-1	42	50	58	50	16.67	cps
Gadolinium	160-2	193	200	223	206	7.66	cps
Holmium	165-1	15580355	15775108	15911156	15755539	1.06	cps
Holmium	165-2	8650742	8567656	8577565	8598654	0.53	cps
Indium	115-1	11091220	11299778	11411521	11267506	1.44	cps
Indium	115-2	2139550	2145393	2149785	2144909	0.24	cps
Iron	56-2	10860	10971	11471	11101	2.93	cps
Iron	57-2	317	344	317	326	4.92	cps
Krypton	83-1	270	317	287	291	8.12	cps
Lead	206-1	600	583	528	570	6.63	cps
Lead	207-1	500	517	339	452	21.73	cps
Lead	208-1	2111	2245	1961	2106	6.73	cps
Lithium	6-1	5472636	5463340	5623652	5519876	1.63	cps
Magnesium	24-2	1900	2009	1809	1906	5.25	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:00:26	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137	120	150	136	11.09	cps
Molybdenum	94-1	2017	2042	1734	1931	8.87	cps
Molybdenum	95-1	3000	2792	2442	2745	10.28	cps
Molybdenum	96-1	4109	2967	2675	3251	23.31	cps
Molybdenum	97-1	1967	2084	1417	1822	19.54	cps
Molybdenum	98-1	5468	4659	3701	4609	19.19	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	100	70	77	82	19.16	cps
Phosphorus	31-2	58	67	92	72	24.02	cps
Potassium	39-2	10796	11113	10921	10943	1.46	cps
Rhodium	103-1	9917821	9991936	10208190	10039316	1.50	cps
Rhodium	103-2	4789448	4815175	4846909	4817177	0.60	cps
Scandium	45-1	7071024	7173205	7192283	7145504	0.91	cps
Scandium	45-2	286915	284723	286584	286074	0.41	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	44	50	52	49	7.91	cps
Selenium	82-1	60	-15	20	21	176.94	cps
Silicon	28-1	223030	216806	217991	219276	1.51	cps
Silver	109-1	1642	1617	1542	1600	3.25	cps
Silver	107-1	2084	1834	2050	1989	6.83	cps
Sodium	23-2	22618	21667	21241	21842	3.23	cps
Strontium	86-1	533	450	400	461	14.61	cps
Strontium	88-1	867	908	758	845	9.17	cps
Sulfur	34-1	181459	186883	187752	185365	1.84	cps
Terbium	159-1	15806579	15927524	16254818	15996307	1.45	cps
Terbium	159-2	8327096	8324357	8274671	8308708	0.36	cps
Thallium	203-1	1509	1375	1408	1431	4.85	cps
Thallium	205-1	3659	3601	3409	3556	3.68	cps
Thorium	232-1	2823	2712	2378	2637	8.77	cps
Tin	118-1	1108	1158	908	1058	12.50	cps
Titanium	47-1	233	208	200	214	8.11	cps
Uranium	238-1	1083	742	833	886	19.96	cps
Vanadium	51-2	33	60	33	42	36.47	cps
Yttrium	89-1	11123247	11320919	11505538	11316568	1.69	cps
Yttrium	89-2	1554740	1567048	1564331	1562040	0.41	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:00:26	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	333	340	380	351	7.19	cps
Zirconium	90-1	1500	1217	1308	1342	10.78	cps
Zirconium	91-1	292	233	283	269	11.71	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-03	Instrumnet Name :	P7
Client Sample ID :	S32-0641	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:04:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15692	15267	15667	15542	1.54	cps
Antimony	121-1	73880	53077	40251	55736	30.45	cps
Arsenic	75-2	4921	4993	4823	4913	1.74	cps
Barium	135-1	128429	130810	126251	128497	1.77	cps
Barium	137-1	224882	225426	222210	224173	0.77	cps
Beryllium	9-1	239	294	233	256	13.22	cps
Bismuth	209-1	10225010	10101863	9911007	10079294	1.57	cps
Bismuth	209-2	5065838	5120329	5148674	5111614	0.82	cps
Boron	10-1	20289	20073	18420	19594	5.22	cps
Boron	11-1	91887	91928	89406	91074	1.59	cps
Cadmium	111-1	2547	2649	2380	2525	5.37	cps
Cadmium	106-1	3109	3209	2959	3092	4.07	cps
Cadmium	108-1	54	50	29	44	30.13	cps
Calcium	43-1	1867244	1811991	1783662	1820966	2.33	cps
Calcium	44-1	30003986	29406970	28426039	29278999	2.72	cps
Chromium	52-2	5044	4928	5071	5014	1.52	cps
Cobalt	59-2	58352	58312	57402	58022	0.93	cps
Copper	63-2	3440	3267	3267	3325	3.01	cps
Dysprosium	156-1	1759	1900	1884	1847	4.19	cps
Dysprosium	156-2	900	1007	1007	971	6.34	cps
Erbium	164-1	1725	1517	1492	1578	8.12	cps
Erbium	164-2	673	700	727	700	3.81	cps
Gadolinium	160-1	1634	1767	1609	1670	5.10	cps
Gadolinium	160-2	1037	1067	923	1009	7.49	cps
Holmium	165-1	15240645	14925075	14782436	14982719	1.57	cps
Holmium	165-2	7140891	7144321	7079793	7121668	0.51	cps
Indium	115-1	10430091	10294187	10036912	10253730	1.95	cps
Indium	115-2	1674786	1667743	1685422	1675984	0.53	cps
Iron	56-2	57282753	56996814	56461383	56913650	0.73	cps
Iron	57-2	1368865	1365983	1364079	1366309	0.18	cps
Krypton	83-1	387	303	310	333	13.89	cps
Lead	206-1	5546	5162	5051	5253	4.94	cps
Lead	207-1	4729	4851	4212	4597	7.38	cps
Lead	208-1	21624	20835	19856	20772	4.26	cps
Lithium	6-1	5424819	5340530	5203024	5322791	2.10	cps
Magnesium	24-2	1453976	1442067	1420742	1438929	1.17	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-03	Instrumnet Name :	P7
Client Sample ID :	S32-0641	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:04:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17963506	17895758	17659966	17839743	0.89	cps
Molybdenum	94-1	11588	10854	10830	11091	3.89	cps
Molybdenum	95-1	18146	17303	17620	17689	2.41	cps
Molybdenum	96-1	20199	19272	18421	19297	4.61	cps
Molybdenum	97-1	10546	10596	10079	10407	2.74	cps
Molybdenum	98-1	26601	27035	26217	26617	1.54	cps
Neodymium	150-1	2587	2807	2494	2629	6.12	cps
Neodymium	150-2	970	913	997	960	4.43	cps
Nickel	60-2	8856	8916	8449	8741	2.91	cps
Phosphorus	31-2	275	333	217	275	21.21	cps
Potassium	39-2	721420	722674	713946	719347	0.66	cps
Rhodium	103-1	9095789	8960783	8803573	8953382	1.63	cps
Rhodium	103-2	3759391	3746705	3736842	3747646	0.30	cps
Scandium	45-1	6480102	6407281	6220974	6369453	2.10	cps
Scandium	45-2	207830	207822	207809	207820	0.01	cps
Selenium	77-2	10	20	7	12	56.76	cps
Selenium	78-2	48	70	44	54	25.82	cps
Selenium	82-1	164	199	178	180	9.84	cps
Silicon	28-1	40787530	39725180	38701668	39738126	2.62	cps
Silver	109-1	8428	3301	1650	4460	79.25	cps
Silver	107-1	8536	3467	1884	4629	75.07	cps
Sodium	23-2	11748027	11621692	11464295	11611338	1.22	cps
Strontium	86-1	644028	632590	627620	634746	1.33	cps
Strontium	88-1	5698348	5604851	5477054	5593418	1.99	cps
Sulfur	34-1	1500695	1462852	1430518	1464688	2.40	cps
Terbium	159-1	15211353	15045840	14798064	15018419	1.38	cps
Terbium	159-2	6886939	6892762	6856053	6878584	0.29	cps
Thallium	203-1	4409	3801	3384	3865	13.34	cps
Thallium	205-1	11097	9237	8136	9490	15.77	cps
Thorium	232-1	5201	5251	4946	5133	3.19	cps
Tin	118-1	19873	20199	19155	19742	2.70	cps
Titanium	47-1	12047	12247	12005	12100	1.07	cps
Uranium	238-1	9229	9529	8462	9073	6.07	cps
Vanadium	51-2	3871	3807	3774	3817	1.29	cps
Yttrium	89-1	10604249	10379375	10208255	10397293	1.91	cps
Yttrium	89-2	1221357	1210025	1217280	1216221	0.47	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-03	Instrumnet Name :	P7
Client Sample ID :	S32-0641	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:04:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7389	7038	7192	7206	2.44	cps
Zirconium	90-1	5009	4768	4576	4784	4.54	cps
Zirconium	91-1	1150	1158	1133	1147	1.11	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-04	Instrumnet Name :	P7
Client Sample ID :	S32-0642	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:07:34	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21725	21825	21107	21552	1.80	cps
Antimony	121-1	25315	23270	24397	24327	4.21	cps
Arsenic	75-2	5158	5188	4962	5103	2.41	cps
Barium	135-1	122251	123074	122822	122716	0.34	cps
Barium	137-1	213246	213559	212222	213009	0.33	cps
Beryllium	9-1	178	133	150	154	14.61	cps
Bismuth	209-1	9409832	9400287	9448517	9419545	0.27	cps
Bismuth	209-2	4922680	4944689	4995835	4954401	0.76	cps
Boron	10-1	16026	16017	16693	16245	2.39	cps
Boron	11-1	76669	74894	74517	75360	1.53	cps
Cadmium	111-1	2068	2025	1932	2008	3.48	cps
Cadmium	106-1	2734	2717	2617	2689	2.35	cps
Cadmium	108-1	29	21	13	21	40.01	cps
Calcium	43-1	1660540	1651731	1650432	1654234	0.33	cps
Calcium	44-1	26721031	26556072	26484264	26587122	0.46	cps
Chromium	52-2	8412	9116	8559	8696	4.27	cps
Cobalt	59-2	55829	56954	56177	56320	1.02	cps
Copper	63-2	3791	3807	3774	3791	0.44	cps
Dysprosium	156-1	2350	2459	2217	2342	5.17	cps
Dysprosium	156-2	1053	1007	1140	1067	6.34	cps
Erbium	164-1	1717	1792	1875	1795	4.41	cps
Erbium	164-2	863	867	910	880	2.96	cps
Gadolinium	160-1	1775	2175	1809	1920	11.56	cps
Gadolinium	160-2	1143	1160	1187	1163	1.88	cps
Holmium	165-1	14017990	13982026	14006654	14002224	0.13	cps
Holmium	165-2	6902328	6899215	6874384	6891976	0.22	cps
Indium	115-1	9566884	9444545	9450388	9487272	0.73	cps
Indium	115-2	1586386	1597662	1602694	1595581	0.52	cps
Iron	56-2	56462789	56238812	55846440	56182680	0.56	cps
Iron	57-2	1350432	1352906	1351903	1351747	0.09	cps
Krypton	83-1	267	243	263	258	4.90	cps
Lead	206-1	5446	5212	4929	5196	4.98	cps
Lead	207-1	4379	4217	4562	4386	3.93	cps
Lead	208-1	20468	20535	20585	20529	0.29	cps
Lithium	6-1	4810413	4769786	4770322	4783507	0.49	cps
Magnesium	24-2	1355571	1348776	1346795	1350381	0.34	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-04	Instrumnet Name :	P7
Client Sample ID :	S32-0642	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:07:34	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16860988	16828529	16574418	16754645	0.94	cps
Molybdenum	94-1	11355	11347	10996	11233	1.82	cps
Molybdenum	95-1	17536	17528	18045	17703	1.67	cps
Molybdenum	96-1	19097	19105	19406	19202	0.92	cps
Molybdenum	97-1	10521	10337	10604	10488	1.30	cps
Molybdenum	98-1	26843	27018	26433	26765	1.12	cps
Neodymium	150-1	3074	3074	3074	3074	0.00	cps
Neodymium	150-2	1073	1050	1197	1107	7.12	cps
Nickel	60-2	9046	9003	8623	8891	2.62	cps
Phosphorus	31-2	292	275	342	303	11.46	cps
Potassium	39-2	679775	675755	668780	674770	0.82	cps
Rhodium	103-1	8277127	8219705	8162386	8219739	0.70	cps
Rhodium	103-2	3598236	3581237	3582833	3587435	0.26	cps
Scandium	45-1	5825524	5788505	5787491	5800507	0.37	cps
Scandium	45-2	196275	193512	195090	194959	0.71	cps
Selenium	77-2	7	3	23	11	96.43	cps
Selenium	78-2	50	43	33	42	19.90	cps
Selenium	82-1	225	236	217	226	4.17	cps
Silicon	28-1	37354552	36673167	36616602	36881440	1.11	cps
Silver	109-1	742	775	783	767	2.88	cps
Silver	107-1	750	825	833	803	5.72	cps
Sodium	23-2	10878380	10859480	10811739	10849866	0.32	cps
Strontium	86-1	585706	588742	589186	587878	0.32	cps
Strontium	88-1	5124335	5089218	5092570	5102041	0.38	cps
Sulfur	34-1	1322378	1314059	1311012	1315816	0.45	cps
Terbium	159-1	14062264	13935801	14079907	14025991	0.56	cps
Terbium	159-2	6625033	6570641	6657968	6617881	0.67	cps
Thallium	203-1	1692	1450	1592	1578	7.70	cps
Thallium	205-1	3926	3709	3726	3787	3.19	cps
Thorium	232-1	5879	6196	6096	6057	2.67	cps
Tin	118-1	13899	14083	14191	14058	1.05	cps
Titanium	47-1	18546	18404	17937	18295	1.74	cps
Uranium	238-1	8987	8970	8837	8931	0.92	cps
Vanadium	51-2	3801	3977	4234	4004	5.44	cps
Yttrium	89-1	9671078	9492747	9515837	9559887	1.01	cps
Yttrium	89-2	1157086	1155157	1160086	1157443	0.21	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-04	Instrumnet Name :	P7
Client Sample ID :	S32-0642	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:07:34	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7569	7715	7726	7670	1.14	cps
Zirconium	90-1	4593	4076	4418	4362	6.03	cps
Zirconium	91-1	1025	1167	1108	1100	6.47	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-05	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2018-3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:11:08	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883	1058	742	895	17.74	cps
Antimony	121-1	2834	2867	2475	2725	7.97	cps
Arsenic	75-2	26	28	46	33	33.79	cps
Barium	135-1	575	542	458	525	11.45	cps
Barium	137-1	925	1017	967	970	4.73	cps
Beryllium	9-1	144	106	89	113	25.24	cps
Bismuth	209-1	14246394	13976079	13813306	14011926	1.56	cps
Bismuth	209-2	7962288	7938824	7861801	7920971	0.66	cps
Boron	10-1	2984	2800	2867	2884	3.22	cps
Boron	11-1	12514	12964	12764	12748	1.77	cps
Cadmium	111-1	3280	3249	3019	3183	4.48	cps
Cadmium	106-1	4518	4518	4217	4418	3.92	cps
Cadmium	108-1	46	13	29	29	57.14	cps
Calcium	43-1	2550	2492	2509	2517	1.19	cps
Calcium	44-1	45162	45246	43382	44597	2.36	cps
Chromium	52-2	590	510	517	539	8.24	cps
Cobalt	59-2	110	130	103	114	12.12	cps
Copper	63-2	4964	5151	5014	5043	1.92	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	27	40	33	33	20.00	cps
Gadolinium	160-1	75	67	58	67	12.49	cps
Gadolinium	160-2	240	243	243	242	0.79	cps
Holmium	165-1	20044324	19599147	19355669	19666380	1.78	cps
Holmium	165-2	10082547	9957113	9963315	10000992	0.71	cps
Indium	115-1	14307354	14076459	13908620	14097478	1.42	cps
Indium	115-2	2454776	2493297	2485249	2477774	0.82	cps
Iron	56-2	32982	33785	31657	32808	3.28	cps
Iron	57-2	917	811	861	863	6.12	cps
Krypton	83-1	287	257	310	284	9.40	cps
Lead	206-1	2206	2061	1989	2085	5.29	cps
Lead	207-1	1800	1878	1795	1824	2.55	cps
Lead	208-1	8435	8196	7884	8172	3.38	cps
Lithium	6-1	6619226	6558912	6472167	6550101	1.13	cps
Magnesium	24-2	1809	1817	1967	1864	4.78	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-05	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2018-3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:11:08	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6361	6558	6908	6609	4.19	cps
Molybdenum	94-1	558	458	492	503	10.13	cps
Molybdenum	95-1	292	350	258	300	15.47	cps
Molybdenum	96-1	467	425	458	450	4.90	cps
Molybdenum	97-1	267	233	200	233	14.29	cps
Molybdenum	98-1	483	508	517	503	3.45	cps
Neodymium	150-1	27	7	20	18	57.27	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	790	843	850	828	3.97	cps
Phosphorus	31-2	183	192	150	175	12.60	cps
Potassium	39-2	28077	28103	27760	27980	0.68	cps
Rhodium	103-1	12847709	12542858	12301012	12563859	2.18	cps
Rhodium	103-2	5648436	5610220	5574152	5610936	0.66	cps
Scandium	45-1	8846322	8732454	8595527	8724768	1.44	cps
Scandium	45-2	321282	323946	323312	322847	0.43	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	41	44	41	42	5.10	cps
Selenium	82-1	82	52	-4	44	100.52	cps
Silicon	28-1	139317	141582	139008	139969	1.00	cps
Silver	109-1	417	383	358	386	7.58	cps
Silver	107-1	483	333	425	414	18.27	cps
Sodium	23-2	67100	67427	68272	67600	0.89	cps
Strontium	86-1	1333	1233	1100	1222	9.58	cps
Strontium	88-1	7827	7686	7644	7719	1.25	cps
Sulfur	34-1	164051	166025	167625	165901	1.08	cps
Terbium	159-1	20200211	19812928	19460151	19824430	1.87	cps
Terbium	159-2	9721938	9648787	9636570	9669098	0.48	cps
Thallium	203-1	1092	792	783	889	19.76	cps
Thallium	205-1	2684	2059	1809	2184	20.64	cps
Thorium	232-1	222	256	250	243	7.36	cps
Tin	118-1	2242	2109	1959	2103	6.74	cps
Titanium	47-1	375	392	242	336	24.46	cps
Uranium	238-1	167	133	142	147	11.79	cps
Vanadium	51-2	40	43	30	38	18.36	cps
Yttrium	89-1	14345240	14114157	13868806	14109401	1.69	cps
Yttrium	89-2	1784130	1795184	1797022	1792112	0.39	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-05	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2018-3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:11:08	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7675	7412	7826	7638	2.74	cps
Zirconium	90-1	942	1150	1067	1053	9.96	cps
Zirconium	91-1	183	100	233	172	39.11	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-01	Instrumnet Name :	P7
Client Sample ID :	S32-0643	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:15:09	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283308	284371	286383	284687	0.55	cps
Antimony	121-1	20683	19055	19072	19603	4.77	cps
Arsenic	75-2	3310	3339	3493	3381	2.91	cps
Barium	135-1	46437	47005	47014	46819	0.71	cps
Barium	137-1	81313	82519	83232	82355	1.18	cps
Beryllium	9-1	122	72	133	109	29.80	cps
Bismuth	209-1	9026947	9074117	9106913	9069325	0.44	cps
Bismuth	209-2	4707850	4776812	4803240	4762634	1.03	cps
Boron	10-1	21883	20665	22559	21702	4.42	cps
Boron	11-1	99401	100508	100509	100139	0.64	cps
Cadmium	111-1	1910	1919	1774	1868	4.37	cps
Cadmium	106-1	2534	2642	2375	2517	5.33	cps
Cadmium	108-1	67	108	50	75	40.06	cps
Calcium	43-1	3104976	3083382	3086608	3091656	0.38	cps
Calcium	44-1	49655299	48841156	49308840	49268432	0.83	cps
Chromium	52-2	2770	2914	2724	2803	3.53	cps
Cobalt	59-2	1500	1640	1747	1629	7.59	cps
Copper	63-2	1597	1433	1517	1516	5.39	cps
Dysprosium	156-1	167	158	167	164	2.93	cps
Dysprosium	156-2	83	93	70	82	14.24	cps
Erbium	164-1	175	158	183	172	7.39	cps
Erbium	164-2	80	73	80	78	4.94	cps
Gadolinium	160-1	217	117	200	178	30.14	cps
Gadolinium	160-2	203	200	213	206	3.37	cps
Holmium	165-1	13683573	13796865	13773102	13751180	0.43	cps
Holmium	165-2	6829932	6902561	6870919	6867804	0.53	cps
Indium	115-1	9137864	9088548	9072801	9099738	0.37	cps
Indium	115-2	1541422	1565164	1575038	1560541	1.11	cps
Iron	56-2	325544	328354	333052	328984	1.15	cps
Iron	57-2	17655	18551	17828	18011	2.64	cps
Krypton	83-1	277	220	280	259	13.02	cps
Lead	206-1	1400	1295	1422	1372	4.97	cps
Lead	207-1	1100	1145	1067	1104	3.54	cps
Lead	208-1	5312	5389	5434	5378	1.15	cps
Lithium	6-1	4599878	4600155	4575218	4591750	0.31	cps
Magnesium	24-2	96988	97014	94975	96326	1.21	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-01	Instrumnet Name :	P7
Client Sample ID :	S32-0643	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:15:09	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14851	15091	15068	15003	0.88	cps
Molybdenum	94-1	139189	139113	142512	140271	1.38	cps
Molybdenum	95-1	244658	243163	244774	244198	0.37	cps
Molybdenum	96-1	261564	260149	262839	261517	0.51	cps
Molybdenum	97-1	153316	151674	153939	152976	0.76	cps
Molybdenum	98-1	391303	390273	396135	392570	0.80	cps
Neodymium	150-1	260	233	307	267	13.92	cps
Neodymium	150-2	80	97	113	97	17.24	cps
Nickel	60-2	88193	89863	91436	89831	1.81	cps
Phosphorus	31-2	458	400	542	467	15.26	cps
Potassium	39-2	1514511	1527001	1547790	1529768	1.10	cps
Rhodium	103-1	7895767	7784368	7803434	7827856	0.76	cps
Rhodium	103-2	3407952	3472758	3483284	3454665	1.18	cps
Scandium	45-1	5577152	5523694	5505155	5535334	0.68	cps
Scandium	45-2	189755	193775	192955	192162	1.11	cps
Selenium	77-2	3	10	17	10	66.70	cps
Selenium	78-2	70	43	41	51	32.40	cps
Selenium	82-1	174	276	182	211	27.05	cps
Silicon	28-1	22565959	22353951	22406801	22442237	0.49	cps
Silver	109-1	642	517	592	583	10.79	cps
Silver	107-1	433	575	550	519	14.56	cps
Sodium	23-2	34994965	35186323	35226999	35136096	0.35	cps
Strontium	86-1	6033619	6006498	6044383	6028166	0.32	cps
Strontium	88-1	51257342	51365336	51674569	51432415	0.42	cps
Sulfur	34-1	1439373	1421056	1426108	1428846	0.66	cps
Terbium	159-1	13794821	13898669	13761935	13818475	0.52	cps
Terbium	159-2	6531372	6585166	6596510	6571016	0.53	cps
Thallium	203-1	833	867	700	800	11.02	cps
Thallium	205-1	2384	1950	1834	2056	14.10	cps
Thorium	232-1	1889	1850	1906	1882	1.51	cps
Tin	118-1	10988	10746	10971	10902	1.24	cps
Titanium	47-1	4484	4459	4593	4512	1.57	cps
Uranium	238-1	6769	6919	6952	6880	1.42	cps
Vanadium	51-2	5218	5128	5194	5180	0.90	cps
Yttrium	89-1	9223701	9183805	9166529	9191345	0.32	cps
Yttrium	89-2	1120071	1141588	1146580	1136080	1.24	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-01	Instrumnet Name :	P7
Client Sample ID :	S32-0643	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:15:09	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5098	4878	5238	5071	3.58	cps
Zirconium	90-1	1550	1725	1867	1714	9.25	cps
Zirconium	91-1	483	375	475	444	13.56	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-02	Instrumnet Name :	P7
Client Sample ID :	S32-0644	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:18:44	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192625	194279	195816	194240	0.82	cps
Antimony	121-1	20524	22168	21192	21295	3.88	cps
Arsenic	75-2	1082	1098	1004	1061	4.75	cps
Barium	135-1	55829	56767	56750	56449	0.95	cps
Barium	137-1	99781	100261	100236	100093	0.27	cps
Beryllium	9-1	94	78	78	83	11.55	cps
Bismuth	209-1	9005341	9180325	9317832	9167832	1.71	cps
Bismuth	209-2	4842771	4843141	4908076	4864663	0.77	cps
Boron	10-1	10904	11488	11380	11257	2.76	cps
Boron	11-1	51973	51698	52760	52144	1.06	cps
Cadmium	111-1	1943	2139	2008	2030	4.94	cps
Cadmium	106-1	2684	2959	2759	2800	5.08	cps
Cadmium	108-1	75	75	75	75	0.00	cps
Calcium	43-1	5409435	5412835	5431049	5417773	0.21	cps
Calcium	44-1	86350533	86495460	85554696	86133563	0.59	cps
Chromium	52-2	3187	3217	3067	3157	2.51	cps
Cobalt	59-2	803	820	820	814	1.18	cps
Copper	63-2	12109	11892	11942	11981	0.95	cps
Dysprosium	156-1	42	92	75	69	36.66	cps
Dysprosium	156-2	60	50	67	59	14.25	cps
Erbium	164-1	108	125	92	108	15.39	cps
Erbium	164-2	43	73	60	59	25.53	cps
Gadolinium	160-1	142	100	125	122	17.16	cps
Gadolinium	160-2	207	180	183	190	7.65	cps
Holmium	165-1	13838493	14239501	14150285	14076093	1.50	cps
Holmium	165-2	7049793	7025653	7065118	7046855	0.28	cps
Indium	115-1	9219078	9516011	9490255	9408448	1.75	cps
Indium	115-2	1616684	1619875	1637507	1624689	0.69	cps
Iron	56-2	186457	186985	188983	187475	0.71	cps
Iron	57-2	22429	21872	23458	22586	3.56	cps
Krypton	83-1	260	303	250	271	10.46	cps
Lead	206-1	2050	1989	1772	1937	7.54	cps
Lead	207-1	1478	1583	1500	1521	3.66	cps
Lead	208-1	7190	7423	7218	7277	1.75	cps
Lithium	6-1	4570452	4648880	4670671	4630001	1.14	cps
Magnesium	24-2	74611	77484	77534	76543	2.19	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-02	Instrumnet Name :	P7
Client Sample ID :	S32-0644	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:18:44	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3174	3247	3264	3228	1.48	cps
Molybdenum	94-1	111129	114439	113204	112924	1.48	cps
Molybdenum	95-1	195706	195351	201766	197608	1.82	cps
Molybdenum	96-1	208493	215488	213559	212513	1.70	cps
Molybdenum	97-1	122018	126448	124986	124484	1.81	cps
Molybdenum	98-1	317837	321442	320948	320076	0.61	cps
Neodymium	150-1	93	147	113	118	22.87	cps
Neodymium	150-2	30	47	37	38	22.21	cps
Nickel	60-2	9820	9877	10114	9937	1.57	cps
Phosphorus	31-2	100	133	117	117	14.29	cps
Potassium	39-2	1121683	1129041	1131905	1127543	0.47	cps
Rhodium	103-1	7903326	8069671	8135235	8036077	1.49	cps
Rhodium	103-2	3561340	3561478	3624468	3582428	1.02	cps
Scandium	45-1	5651662	5737451	5767242	5718785	1.05	cps
Scandium	45-2	199446	200282	201902	200543	0.62	cps
Selenium	77-2	17	20	10	16	32.73	cps
Selenium	78-2	57	43	33	44	27.33	cps
Selenium	82-1	220	199	252	224	11.99	cps
Silicon	28-1	19024789	19147926	19180019	19117578	0.43	cps
Silver	109-1	475	492	375	447	14.11	cps
Silver	107-1	433	450	467	450	3.70	cps
Sodium	23-2	24832554	24666867	24870667	24790029	0.44	cps
Strontium	86-1	1176616	1194559	1187748	1186308	0.76	cps
Strontium	88-1	10518902	10469275	10525116	10504431	0.29	cps
Sulfur	34-1	569257	569817	573882	570986	0.44	cps
Terbium	159-1	13899878	14235517	14278038	14137811	1.47	cps
Terbium	159-2	6776859	6742437	6805897	6775065	0.47	cps
Thallium	203-1	425	433	475	444	6.03	cps
Thallium	205-1	1167	1133	1058	1120	4.96	cps
Thorium	232-1	1233	1006	1050	1096	11.01	cps
Tin	118-1	8111	8820	9012	8647	5.49	cps
Titanium	47-1	2959	2984	3109	3017	2.66	cps
Uranium	238-1	6369	6260	6285	6305	0.90	cps
Vanadium	51-2	15385	14784	14607	14925	2.73	cps
Yttrium	89-1	9309631	9522959	9608021	9480204	1.62	cps
Yttrium	89-2	1182918	1181296	1194449	1186221	0.60	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-02	Instrumnet Name :	P7
Client Sample ID :	S32-0644	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:18:44	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3237	3477	3560	3425	4.90	cps
Zirconium	90-1	1300	1200	1275	1258	4.14	cps
Zirconium	91-1	333	358	308	333	7.50	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:22:19	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	825	842	592	753	18.57	cps
Antimony	121-1	5168	4893	4268	4776	9.66	cps
Arsenic	75-2	732	707	780	740	4.97	cps
Barium	135-1	15793	16093	16168	16018	1.24	cps
Barium	137-1	27895	27269	27929	27698	1.34	cps
Beryllium	9-1	89	83	133	102	26.91	cps
Bismuth	209-1	10415739	10457090	10315564	10396131	0.70	cps
Bismuth	209-2	5622726	5687109	5725718	5678518	0.92	cps
Boron	10-1	7577	8219	7977	7925	4.09	cps
Boron	11-1	36303	35509	36495	36102	1.45	cps
Cadmium	111-1	2142	2199	2082	2141	2.74	cps
Cadmium	106-1	2992	3100	2959	3017	2.46	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	287172	282517	281439	283709	1.07	cps
Calcium	44-1	4551597	4541737	4567762	4553699	0.29	cps
Chromium	52-2	1317	1303	1330	1317	1.01	cps
Cobalt	59-2	333	280	357	323	12.15	cps
Copper	63-2	517	470	673	553	19.25	cps
Dysprosium	156-1	75	67	67	69	6.93	cps
Dysprosium	156-2	37	27	33	32	15.80	cps
Erbium	164-1	100	92	58	83	26.46	cps
Erbium	164-2	63	63	60	62	3.09	cps
Gadolinium	160-1	92	100	92	94	5.10	cps
Gadolinium	160-2	210	250	217	226	9.50	cps
Holmium	165-1	14829035	14864842	14955759	14883212	0.44	cps
Holmium	165-2	7682361	7624902	7662288	7656517	0.38	cps
Indium	115-1	10346066	10371846	10285742	10334551	0.43	cps
Indium	115-2	1816899	1846205	1837699	1833601	0.82	cps
Iron	56-2	151051	151725	149239	150672	0.85	cps
Iron	57-2	4662	4651	4884	4732	2.78	cps
Krypton	83-1	263	267	247	259	4.14	cps
Lead	206-1	533	489	467	496	6.84	cps
Lead	207-1	322	422	344	363	14.47	cps
Lead	208-1	1795	1917	1806	1839	3.68	cps
Lithium	6-1	4861410	4873196	4811619	4848741	0.67	cps
Magnesium	24-2	781960	801602	791753	791772	1.24	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:22:19	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	232122	232302	234144	232856	0.48	cps
Molybdenum	94-1	8862	9028	8987	8959	0.97	cps
Molybdenum	95-1	15517	15426	15884	15609	1.56	cps
Molybdenum	96-1	16068	16385	17545	16666	4.66	cps
Molybdenum	97-1	10054	9462	10421	9979	4.85	cps
Molybdenum	98-1	25766	25757	24781	25435	2.23	cps
Neodymium	150-1	80	80	100	87	13.32	cps
Neodymium	150-2	13	63	30	36	71.61	cps
Nickel	60-2	317	443	383	381	16.63	cps
Phosphorus	31-2	183	175	83	147	37.69	cps
Potassium	39-2	639577	647275	641715	642855	0.62	cps
Rhodium	103-1	9109065	9188013	9055238	9117438	0.73	cps
Rhodium	103-2	4111494	4104464	4132290	4116082	0.35	cps
Scandium	45-1	6293074	6334052	6228625	6285250	0.85	cps
Scandium	45-2	226078	226697	227208	226661	0.25	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	37	35	43	38	10.06	cps
Selenium	82-1	22	78	94	65	58.67	cps
Silicon	28-1	6073036	6053406	6039518	6055320	0.28	cps
Silver	109-1	250	300	225	258	14.78	cps
Silver	107-1	325	308	317	317	2.63	cps
Sodium	23-2	5629665	5623475	5609866	5621002	0.18	cps
Strontium	86-1	250362	247490	250288	249380	0.66	cps
Strontium	88-1	2166512	2159423	2170422	2165452	0.26	cps
Sulfur	34-1	374965	373974	371272	373403	0.51	cps
Terbium	159-1	14940209	15015434	14990833	14982159	0.26	cps
Terbium	159-2	7392741	7395585	7379039	7389122	0.12	cps
Thallium	203-1	217	292	325	278	19.98	cps
Thallium	205-1	633	750	400	594	29.98	cps
Thorium	232-1	439	422	439	433	2.22	cps
Tin	118-1	1300	1425	1125	1283	11.74	cps
Titanium	47-1	600	758	633	664	12.57	cps
Uranium	238-1	25134	26528	26128	25930	2.77	cps
Vanadium	51-2	397	403	443	414	6.09	cps
Yttrium	89-1	10261256	10341298	10173427	10258660	0.82	cps
Yttrium	89-2	1310533	1320002	1322178	1317571	0.47	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:22:19	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1417	1500	1483	1467	3.01	cps
Zirconium	90-1	1008	1000	767	925	14.83	cps
Zirconium	91-1	233	167	192	197	17.08	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:25:53	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	742	800	917	820	10.87	cps
Antimony	121-1	4276	4318	3717	4104	8.17	cps
Arsenic	75-2	698	743	706	715	3.33	cps
Barium	135-1	15534	16344	15342	15740	3.38	cps
Barium	137-1	28480	28939	28213	28544	1.29	cps
Beryllium	9-1	89	89	89	89	0.00	cps
Bismuth	209-1	10147832	10284228	10294590	10242216	0.80	cps
Bismuth	209-2	5502891	5650705	5655177	5602924	1.55	cps
Boron	10-1	7294	7636	7744	7558	3.11	cps
Boron	11-1	34783	34590	35426	34933	1.25	cps
Cadmium	111-1	2067	2325	2168	2187	5.94	cps
Cadmium	106-1	2900	3259	3050	3070	5.86	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	282527	283783	287677	284663	0.94	cps
Calcium	44-1	4505998	4583255	4613814	4567689	1.22	cps
Chromium	52-2	1213	1230	1367	1270	6.62	cps
Cobalt	59-2	353	390	390	378	5.60	cps
Copper	63-2	463	530	550	514	8.82	cps
Dysprosium	156-1	117	58	50	75	48.43	cps
Dysprosium	156-2	33	40	33	36	10.83	cps
Erbium	164-1	67	108	92	89	23.59	cps
Erbium	164-2	43	57	73	58	26.01	cps
Gadolinium	160-1	125	83	100	103	20.40	cps
Gadolinium	160-2	167	197	237	200	17.56	cps
Holmium	165-1	14431224	14682524	14799941	14637897	1.29	cps
Holmium	165-2	7566732	7590424	7562311	7573156	0.20	cps
Indium	115-1	10027646	10102033	10126931	10085537	0.51	cps
Indium	115-2	1778866	1826053	1813957	1806292	1.36	cps
Iron	56-2	152130	151753	155093	152992	1.20	cps
Iron	57-2	4851	4957	4801	4869	1.63	cps
Krypton	83-1	260	227	230	239	7.69	cps
Lead	206-1	428	517	383	443	15.34	cps
Lead	207-1	422	350	372	381	9.70	cps
Lead	208-1	1800	1689	1689	1726	3.72	cps
Lithium	6-1	4737481	4801020	4819509	4786003	0.90	cps
Magnesium	24-2	798711	814720	800026	804486	1.10	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:25:53	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	234395	236293	232785	234491	0.75	cps
Molybdenum	94-1	8986	9487	9245	9239	2.71	cps
Molybdenum	95-1	15259	15209	14975	15147	1.00	cps
Molybdenum	96-1	16385	16544	16886	16605	1.54	cps
Molybdenum	97-1	9637	10237	9654	9843	3.47	cps
Molybdenum	98-1	24163	23896	24564	24207	1.39	cps
Neodymium	150-1	107	100	73	93	18.89	cps
Neodymium	150-2	50	17	37	34	48.70	cps
Nickel	60-2	347	347	333	342	2.25	cps
Phosphorus	31-2	108	117	158	128	20.96	cps
Potassium	39-2	643046	653534	644472	647017	0.88	cps
Rhodium	103-1	8773934	8812337	8948729	8845000	1.04	cps
Rhodium	103-2	3989241	4051520	4070090	4036950	1.05	cps
Scandium	45-1	6067381	6170280	6211674	6149779	1.21	cps
Scandium	45-2	222884	226900	224987	224924	0.89	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	44	28	28	33	28.87	cps
Selenium	82-1	59	115	100	91	32.18	cps
Silicon	28-1	6022256	6029223	6093598	6048359	0.65	cps
Silver	109-1	233	242	217	231	5.52	cps
Silver	107-1	208	325	333	289	24.19	cps
Sodium	23-2	5667293	5708015	5632245	5669184	0.67	cps
Strontium	86-1	241795	250363	251678	247945	2.16	cps
Strontium	88-1	2135949	2164230	2196765	2165648	1.41	cps
Sulfur	34-1	369689	375569	371438	372232	0.81	cps
Terbium	159-1	14466384	14707450	14710649	14628161	0.96	cps
Terbium	159-2	7238456	7337120	7263059	7279545	0.71	cps
Thallium	203-1	158	292	208	219	30.69	cps
Thallium	205-1	425	567	550	514	15.07	cps
Thorium	232-1	356	306	367	343	9.50	cps
Tin	118-1	1092	1167	1117	1125	3.39	cps
Titanium	47-1	508	583	567	553	7.12	cps
Uranium	238-1	25510	26620	25334	25821	2.70	cps
Vanadium	51-2	430	393	330	384	13.16	cps
Yttrium	89-1	9894555	9975525	10094379	9988153	1.01	cps
Yttrium	89-2	1288410	1304499	1295750	1296220	0.62	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:25:53	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1240	1363	1277	1293	4.90	cps
Zirconium	90-1	1000	892	933	942	5.80	cps
Zirconium	91-1	233	283	267	261	9.75	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	S32-0639LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-12-11 19:29:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	275	167	231	24.60	cps
Antimony	121-1	450	617	558	542	15.61	cps
Arsenic	75-2	144	131	131	136	5.51	cps
Barium	135-1	2775	3259	3317	3117	9.54	cps
Barium	137-1	5401	5576	5676	5551	2.51	cps
Beryllium	9-1	72	67	50	63	18.37	cps
Bismuth	209-1	10343531	10243445	10231459	10272812	0.60	cps
Bismuth	209-2	6120799	6020062	6064576	6068479	0.83	cps
Boron	10-1	3300	3459	2817	3192	10.47	cps
Boron	11-1	14282	13949	13924	14052	1.43	cps
Cadmium	111-1	2268	2037	2039	2115	6.28	cps
Cadmium	106-1	3201	2917	2875	2998	5.90	cps
Cadmium	108-1	8	25	4	13	88.19	cps
Calcium	43-1	57781	58407	57647	57945	0.70	cps
Calcium	44-1	927052	932012	937769	932278	0.58	cps
Chromium	52-2	720	843	577	713	18.71	cps
Cobalt	59-2	127	103	83	104	20.77	cps
Copper	63-2	390	330	323	348	10.56	cps
Dysprosium	156-1	33	0	67	33	100.01	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	33	42	58	44	28.65	cps
Erbium	164-2	17	27	27	23	24.74	cps
Gadolinium	160-1	50	50	92	64	37.66	cps
Gadolinium	160-2	163	173	187	174	6.71	cps
Holmium	165-1	14688188	14590260	14379139	14552529	1.09	cps
Holmium	165-2	7963296	7720263	7736632	7806730	1.74	cps
Indium	115-1	10296997	10143321	10086411	10175576	1.07	cps
Indium	115-2	1921722	1891259	1895729	1902903	0.86	cps
Iron	56-2	34697	34268	34045	34337	0.96	cps
Iron	57-2	961	1072	1095	1043	6.85	cps
Krypton	83-1	240	310	257	269	13.60	cps
Lead	206-1	294	267	267	276	5.81	cps
Lead	207-1	206	211	161	193	14.23	cps
Lead	208-1	1106	1061	1039	1069	3.18	cps
Lithium	6-1	4879564	4854448	4874305	4869439	0.27	cps
Magnesium	24-2	165958	170053	169042	168351	1.27	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	S32-0639LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-12-11 19:29:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	48379	49008	48584	48657	0.66	cps
Molybdenum	94-1	2200	2075	2050	2109	3.81	cps
Molybdenum	95-1	3492	3175	2942	3203	8.62	cps
Molybdenum	96-1	3217	3551	3459	3409	5.05	cps
Molybdenum	97-1	1742	2034	2000	1925	8.29	cps
Molybdenum	98-1	5118	5109	5109	5112	0.10	cps
Neodymium	150-1	33	7	20	20	66.65	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	127	117	93	112	15.24	cps
Phosphorus	31-2	67	100	75	81	21.53	cps
Potassium	39-2	140492	144179	143227	142633	1.34	cps
Rhodium	103-1	9094005	9036775	8958082	9029621	0.76	cps
Rhodium	103-2	4266568	4217522	4278719	4254270	0.76	cps
Scandium	45-1	6302257	6240515	6229807	6257526	0.62	cps
Scandium	45-2	243653	237937	239026	240205	1.26	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	37	31	39	36	10.77	cps
Selenium	82-1	53	-14	16	18	180.95	cps
Silicon	28-1	1425862	1422183	1417215	1421753	0.31	cps
Silver	109-1	175	142	200	172	16.99	cps
Silver	107-1	250	200	233	228	11.18	cps
Sodium	23-2	1178624	1177127	1186758	1180836	0.44	cps
Strontium	86-1	50080	48566	50690	49779	2.20	cps
Strontium	88-1	433220	425641	432020	430293	0.95	cps
Sulfur	34-1	222243	217337	221176	220252	1.17	cps
Terbium	159-1	14724820	14631986	14436002	14597603	1.01	cps
Terbium	159-2	7715980	7452721	7524730	7564477	1.80	cps
Thallium	203-1	125	167	175	156	17.22	cps
Thallium	205-1	383	392	292	356	15.61	cps
Thorium	232-1	222	200	211	211	5.26	cps
Tin	118-1	608	658	725	664	8.82	cps
Titanium	47-1	192	208	150	183	16.39	cps
Uranium	238-1	4884	5151	4835	4957	3.44	cps
Vanadium	51-2	43	83	100	76	38.55	cps
Yttrium	89-1	10219868	10111122	9986847	10105946	1.15	cps
Yttrium	89-2	1373841	1355966	1364418	1364742	0.66	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	S32-0639LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-12-11 19:29:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	537	550	623	570	8.19	cps
Zirconium	90-1	708	817	833	786	8.63	cps
Zirconium	91-1	192	158	150	167	13.23	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:33:03	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	169701	168184	167562	168482	0.65	cps
Antimony	121-1	922489	928809	927230	926176	0.36	cps
Arsenic	75-2	26995	27628	27168	27264	1.20	cps
Barium	135-1	1207850	1229386	1238330	1225189	1.28	cps
Barium	137-1	2116847	2164703	2145438	2142329	1.12	cps
Beryllium	9-1	296499	299676	295756	297310	0.70	cps
Bismuth	209-1	9829197	9967254	9942697	9913049	0.74	cps
Bismuth	209-2	5454235	5477564	5463674	5465157	0.21	cps
Boron	10-1	59576	61141	62881	61199	2.70	cps
Boron	11-1	265318	276784	278873	273658	2.67	cps
Cadmium	111-1	270651	275255	276178	274028	1.08	cps
Cadmium	106-1	31269	31302	32355	31642	1.95	cps
Cadmium	108-1	19718	19906	20344	19989	1.61	cps
Calcium	43-1	579728	585140	582325	582397	0.46	cps
Calcium	44-1	9127335	9137510	9117516	9127454	0.11	cps
Chromium	52-2	243206	245304	244405	244305	0.43	cps
Cobalt	59-2	406781	408405	404903	406696	0.43	cps
Copper	63-2	565267	565402	570848	567173	0.56	cps
Dysprosium	156-1	117	92	67	92	27.27	cps
Dysprosium	156-2	33	77	57	56	39.04	cps
Erbium	164-1	117	83	158	119	31.46	cps
Erbium	164-2	30	60	43	44	33.82	cps
Gadolinium	160-1	100	100	83	94	10.18	cps
Gadolinium	160-2	220	180	230	210	12.60	cps
Holmium	165-1	14352722	14580096	14604550	14512456	0.96	cps
Holmium	165-2	7494644	7412272	7412974	7439963	0.64	cps
Indium	115-1	9772872	9855756	9914709	9847779	0.72	cps
Indium	115-2	1785115	1773336	1772184	1776878	0.40	cps
Iron	56-2	10779428	10704076	10653721	10712408	0.59	cps
Iron	57-2	263073	264143	263752	263656	0.21	cps
Krypton	83-1	197	307	240	248	22.36	cps
Lead	206-1	975903	991186	1006032	991040	1.52	cps
Lead	207-1	847131	858481	863715	856442	0.99	cps
Lead	208-1	3870511	3920492	3954069	3915024	1.07	cps
Lithium	6-1	4709687	4751807	4762890	4741462	0.59	cps
Magnesium	24-2	2786273	2790683	2781651	2786202	0.16	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:33:03	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	533025	536290	530564	533293	0.54	cps
Molybdenum	94-1	1876701	1904913	1895577	1892397	0.76	cps
Molybdenum	95-1	2299336	2312307	2320153	2310598	0.45	cps
Molybdenum	96-1	2546794	2573299	2562147	2560747	0.52	cps
Molybdenum	97-1	1433887	1449407	1448452	1443915	0.60	cps
Molybdenum	98-1	3671585	3711151	3730660	3704465	0.81	cps
Neodymium	150-1	107	153	207	156	32.17	cps
Neodymium	150-2	40	43	33	39	13.09	cps
Nickel	60-2	107034	106288	107628	106983	0.63	cps
Phosphorus	31-2	142	158	183	161	13.02	cps
Potassium	39-2	1445623	1458251	1452031	1451969	0.43	cps
Rhodium	103-1	8550303	8627773	8680312	8619462	0.76	cps
Rhodium	103-2	3986630	3945221	3934935	3955595	0.69	cps
Scandium	45-1	5991447	6030533	6057689	6026556	0.55	cps
Scandium	45-2	221890	220542	220313	220915	0.39	cps
Selenium	77-2	777	677	770	741	7.54	cps
Selenium	78-2	2634	2741	2630	2668	2.37	cps
Selenium	82-1	20485	20463	20568	20505	0.27	cps
Silicon	28-1	6608047	6641924	6625969	6625313	0.26	cps
Silver	109-1	1154799	1180746	1172873	1169473	1.14	cps
Silver	107-1	1202208	1211563	1228108	1213960	1.08	cps
Sodium	23-2	9318198	9227913	9186577	9244229	0.73	cps
Strontium	86-1	558069	559993	560836	559633	0.25	cps
Strontium	88-1	4795355	4867519	4867837	4843571	0.86	cps
Sulfur	34-1	383858	386846	380552	383752	0.82	cps
Terbium	159-1	14287054	14569556	14606614	14487741	1.21	cps
Terbium	159-2	7158209	7173737	7086571	7139505	0.65	cps
Thallium	203-1	1197745	1221479	1210523	1209916	0.98	cps
Thallium	205-1	2853558	2911985	2938632	2901392	1.50	cps
Thorium	232-1	1183	995	1017	1065	9.70	cps
Tin	118-1	829858	839391	841214	836821	0.73	cps
Titanium	47-1	641415	651731	644434	645860	0.82	cps
Uranium	238-1	4037488	4107250	4137945	4094228	1.26	cps
Vanadium	51-2	192328	192491	193673	192831	0.38	cps
Yttrium	89-1	9732904	9872259	9864758	9823307	0.80	cps
Yttrium	89-2	1279430	1283221	1281962	1281538	0.15	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:33:03	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	90193	90693	90287	90391	0.29	cps
Zirconium	90-1	1568729	1590919	1592531	1584060	0.84	cps
Zirconium	91-1	354726	360511	355059	356765	0.91	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:36:36	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	166341	165859	164603	165601	0.54	cps
Antimony	121-1	899345	905174	906840	903787	0.44	cps
Arsenic	75-2	27174	27174	27222	27190	0.10	cps
Barium	135-1	1193549	1204143	1213688	1203793	0.84	cps
Barium	137-1	2090729	2094697	2119206	2101544	0.73	cps
Beryllium	9-1	292331	288939	293093	291454	0.76	cps
Bismuth	209-1	9827531	9864993	9928434	9873653	0.52	cps
Bismuth	209-2	5298883	5128195	5317942	5248340	1.99	cps
Boron	10-1	59861	62178	62279	61439	2.23	cps
Boron	11-1	270216	273859	281369	275148	2.07	cps
Cadmium	111-1	267022	269495	269106	268541	0.50	cps
Cadmium	106-1	30417	30392	29974	30261	0.82	cps
Cadmium	108-1	19614	19585	19822	19674	0.66	cps
Calcium	43-1	570414	576416	575161	573997	0.55	cps
Calcium	44-1	9014432	9061644	9010847	9028974	0.31	cps
Chromium	52-2	240029	239697	238409	239378	0.36	cps
Cobalt	59-2	397155	399012	399233	398467	0.29	cps
Copper	63-2	554551	560545	559316	558137	0.57	cps
Dysprosium	156-1	67	92	117	92	27.27	cps
Dysprosium	156-2	57	47	40	48	17.56	cps
Erbium	164-1	83	142	125	117	25.75	cps
Erbium	164-2	43	33	57	44	26.35	cps
Gadolinium	160-1	100	67	108	92	24.05	cps
Gadolinium	160-2	190	193	190	191	1.01	cps
Holmium	165-1	14268920	14375312	14463988	14369406	0.68	cps
Holmium	165-2	7260743	6951689	7204681	7139037	2.31	cps
Indium	115-1	9661398	9750270	9827640	9746436	0.85	cps
Indium	115-2	1719918	1657197	1723026	1700047	2.18	cps
Iron	56-2	10531723	10516198	10516495	10521472	0.08	cps
Iron	57-2	257957	260031	259369	259119	0.41	cps
Krypton	83-1	247	193	260	233	15.12	cps
Lead	206-1	979736	991933	992016	987895	0.72	cps
Lead	207-1	838716	844526	853507	845583	0.88	cps
Lead	208-1	3847648	3872380	3918940	3879656	0.93	cps
Lithium	6-1	4726036	4719373	4759789	4735066	0.46	cps
Magnesium	24-2	2729795	2737470	2725804	2731023	0.22	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:36:36	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	523937	522629	525728	524098	0.30	cps
Molybdenum	94-1	1841953	1856020	1863434	1853802	0.59	cps
Molybdenum	95-1	2243628	2245842	2282838	2257436	0.98	cps
Molybdenum	96-1	2465437	2496220	2538128	2499929	1.46	cps
Molybdenum	97-1	1398494	1421888	1425197	1415193	1.03	cps
Molybdenum	98-1	3589261	3629314	3672203	3630260	1.14	cps
Neodymium	150-1	213	127	173	171	25.35	cps
Neodymium	150-2	43	20	37	33	36.05	cps
Nickel	60-2	105426	105889	105449	105588	0.25	cps
Phosphorus	31-2	133	142	133	136	3.53	cps
Potassium	39-2	1421336	1434440	1432311	1429362	0.49	cps
Rhodium	103-1	8475453	8526616	8525227	8509099	0.34	cps
Rhodium	103-2	3848810	3706344	3846079	3800411	2.14	cps
Scandium	45-1	5978204	6026077	6004049	6002777	0.40	cps
Scandium	45-2	213817	205140	213871	210942	2.38	cps
Selenium	77-2	803	790	723	772	5.55	cps
Selenium	78-2	2591	2704	2587	2627	2.52	cps
Selenium	82-1	20076	20127	20216	20140	0.35	cps
Silicon	28-1	6517524	6502872	6481385	6500594	0.28	cps
Silver	109-1	1144642	1161726	1155418	1153929	0.75	cps
Silver	107-1	1192053	1209605	1227020	1209559	1.45	cps
Sodium	23-2	9123450	9139670	9107508	9123543	0.18	cps
Strontium	86-1	550628	546644	553830	550367	0.65	cps
Strontium	88-1	4755742	4786930	4782799	4775157	0.35	cps
Sulfur	34-1	367961	366595	363448	366001	0.63	cps
Terbium	159-1	14320589	14396494	14567363	14428149	0.88	cps
Terbium	159-2	6994116	6715386	6933530	6881011	2.13	cps
Thallium	203-1	1186335	1185029	1202850	1191405	0.83	cps
Thallium	205-1	2845898	2855962	2893778	2865212	0.88	cps
Thorium	232-1	945	895	833	891	6.25	cps
Tin	118-1	807937	821998	831808	820581	1.46	cps
Titanium	47-1	633387	635041	628545	632324	0.53	cps
Uranium	238-1	4009098	4045545	4089591	4048078	1.00	cps
Vanadium	51-2	189000	189983	189541	189508	0.26	cps
Yttrium	89-1	9661842	9772129	9757264	9730412	0.62	cps
Yttrium	89-2	1235409	1193358	1243473	1224080	2.20	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:36:36	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	89036	88919	88905	88953	0.08	cps
Zirconium	90-1	1545125	1560211	1548439	1551258	0.51	cps
Zirconium	91-1	345771	346834	348021	346876	0.32	cps

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : CCV87 Instrumnet Name : P7
 Client Sample ID : CCV87 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 19:40:10 DataFile Name : 041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5113206	5148010	5187073	5149429	0.72	cps
Antimony	121-1	4163629	4211952	4272569	4216050	1.29	cps
Arsenic	75-2	129778	129769	131025	130191	0.56	cps
Barium	135-1	6073254	6040575	6106199	6073343	0.54	cps
Barium	137-1	10709374	10567109	10714721	10663735	0.79	cps
Beryllium	9-1	1414008	1422321	1423365	1419898	0.36	cps
Bismuth	209-1	8906416	8823170	8948415	8892667	0.72	cps
Bismuth	209-2	4881495	4994132	5047116	4974248	1.70	cps
Boron	10-1	273127	280489	285488	279702	2.22	cps
Boron	11-1	1222048	1239500	1282329	1247959	2.49	cps
Cadmium	111-1	1161474	1176723	1184546	1174248	1.00	cps
Cadmium	106-1	129412	130066	129353	129610	0.31	cps
Cadmium	108-1	88096	89392	89153	88880	0.78	cps
Calcium	43-1	7456369	7486379	7496798	7479849	0.28	cps
Calcium	44-1	118602219	119166532	120275869	119348207	0.71	cps
Chromium	52-2	1335790	1358716	1354355	1349620	0.90	cps
Cobalt	59-2	2071744	2081791	2092168	2081901	0.49	cps
Copper	63-2	2958794	2999199	3022505	2993499	1.08	cps
Dysprosium	156-1	117	175	75	122	41.10	cps
Dysprosium	156-2	133	123	117	124	6.74	cps
Erbium	164-1	108	42	17	56	85.29	cps
Erbium	164-2	30	23	33	29	17.63	cps
Gadolinium	160-1	67	125	83	92	32.78	cps
Gadolinium	160-2	170	217	197	194	12.04	cps
Holmium	165-1	14536857	14583006	14601572	14573812	0.23	cps
Holmium	165-2	7524789	7517744	7652793	7565108	1.00	cps
Indium	115-1	9350862	9302556	9388725	9347381	0.46	cps
Indium	115-2	1740074	1760486	1794392	1764984	1.55	cps
Iron	56-2	280020384	281497023	281498117	281005175	0.30	cps
Iron	57-2	6826397	6817721	6848106	6830741	0.23	cps
Krypton	83-1	237	310	243	263	15.40	cps
Lead	206-1	4509292	4618830	4656673	4594932	1.67	cps
Lead	207-1	4051134	4119492	4189534	4120054	1.68	cps
Lead	208-1	18365690	18548646	18729784	18548040	0.98	cps
Lithium	6-1	4635477	4611518	4588743	4611912	0.51	cps
Magnesium	24-2	57616053	57621351	58606114	57947839	0.98	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:40:10	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1598350	1622547	1618208	1613035	0.80	cps
Molybdenum	94-1	9347266	9468117	9473891	9429758	0.76	cps
Molybdenum	95-1	11527173	11597869	11511436	11545493	0.40	cps
Molybdenum	96-1	12824592	12770278	12801850	12798907	0.21	cps
Molybdenum	97-1	7230620	7276222	7277370	7261404	0.37	cps
Molybdenum	98-1	18500919	18520085	18721788	18580931	0.66	cps
Neodymium	150-1	533	447	367	449	18.57	cps
Neodymium	150-2	63	63	63	63	0.00	cps
Nickel	60-2	526890	536350	531892	531710	0.89	cps
Phosphorus	31-2	49082	50261	50905	50082	1.85	cps
Potassium	39-2	23560102	23735057	23888579	23727913	0.69	cps
Rhodium	103-1	7760183	7763734	7836528	7786815	0.55	cps
Rhodium	103-2	3673758	3718333	3792449	3728180	1.61	cps
Scandium	45-1	6109933	6048027	6168377	6108779	0.99	cps
Scandium	45-2	245766	248006	252899	248890	1.47	cps
Selenium	77-2	3891	3914	3877	3894	0.48	cps
Selenium	78-2	13112	12895	13375	13127	1.83	cps
Selenium	82-1	92564	93133	93654	93117	0.59	cps
Silicon	28-1	3798931	3866021	3938239	3867730	1.80	cps
Silver	109-1	5228860	5303152	5335050	5289021	1.03	cps
Silver	107-1	5447714	5548580	5561029	5519108	1.13	cps
Sodium	23-2	107770215	109094177	109423573	108762655	0.80	cps
Strontium	86-1	1549521	1565060	1566576	1560386	0.60	cps
Strontium	88-1	13314290	13320163	13488786	13374413	0.74	cps
Sulfur	34-1	729557	730876	732628	731020	0.21	cps
Terbium	159-1	14569746	14517414	14605202	14564121	0.30	cps
Terbium	159-2	7210728	7248491	7336685	7265301	0.89	cps
Thallium	203-1	5540420	5650021	5678685	5623042	1.30	cps
Thallium	205-1	13645885	13487145	13743321	13625450	0.95	cps
Thorium	232-1	21096046	21155739	21141282	21131022	0.15	cps
Tin	118-1	4057064	4137864	4159729	4118219	1.31	cps
Titanium	47-1	3341966	3357634	3376561	3358720	0.52	cps
Uranium	238-1	20265234	20374727	20217034	20285665	0.40	cps
Vanadium	51-2	1062968	1074920	1076415	1071434	0.69	cps
Yttrium	89-1	9714151	9660320	9785454	9719975	0.65	cps
Yttrium	89-2	1332755	1344149	1374808	1350571	1.61	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:40:10	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	477496	486406	488304	484069	1.19	cps
Zirconium	90-1	7965457	7992672	7946357	7968162	0.29	cps
Zirconium	91-1	1762136	1788474	1777430	1776014	0.74	cps

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : CCB87 Instrumnet Name : P7
 Client Sample ID : CCB87 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 19:43:50 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	108	58	89	30.13	cps
Antimony	121-1	1784	1884	1692	1786	5.37	cps
Arsenic	75-2	15	7	7	10	43.30	cps
Barium	135-1	217	133	125	158	32.01	cps
Barium	137-1	242	267	242	250	5.77	cps
Beryllium	9-1	217	283	183	228	22.35	cps
Bismuth	209-1	10501288	10602076	10531797	10545054	0.49	cps
Bismuth	209-2	6204924	6240801	6236915	6227547	0.32	cps
Boron	10-1	10988	10145	9036	10057	9.73	cps
Boron	11-1	47083	42778	39837	43233	8.43	cps
Cadmium	111-1	2311	2399	2432	2381	2.62	cps
Cadmium	106-1	3167	3267	3367	3267	3.06	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	267	200	233	233	14.29	cps
Calcium	44-1	8545	8812	8962	8773	2.41	cps
Chromium	52-2	623	697	700	673	6.44	cps
Cobalt	59-2	50	77	53	60	24.22	cps
Copper	63-2	430	377	377	394	7.81	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	17	50	28	69.27	cps
Erbium	164-2	13	20	37	23	51.52	cps
Gadolinium	160-1	50	58	25	44	39.04	cps
Gadolinium	160-2	163	207	183	184	11.76	cps
Holmium	165-1	15064053	15110397	14958795	15044415	0.52	cps
Holmium	165-2	7956315	7992054	7949553	7965974	0.29	cps
Indium	115-1	10527133	10537092	10471171	10511798	0.34	cps
Indium	115-2	1966559	1977849	1982396	1975602	0.41	cps
Iron	56-2	7169	6685	6224	6692	7.06	cps
Iron	57-2	172	222	161	185	17.58	cps
Krypton	83-1	297	317	247	287	12.58	cps
Lead	206-1	461	411	428	433	5.87	cps
Lead	207-1	350	378	356	361	4.07	cps
Lead	208-1	1739	1645	1695	1693	2.79	cps
Lithium	6-1	5169542	5178627	5126718	5158296	0.54	cps
Magnesium	24-2	1025	992	850	956	9.72	cps

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : CCB87 Instrumnet Name : P7
 Client Sample ID : CCB87 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 19:43:50 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	107	120	111	6.93	cps
Molybdenum	94-1	1675	1575	1634	1628	3.09	cps
Molybdenum	95-1	2367	2175	2017	2186	8.02	cps
Molybdenum	96-1	2942	2459	2109	2503	16.72	cps
Molybdenum	97-1	1617	1367	1150	1378	16.95	cps
Molybdenum	98-1	4334	3609	2917	3620	19.57	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	60	47	53	12.50	cps
Phosphorus	31-2	83	75	50	69	24.98	cps
Potassium	39-2	9412	9095	9212	9239	1.73	cps
Rhodium	103-1	9383506	9384996	9387943	9385482	0.02	cps
Rhodium	103-2	4359739	4412591	4407365	4393232	0.66	cps
Scandium	45-1	6609499	6605896	6597605	6604333	0.09	cps
Scandium	45-2	253336	258399	258138	256624	1.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	39	31	35	11.16	cps
Selenium	82-1	28	-1	58	29	103.14	cps
Silicon	28-1	177450	176413	171591	175151	1.79	cps
Silver	109-1	392	342	417	383	9.96	cps
Silver	107-1	467	417	433	439	5.80	cps
Sodium	23-2	12814	12355	11555	12242	5.21	cps
Strontium	86-1	508	425	467	467	8.93	cps
Strontium	88-1	417	425	442	428	2.98	cps
Sulfur	34-1	177285	176122	176475	176627	0.34	cps
Terbium	159-1	15078476	15097690	15072923	15083029	0.09	cps
Terbium	159-2	7729104	7682822	7730706	7714211	0.35	cps
Thallium	203-1	1367	1208	1108	1228	10.61	cps
Thallium	205-1	3451	3051	2942	3148	8.51	cps
Thorium	232-1	2695	2195	2089	2326	13.91	cps
Tin	118-1	1217	925	950	1031	15.69	cps
Titanium	47-1	158	108	183	150	25.46	cps
Uranium	238-1	475	342	425	414	16.27	cps
Vanadium	51-2	17	37	20	24	43.83	cps
Yttrium	89-1	10494842	10541543	10481128	10505837	0.30	cps
Yttrium	89-2	1417810	1425980	1436927	1426906	0.67	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P7
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 19:43:50	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	347	337	290	324	9.32	cps
Zirconium	90-1	1217	1025	1225	1156	9.79	cps
Zirconium	91-1	233	200	317	250	24.04	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:47:23	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192380	194042	192906	193109	0.44	cps
Antimony	121-1	1000509	1005088	1012842	1006146	0.62	cps
Arsenic	75-2	29845	30432	30612	30296	1.32	cps
Barium	135-1	1312858	1317093	1330586	1320179	0.70	cps
Barium	137-1	2299228	2311596	2324847	2311890	0.55	cps
Beryllium	9-1	332776	334552	335988	334439	0.48	cps
Bismuth	209-1	10443422	10434715	10473217	10450451	0.19	cps
Bismuth	209-2	5703863	5775054	5779707	5752875	0.74	cps
Boron	10-1	70163	72650	70573	71129	1.87	cps
Boron	11-1	317934	325596	321395	321642	1.19	cps
Cadmium	111-1	295244	295944	296862	296017	0.27	cps
Cadmium	106-1	34769	33457	33700	33975	2.05	cps
Cadmium	108-1	21796	21446	21508	21583	0.87	cps
Calcium	43-1	648327	657024	652530	652627	0.67	cps
Calcium	44-1	10265871	10255627	10181194	10234231	0.45	cps
Chromium	52-2	273584	276268	274414	274756	0.50	cps
Cobalt	59-2	457769	458516	455463	457249	0.35	cps
Copper	63-2	636830	637370	634575	636258	0.23	cps
Dysprosium	156-1	133	83	83	100	28.87	cps
Dysprosium	156-2	50	80	57	62	25.32	cps
Erbium	164-1	117	150	192	153	24.60	cps
Erbium	164-2	43	53	47	48	10.66	cps
Gadolinium	160-1	92	108	125	108	15.39	cps
Gadolinium	160-2	207	207	190	201	4.79	cps
Holmium	165-1	15370232	15518210	15427254	15438565	0.48	cps
Holmium	165-2	7887090	7921270	7946190	7918183	0.37	cps
Indium	115-1	10608708	10713282	10601654	10641215	0.59	cps
Indium	115-2	1901146	1932851	1925586	1919861	0.87	cps
Iron	56-2	12075178	12104379	12052684	12077414	0.21	cps
Iron	57-2	296224	295846	296893	296321	0.18	cps
Krypton	83-1	357	307	287	317	11.39	cps
Lead	206-1	1032959	1052618	1051713	1045764	1.06	cps
Lead	207-1	894669	887046	906017	895911	1.07	cps
Lead	208-1	4085022	4099754	4158943	4114573	0.95	cps
Lithium	6-1	5246932	5287365	5264672	5266323	0.38	cps
Magnesium	24-2	3183854	3177559	3162524	3174645	0.35	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:47:23	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	595100	598399	600043	597847	0.42	cps
Molybdenum	94-1	2081144	2050079	2055642	2062288	0.80	cps
Molybdenum	95-1	2517631	2494211	2502572	2504804	0.47	cps
Molybdenum	96-1	2783890	2768484	2784181	2778851	0.32	cps
Molybdenum	97-1	1560641	1558712	1573022	1564125	0.50	cps
Molybdenum	98-1	4035985	4056727	4041344	4044686	0.27	cps
Neodymium	150-1	167	220	180	189	14.69	cps
Neodymium	150-2	50	33	57	47	25.76	cps
Nickel	60-2	118877	120191	119620	119563	0.55	cps
Phosphorus	31-2	142	158	192	164	15.54	cps
Potassium	39-2	1654607	1668562	1664150	1662439	0.43	cps
Rhodium	103-1	9335721	9356515	9327318	9339851	0.16	cps
Rhodium	103-2	4264935	4299473	4308713	4291040	0.54	cps
Scandium	45-1	6773217	6774919	6715893	6754676	0.50	cps
Scandium	45-2	249176	250525	250505	250069	0.31	cps
Selenium	77-2	810	853	873	846	3.83	cps
Selenium	78-2	2808	3039	3030	2959	4.43	cps
Selenium	82-1	22463	22614	22575	22550	0.35	cps
Silicon	28-1	7536010	7523869	7402572	7487484	0.99	cps
Silver	109-1	1254100	1277727	1273882	1268570	1.00	cps
Silver	107-1	1319514	1321245	1326353	1322371	0.27	cps
Sodium	23-2	10620873	10577242	10496448	10564854	0.60	cps
Strontium	86-1	612677	619164	612263	614701	0.63	cps
Strontium	88-1	5268153	5307697	5299577	5291809	0.39	cps
Sulfur	34-1	408804	403517	394958	402427	1.74	cps
Terbium	159-1	15541141	15498061	15537821	15525674	0.15	cps
Terbium	159-2	7649849	7639856	7608126	7632610	0.29	cps
Thallium	203-1	1273107	1262138	1272561	1269269	0.49	cps
Thallium	205-1	3029068	3065369	3108858	3067765	1.30	cps
Thorium	232-1	2695	2878	2661	2745	4.25	cps
Tin	118-1	905529	913622	911019	910057	0.45	cps
Titanium	47-1	726891	717525	720937	721785	0.66	cps
Uranium	238-1	4233664	4268666	4316419	4272917	0.97	cps
Vanadium	51-2	218361	217822	218165	218116	0.13	cps
Yttrium	89-1	10692222	10754883	10731646	10726250	0.30	cps
Yttrium	89-2	1386770	1410512	1422730	1406670	1.30	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0639ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:47:23	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	101362	99755	100318	100478	0.81	cps
Zirconium	90-1	1727489	1744984	1736567	1736346	0.50	cps
Zirconium	91-1	388909	387227	384398	386844	0.59	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0640DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:50:57	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1842	1592	1667	1700	7.55	cps
Antimony	121-1	6694	6744	5910	6449	7.25	cps
Arsenic	75-2	587	544	626	586	6.96	cps
Barium	135-1	37042	37234	38053	37443	1.43	cps
Barium	137-1	66250	65664	64702	65539	1.19	cps
Beryllium	9-1	128	117	100	115	12.18	cps
Bismuth	209-1	10315722	10328419	10382967	10342369	0.35	cps
Bismuth	209-2	5570695	5608091	5650734	5609840	0.71	cps
Boron	10-1	9053	8995	9220	9089	1.29	cps
Boron	11-1	41475	41383	39904	40920	2.15	cps
Cadmium	111-1	2285	2180	2295	2253	2.83	cps
Cadmium	106-1	3159	2992	3109	3087	2.77	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	537348	537471	540619	538479	0.34	cps
Calcium	44-1	8586723	8573168	8587879	8582590	0.10	cps
Chromium	52-2	1120	1253	1233	1202	5.98	cps
Cobalt	59-2	1433	1467	1403	1435	2.21	cps
Copper	63-2	1820	1763	1707	1763	3.21	cps
Dysprosium	156-1	200	117	117	144	33.31	cps
Dysprosium	156-2	63	70	70	68	5.68	cps
Erbium	164-1	133	167	125	142	15.56	cps
Erbium	164-2	63	67	40	57	25.64	cps
Gadolinium	160-1	133	242	125	167	39.05	cps
Gadolinium	160-2	173	213	277	221	23.56	cps
Holmium	165-1	14968422	14980612	14955511	14968182	0.08	cps
Holmium	165-2	7723478	7681480	7679944	7694967	0.32	cps
Indium	115-1	10358445	10412617	10370969	10380677	0.27	cps
Indium	115-2	1855126	1859585	1869910	1861540	0.41	cps
Iron	56-2	2931857	2931793	2942876	2935508	0.22	cps
Iron	57-2	76315	74505	76789	75870	1.59	cps
Krypton	83-1	267	230	260	252	7.74	cps
Lead	206-1	1045	850	967	954	10.26	cps
Lead	207-1	678	706	672	685	2.61	cps
Lead	208-1	3400	3172	3567	3380	5.86	cps
Lithium	6-1	5078102	5074197	5037649	5063316	0.44	cps
Magnesium	24-2	479112	478230	486415	481252	0.93	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0640DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:50:57	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	468909	463524	468566	467000	0.65	cps
Molybdenum	94-1	2525	2684	2775	2661	4.75	cps
Molybdenum	95-1	3676	3792	3742	3737	1.57	cps
Molybdenum	96-1	4359	4017	3951	4109	5.33	cps
Molybdenum	97-1	2409	2325	2317	2350	2.16	cps
Molybdenum	98-1	6027	5710	5660	5799	3.43	cps
Neodymium	150-1	173	147	187	169	12.06	cps
Neodymium	150-2	70	60	77	69	12.18	cps
Nickel	60-2	593	540	590	574	5.20	cps
Phosphorus	31-2	100	108	150	119	22.43	cps
Potassium	39-2	500757	500887	501990	501211	0.14	cps
Rhodium	103-1	9130459	9152884	9137534	9140292	0.13	cps
Rhodium	103-2	4163936	4188609	4211744	4188096	0.57	cps
Scandium	45-1	6462679	6479971	6451316	6464655	0.22	cps
Scandium	45-2	235863	236752	235559	236058	0.26	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	50	65	48	54	16.82	cps
Selenium	82-1	64	108	121	98	30.61	cps
Silicon	28-1	6826369	6854172	6805127	6828556	0.36	cps
Silver	109-1	583	567	408	519	18.59	cps
Silver	107-1	625	600	567	597	4.90	cps
Sodium	23-2	5023768	4950797	4939904	4971490	0.92	cps
Strontium	86-1	506129	504776	504969	505292	0.14	cps
Strontium	88-1	4391955	4371021	4321207	4361394	0.83	cps
Sulfur	34-1	592782	597128	592021	593977	0.46	cps
Terbium	159-1	15052856	15039646	15042041	15044848	0.05	cps
Terbium	159-2	7416237	7361000	7385589	7387608	0.37	cps
Thallium	203-1	1333	967	1108	1136	16.28	cps
Thallium	205-1	3009	2534	2284	2609	14.12	cps
Thorium	232-1	800	606	722	709	13.80	cps
Tin	118-1	1975	1617	1884	1825	10.20	cps
Titanium	47-1	1008	942	967	972	3.46	cps
Uranium	238-1	11030	11280	11164	11158	1.12	cps
Vanadium	51-2	313	283	337	311	8.59	cps
Yttrium	89-1	10372939	10475276	10362398	10403538	0.60	cps
Yttrium	89-2	1345979	1353495	1350309	1349927	0.28	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0640DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:50:57	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1163	1160	1110	1145	2.61	cps
Zirconium	90-1	1200	1133	1283	1206	6.23	cps
Zirconium	91-1	242	242	283	256	9.41	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-03DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0641DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:54:31	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3351	3409	3576	3445	3.39	cps
Antimony	121-1	5543	5343	5351	5412	2.09	cps
Arsenic	75-2	1069	1032	1089	1063	2.74	cps
Barium	135-1	25675	24389	24489	24851	2.88	cps
Barium	137-1	44246	43486	43101	43611	1.34	cps
Beryllium	9-1	89	122	100	104	16.37	cps
Bismuth	209-1	10234497	10159393	10205361	10199750	0.37	cps
Bismuth	209-2	5468871	5590411	5623892	5561058	1.47	cps
Boron	10-1	5309	5660	5701	5557	3.87	cps
Boron	11-1	24921	24512	24746	24727	0.83	cps
Cadmium	111-1	2293	2235	2106	2211	4.34	cps
Cadmium	106-1	3175	3092	2934	3067	4.00	cps
Cadmium	108-1	13	13	21	15	31.48	cps
Calcium	43-1	363063	359031	358145	360080	0.73	cps
Calcium	44-1	5782534	5770455	5753099	5768696	0.26	cps
Chromium	52-2	1727	1603	1600	1643	4.39	cps
Cobalt	59-2	12449	12789	12629	12622	1.35	cps
Copper	63-2	980	1100	1033	1038	5.79	cps
Dysprosium	156-1	433	425	342	400	12.67	cps
Dysprosium	156-2	223	167	167	186	17.63	cps
Erbium	164-1	342	308	258	303	13.85	cps
Erbium	164-2	170	193	183	182	6.43	cps
Gadolinium	160-1	317	392	342	350	10.91	cps
Gadolinium	160-2	313	370	327	337	8.80	cps
Holmium	165-1	14622844	14578187	14520908	14573979	0.35	cps
Holmium	165-2	7486902	7569126	7517341	7524456	0.55	cps
Indium	115-1	10069013	10185407	10132093	10128838	0.58	cps
Indium	115-2	1801405	1850854	1836125	1829461	1.39	cps
Iron	56-2	12455399	12346970	12220551	12340973	0.95	cps
Iron	57-2	299238	302160	298596	299998	0.63	cps
Krypton	83-1	243	207	273	241	13.85	cps
Lead	206-1	1161	1189	1256	1202	4.04	cps
Lead	207-1	1061	906	967	978	8.02	cps
Lead	208-1	4656	4462	4723	4613	2.94	cps
Lithium	6-1	4897777	4892786	4850508	4880357	0.53	cps
Magnesium	24-2	321190	323222	322135	322182	0.32	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-03DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0641DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:54:31	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3826008	3843694	3844902	3838201	0.28	cps
Molybdenum	94-1	2267	2200	2500	2323	6.78	cps
Molybdenum	95-1	3192	3592	3300	3362	6.16	cps
Molybdenum	96-1	3642	3651	3867	3720	3.43	cps
Molybdenum	97-1	2009	1842	2092	1981	6.43	cps
Molybdenum	98-1	5076	5226	5310	5204	2.27	cps
Neodymium	150-1	553	547	600	567	5.13	cps
Neodymium	150-2	173	227	177	192	15.54	cps
Nickel	60-2	1930	1970	2077	1992	3.81	cps
Phosphorus	31-2	133	133	125	131	3.68	cps
Potassium	39-2	163113	165057	165539	164569	0.78	cps
Rhodium	103-1	8928309	8990483	8912992	8943928	0.46	cps
Rhodium	103-2	4058117	4120021	4116902	4098346	0.85	cps
Scandium	45-1	6324442	6308183	6266922	6299849	0.47	cps
Scandium	45-2	228579	230711	230995	230095	0.57	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	33	46	50	43	20.26	cps
Selenium	82-1	37	151	40	76	85.51	cps
Silicon	28-1	8105751	8085419	8049226	8080132	0.35	cps
Silver	109-1	392	392	367	383	3.77	cps
Silver	107-1	383	500	433	439	13.34	cps
Sodium	23-2	2551178	2582818	2556726	2563574	0.66	cps
Strontium	86-1	125369	123770	124032	124390	0.69	cps
Strontium	88-1	1084394	1080461	1082458	1082438	0.18	cps
Sulfur	34-1	421027	419578	416993	419199	0.49	cps
Terbium	159-1	14633338	14640214	14632838	14635463	0.03	cps
Terbium	159-2	7237614	7239494	7237069	7238059	0.02	cps
Thallium	203-1	675	542	692	636	12.92	cps
Thallium	205-1	1217	1500	1525	1414	12.11	cps
Thorium	232-1	995	1056	989	1013	3.65	cps
Tin	118-1	1700	1625	1625	1650	2.62	cps
Titanium	47-1	2142	2342	2000	2161	7.94	cps
Uranium	238-1	1825	1675	1734	1745	4.33	cps
Vanadium	51-2	923	890	793	869	7.77	cps
Yttrium	89-1	10168853	10201981	10112989	10161274	0.44	cps
Yttrium	89-2	1304422	1322016	1316773	1314403	0.69	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-03DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0641DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:54:31	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1970	2060	2094	2041	3.13	cps
Zirconium	90-1	1300	1492	1542	1445	8.83	cps
Zirconium	91-1	258	300	325	294	11.44	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0642DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:58:06	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5234	5401	5251	5296	1.73	cps
Antimony	121-1	5635	5243	4843	5240	7.56	cps
Arsenic	75-2	1128	1257	1233	1206	5.72	cps
Barium	135-1	24840	25374	25541	25252	1.45	cps
Barium	137-1	43946	43477	45785	44403	2.75	cps
Beryllium	9-1	161	133	89	128	28.51	cps
Bismuth	209-1	10048852	10128252	10131795	10102966	0.46	cps
Bismuth	209-2	5487779	5530788	5574813	5531127	0.79	cps
Boron	10-1	4709	4442	4726	4626	3.44	cps
Boron	11-1	20898	21725	20247	20957	3.53	cps
Cadmium	111-1	2200	2315	2140	2219	4.01	cps
Cadmium	106-1	3050	3259	3017	3109	4.21	cps
Cadmium	108-1	21	17	25	21	19.99	cps
Calcium	43-1	356973	354647	351502	354374	0.77	cps
Calcium	44-1	5699123	5662703	5661537	5674454	0.38	cps
Chromium	52-2	2324	2434	2660	2472	6.94	cps
Cobalt	59-2	12582	13563	12862	13003	3.89	cps
Copper	63-2	1100	1173	1153	1142	3.32	cps
Dysprosium	156-1	483	375	550	469	18.82	cps
Dysprosium	156-2	253	267	233	251	6.68	cps
Erbium	164-1	483	325	333	381	23.42	cps
Erbium	164-2	227	177	233	212	14.59	cps
Gadolinium	160-1	433	342	425	400	12.67	cps
Gadolinium	160-2	397	357	393	382	5.81	cps
Holmium	165-1	14438945	14497488	14631686	14522706	0.68	cps
Holmium	165-2	7478838	7510437	7476746	7488674	0.25	cps
Indium	115-1	10065694	10083714	10098684	10082697	0.16	cps
Indium	115-2	1798561	1822276	1830618	1817152	0.92	cps
Iron	56-2	12898228	12967812	12957182	12941074	0.29	cps
Iron	57-2	313140	316436	311786	313787	0.76	cps
Krypton	83-1	257	253	203	238	12.56	cps
Lead	206-1	1261	1195	1289	1248	3.89	cps
Lead	207-1	1172	1139	1022	1111	7.09	cps
Lead	208-1	5223	5256	5012	5164	2.57	cps
Lithium	6-1	4779610	4824996	4829673	4811426	0.57	cps
Magnesium	24-2	320686	322705	322028	321806	0.32	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0642DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:58:06	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3763686	3823964	3835613	3807754	1.01	cps
Molybdenum	94-1	2575	2600	2417	2531	3.93	cps
Molybdenum	95-1	3917	3584	3959	3820	5.38	cps
Molybdenum	96-1	4359	4259	4034	4217	3.95	cps
Molybdenum	97-1	2192	2067	2309	2189	5.52	cps
Molybdenum	98-1	5485	5760	5751	5665	2.76	cps
Neodymium	150-1	647	700	780	709	9.47	cps
Neodymium	150-2	260	223	233	239	7.93	cps
Nickel	60-2	2107	1953	1994	2018	3.94	cps
Phosphorus	31-2	108	133	100	114	15.23	cps
Potassium	39-2	163138	164149	164072	163786	0.34	cps
Rhodium	103-1	8896866	8930205	8946214	8924428	0.28	cps
Rhodium	103-2	4054576	4099937	4114990	4089834	0.77	cps
Scandium	45-1	6251928	6247061	6238295	6245761	0.11	cps
Scandium	45-2	225882	228741	230255	228293	0.97	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	43	35	50	43	17.39	cps
Selenium	82-1	94	70	115	93	24.22	cps
Silicon	28-1	8174510	8256591	8163050	8198050	0.62	cps
Silver	109-1	483	358	250	364	32.09	cps
Silver	107-1	433	258	417	369	26.14	cps
Sodium	23-2	2519789	2540195	2540956	2533647	0.47	cps
Strontium	86-1	123645	122771	122712	123043	0.42	cps
Strontium	88-1	1078079	1068811	1084383	1077091	0.73	cps
Sulfur	34-1	412555	414483	412962	413333	0.25	cps
Terbium	159-1	14434739	14585547	14579318	14533201	0.59	cps
Terbium	159-2	7229272	7222476	7177617	7209788	0.39	cps
Thallium	203-1	708	392	483	528	30.87	cps
Thallium	205-1	1067	1092	1242	1133	8.35	cps
Thorium	232-1	1245	1333	1445	1341	7.47	cps
Tin	118-1	1734	2017	1792	1847	8.10	cps
Titanium	47-1	3926	3784	4209	3973	5.45	cps
Uranium	238-1	1800	1809	1792	1800	0.46	cps
Vanadium	51-2	960	907	1010	959	5.39	cps
Yttrium	89-1	10066008	10121498	10161247	10116251	0.47	cps
Yttrium	89-2	1307898	1325146	1322669	1318571	0.71	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0642DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 19:58:06	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2097	2127	2184	2136	2.06	cps
Zirconium	90-1	1425	1533	1483	1481	3.66	cps
Zirconium	91-1	325	258	325	303	12.71	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-05DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2018-3DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:01:41	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	117	150	153	24.60	cps
Antimony	121-1	525	392	483	467	14.62	cps
Arsenic	75-2	4	11	13	9	52.94	cps
Barium	135-1	100	83	125	103	20.41	cps
Barium	137-1	167	167	150	161	5.97	cps
Beryllium	9-1	44	100	56	67	44.09	cps
Bismuth	209-1	10375834	10259353	10243150	10292779	0.70	cps
Bismuth	209-2	6111844	5820280	6089101	6007075	2.70	cps
Boron	10-1	1934	1625	1784	1781	8.66	cps
Boron	11-1	7627	7202	7636	7488	3.31	cps
Cadmium	111-1	2303	2140	2255	2233	3.76	cps
Cadmium	106-1	3259	3034	3184	3159	3.63	cps
Cadmium	108-1	4	13	17	11	57.27	cps
Calcium	43-1	550	525	600	558	6.84	cps
Calcium	44-1	13057	13115	13224	13132	0.64	cps
Chromium	52-2	637	670	617	641	4.20	cps
Cobalt	59-2	33	23	33	30	19.25	cps
Copper	63-2	1033	1013	1113	1053	5.02	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	42	33	17	31	41.66	cps
Erbium	164-2	23	17	10	17	39.99	cps
Gadolinium	160-1	42	58	50	50	16.67	cps
Gadolinium	160-2	197	177	207	193	7.90	cps
Holmium	165-1	14537253	14670201	14517456	14574970	0.57	cps
Holmium	165-2	7831272	7830555	7820187	7827338	0.08	cps
Indium	115-1	10477716	10432883	10394161	10434920	0.40	cps
Indium	115-2	1962587	1984622	1989847	1979019	0.73	cps
Iron	56-2	8013	8197	7947	8052	1.61	cps
Iron	57-2	200	267	150	206	28.47	cps
Krypton	83-1	307	213	300	273	19.05	cps
Lead	206-1	500	611	478	530	13.49	cps
Lead	207-1	383	389	472	415	12.00	cps
Lead	208-1	1989	2000	2061	2017	1.93	cps
Lithium	6-1	4986410	4960367	4942245	4963007	0.45	cps
Magnesium	24-2	342	383	492	406	19.09	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-05DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2018-3DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:01:41	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1413	1437	1330	1393	4.02	cps
Molybdenum	94-1	375	358	342	358	4.65	cps
Molybdenum	95-1	125	125	175	142	20.38	cps
Molybdenum	96-1	242	250	258	250	3.33	cps
Molybdenum	97-1	33	75	58	56	37.75	cps
Molybdenum	98-1	167	183	175	175	4.76	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	147	150	203	167	19.08	cps
Phosphorus	31-2	108	33	100	81	51.03	cps
Potassium	39-2	11555	11955	11030	11513	4.03	cps
Rhodium	103-1	9386991	9250931	9366655	9334859	0.79	cps
Rhodium	103-2	4345458	4382973	4429151	4385861	0.96	cps
Scandium	45-1	6605302	6483420	6469813	6519511	1.14	cps
Scandium	45-2	253376	254478	256640	254832	0.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	28	48	36	30.31	cps
Selenium	82-1	-7	64	44	34	107.64	cps
Silicon	28-1	149381	149920	149978	149760	0.22	cps
Silver	109-1	200	183	133	172	20.15	cps
Silver	107-1	200	167	133	167	20.00	cps
Sodium	23-2	16835	16702	16727	16754	0.42	cps
Strontium	86-1	475	675	567	572	17.50	cps
Strontium	88-1	1433	1617	1592	1547	6.43	cps
Sulfur	34-1	168821	167784	167801	168135	0.35	cps
Terbium	159-1	14772185	14722384	14748639	14747736	0.17	cps
Terbium	159-2	7572730	7585211	7592152	7583364	0.13	cps
Thallium	203-1	150	83	233	156	48.31	cps
Thallium	205-1	533	508	458	500	7.64	cps
Thorium	232-1	222	267	222	237	10.83	cps
Tin	118-1	708	675	742	708	4.71	cps
Titanium	47-1	183	150	100	144	29.04	cps
Uranium	238-1	67	42	33	47	36.74	cps
Vanadium	51-2	20	13	17	17	20.01	cps
Yttrium	89-1	10522137	10405978	10439473	10455863	0.57	cps
Yttrium	89-2	1412530	1422013	1426201	1420248	0.49	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6081-05DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2018-3DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:01:41	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1183	1127	1313	1208	7.92	cps
Zirconium	90-1	900	783	883	856	7.38	cps
Zirconium	91-1	183	158	158	167	8.66	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-01DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0643DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:05:16	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67578	68281	70015	68625	1.83	cps
Antimony	121-1	4359	4251	4868	4493	7.33	cps
Arsenic	75-2	752	741	800	764	4.12	cps
Barium	135-1	9762	10504	9695	9987	4.50	cps
Barium	137-1	17336	18379	17970	17895	2.94	cps
Beryllium	9-1	83	67	117	89	28.64	cps
Bismuth	209-1	9853876	9947534	9948645	9916685	0.55	cps
Bismuth	209-2	5352000	5456396	5467968	5425455	1.18	cps
Boron	10-1	5826	5801	5635	5754	1.81	cps
Boron	11-1	26007	26658	26207	26290	1.27	cps
Cadmium	111-1	2014	2008	1945	1989	1.91	cps
Cadmium	106-1	2825	2834	2750	2803	1.64	cps
Cadmium	108-1	38	25	25	29	24.74	cps
Calcium	43-1	687145	690441	681261	686283	0.68	cps
Calcium	44-1	11051893	10952642	10860218	10954918	0.88	cps
Chromium	52-2	1150	1180	1163	1165	1.29	cps
Cobalt	59-2	413	417	440	423	3.43	cps
Copper	63-2	650	657	747	684	7.89	cps
Dysprosium	156-1	42	58	50	50	16.67	cps
Dysprosium	156-2	17	20	23	20	16.65	cps
Erbium	164-1	42	67	92	67	37.50	cps
Erbium	164-2	13	13	37	21	63.83	cps
Gadolinium	160-1	83	100	75	86	14.78	cps
Gadolinium	160-2	250	130	187	189	31.78	cps
Holmium	165-1	14315977	14301285	14343873	14320378	0.15	cps
Holmium	165-2	7414767	7454301	7442528	7437199	0.27	cps
Indium	115-1	9991750	9934260	9977611	9967874	0.30	cps
Indium	115-2	1783721	1815005	1808434	1802387	0.92	cps
Iron	56-2	78721	79303	79481	79168	0.50	cps
Iron	57-2	4440	4123	4290	4284	3.70	cps
Krypton	83-1	257	267	293	272	6.96	cps
Lead	206-1	456	433	472	454	4.30	cps
Lead	207-1	361	389	467	406	13.49	cps
Lead	208-1	1922	1728	1933	1861	6.21	cps
Lithium	6-1	4765017	4796854	4807252	4789708	0.46	cps
Magnesium	24-2	22543	22668	22768	22659	0.50	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-01DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0643DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:05:16	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3547	3527	3484	3519	0.92	cps
Molybdenum	94-1	30133	31820	30024	30659	3.28	cps
Molybdenum	95-1	51468	52598	51971	52012	1.09	cps
Molybdenum	96-1	56521	55567	56212	56100	0.87	cps
Molybdenum	97-1	33173	32839	32630	32880	0.83	cps
Molybdenum	98-1	83075	85875	81793	83581	2.50	cps
Neodymium	150-1	27	53	53	44	34.64	cps
Neodymium	150-2	17	17	27	20	28.86	cps
Nickel	60-2	21359	21232	21453	21348	0.52	cps
Phosphorus	31-2	200	167	183	183	9.09	cps
Potassium	39-2	368388	374021	370615	371008	0.76	cps
Rhodium	103-1	8798471	8803163	8848191	8816609	0.31	cps
Rhodium	103-2	3976174	4057773	4035808	4023252	1.05	cps
Scandium	45-1	6251677	6192474	6247633	6230595	0.53	cps
Scandium	45-2	225838	230248	228501	228195	0.97	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	39	30	39	36	14.93	cps
Selenium	82-1	51	106	65	74	39.04	cps
Silicon	28-1	5293440	5283731	5233884	5270352	0.61	cps
Silver	109-1	267	217	308	264	17.39	cps
Silver	107-1	342	350	350	347	1.39	cps
Sodium	23-2	8325391	8328845	8288205	8314147	0.27	cps
Strontium	86-1	1274755	1286348	1264684	1275263	0.85	cps
Strontium	88-1	11185453	11143411	11060700	11129855	0.57	cps
Sulfur	34-1	461158	466543	460289	462663	0.73	cps
Terbium	159-1	14299320	14374789	14449009	14374373	0.52	cps
Terbium	159-2	7226607	7212003	7160790	7199800	0.48	cps
Thallium	203-1	433	408	342	394	12.01	cps
Thallium	205-1	1033	1042	992	1022	2.62	cps
Thorium	232-1	428	506	544	493	12.06	cps
Tin	118-1	1625	1609	1542	1592	2.77	cps
Titanium	47-1	1008	942	1117	1022	8.64	cps
Uranium	238-1	1367	1450	1592	1470	7.74	cps
Vanadium	51-2	1247	1163	1110	1173	5.87	cps
Yttrium	89-1	10087816	10009775	10093812	10063801	0.47	cps
Yttrium	89-2	1291862	1309208	1306342	1302470	0.71	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-01DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0643DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:05:16	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1497	1360	1530	1462	6.16	cps
Zirconium	90-1	975	900	875	917	5.68	cps
Zirconium	91-1	217	108	258	194	39.82	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0644DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:08:50	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44935	45821	45729	45495	1.07	cps
Antimony	121-1	4834	4426	4451	4570	5.01	cps
Arsenic	75-2	239	250	215	235	7.67	cps
Barium	135-1	11422	11981	12331	11911	3.85	cps
Barium	137-1	21334	20741	20941	21005	1.43	cps
Beryllium	9-1	56	78	72	69	16.88	cps
Bismuth	209-1	9904170	9840641	9907974	9884262	0.38	cps
Bismuth	209-2	5418189	5459472	5485893	5454518	0.63	cps
Boron	10-1	3209	3451	3451	3370	4.14	cps
Boron	11-1	15158	14649	15759	15189	3.66	cps
Cadmium	111-1	2130	2187	2097	2138	2.13	cps
Cadmium	106-1	3009	3059	2934	3000	2.10	cps
Cadmium	108-1	38	13	4	18	96.06	cps
Calcium	43-1	1167386	1164066	1165808	1165753	0.14	cps
Calcium	44-1	18504442	18602581	18737447	18614823	0.63	cps
Chromium	52-2	1193	1217	1163	1191	2.24	cps
Cobalt	59-2	210	220	203	211	3.97	cps
Copper	63-2	3094	3154	3047	3098	1.73	cps
Dysprosium	156-1	42	33	33	36	13.33	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Erbium	164-1	58	33	92	61	47.89	cps
Erbium	164-2	10	43	23	26	65.65	cps
Gadolinium	160-1	17	58	92	56	67.63	cps
Gadolinium	160-2	167	147	140	151	9.18	cps
Holmium	165-1	14283054	14202806	14383648	14289836	0.63	cps
Holmium	165-2	7465283	7391636	7417552	7424824	0.50	cps
Indium	115-1	9882622	9937047	9931535	9917068	0.30	cps
Indium	115-2	1785161	1771606	1789820	1782196	0.53	cps
Iron	56-2	44618	44679	44077	44458	0.75	cps
Iron	57-2	5346	5029	5123	5166	3.15	cps
Krypton	83-1	240	253	260	251	4.06	cps
Lead	206-1	722	606	589	639	11.37	cps
Lead	207-1	417	361	528	435	19.50	cps
Lead	208-1	2383	2178	2245	2269	4.62	cps
Lithium	6-1	4741648	4761219	4774301	4759056	0.35	cps
Magnesium	24-2	17202	17811	18212	17742	2.87	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0644DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:08:50	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	823	673	787	761	10.27	cps
Molybdenum	94-1	24088	24606	23178	23957	3.02	cps
Molybdenum	95-1	42272	41912	41068	41751	1.48	cps
Molybdenum	96-1	43584	43601	44077	43754	0.64	cps
Molybdenum	97-1	26425	25999	26576	26333	1.14	cps
Molybdenum	98-1	66070	67168	68557	67265	1.85	cps
Neodymium	150-1	33	33	13	27	43.31	cps
Neodymium	150-2	17	10	20	16	32.73	cps
Nickel	60-2	2217	2217	2430	2288	5.38	cps
Phosphorus	31-2	83	58	58	67	21.65	cps
Potassium	39-2	265756	264638	265545	265313	0.22	cps
Rhodium	103-1	8728940	8748629	8695493	8724354	0.31	cps
Rhodium	103-2	3944354	3970562	3977758	3964225	0.44	cps
Scandium	45-1	6104983	6152115	6173421	6143506	0.57	cps
Scandium	45-2	224725	225754	224509	224996	0.30	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	46	31	35	38	20.48	cps
Selenium	82-1	96	39	128	88	51.12	cps
Silicon	28-1	4544241	4394086	4373590	4437306	2.10	cps
Silver	109-1	325	333	242	300	16.90	cps
Silver	107-1	317	433	317	356	18.95	cps
Sodium	23-2	5703229	5687955	5650354	5680513	0.48	cps
Strontium	86-1	251466	250529	255275	252423	1.00	cps
Strontium	88-1	2186725	2193753	2199164	2193214	0.28	cps
Sulfur	34-1	261270	263279	263789	262779	0.51	cps
Terbium	159-1	14335524	14343739	14459769	14379677	0.48	cps
Terbium	159-2	7155365	7114651	7158988	7143001	0.34	cps
Thallium	203-1	283	283	217	261	14.74	cps
Thallium	205-1	625	658	692	658	5.06	cps
Thorium	232-1	278	283	228	263	11.64	cps
Tin	118-1	1308	1417	1225	1317	7.30	cps
Titanium	47-1	750	633	750	711	9.47	cps
Uranium	238-1	1225	1142	1117	1161	4.89	cps
Vanadium	51-2	3297	3644	3394	3445	5.19	cps
Yttrium	89-1	9944015	9922908	10012162	9959695	0.47	cps
Yttrium	89-2	1282478	1290109	1284340	1285642	0.31	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	J6232-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0644DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-11 20:08:50	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1057	990	967	1004	4.65	cps
Zirconium	90-1	867	858	933	886	4.64	cps
Zirconium	91-1	142	158	175	158	10.52	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 20:12:25	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4939754	4999699	5050637	4996697	1.11	cps
Antimony	121-1	4033567	4082917	4143583	4086689	1.35	cps
Arsenic	75-2	124169	126935	127970	126358	1.56	cps
Barium	135-1	5742032	5835624	5818976	5798877	0.86	cps
Barium	137-1	10053073	10212829	10194018	10153307	0.86	cps
Beryllium	9-1	1362053	1358004	1371996	1364018	0.53	cps
Bismuth	209-1	8555739	8738309	8640244	8644764	1.06	cps
Bismuth	209-2	4831183	4927599	4975902	4911561	1.50	cps
Boron	10-1	257904	266949	269122	264658	2.25	cps
Boron	11-1	1152574	1198291	1202030	1184298	2.33	cps
Cadmium	111-1	1112759	1121146	1130003	1121303	0.77	cps
Cadmium	106-1	122659	123156	123727	123181	0.43	cps
Cadmium	108-1	83318	84592	84898	84269	0.99	cps
Calcium	43-1	7157152	7175537	7200529	7177739	0.30	cps
Calcium	44-1	113648761	113881565	113731503	113753943	0.10	cps
Chromium	52-2	1294319	1308778	1325211	1309436	1.18	cps
Cobalt	59-2	1992342	2025941	2034136	2017473	1.10	cps
Copper	63-2	2817740	2882149	2878997	2859629	1.27	cps
Dysprosium	156-1	100	167	133	133	25.00	cps
Dysprosium	156-2	83	127	163	124	32.18	cps
Erbium	164-1	50	75	58	61	20.83	cps
Erbium	164-2	30	53	23	36	44.31	cps
Gadolinium	160-1	58	117	100	92	32.77	cps
Gadolinium	160-2	213	233	177	208	13.83	cps
Holmium	165-1	13880959	14107631	13995241	13994610	0.81	cps
Holmium	165-2	7326152	7340126	7457348	7374542	0.98	cps
Indium	115-1	8924048	8930567	8988480	8947698	0.40	cps
Indium	115-2	1712140	1731125	1753876	1732380	1.21	cps
Iron	56-2	271134156	272835762	276325562	273431826	0.97	cps
Iron	57-2	6582581	6620218	6672790	6625196	0.68	cps
Krypton	83-1	223	257	333	271	20.80	cps
Lead	206-1	4419294	4477355	4490298	4462316	0.85	cps
Lead	207-1	3967834	4053595	4047909	4023113	1.19	cps
Lead	208-1	17892737	18168880	18084353	18048656	0.78	cps
Lithium	6-1	4438984	4466506	4472993	4459495	0.40	cps
Magnesium	24-2	55291397	56253947	57079491	56208278	1.59	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 20:12:25	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1546551	1574558	1591807	1570972	1.45	cps
Molybdenum	94-1	9039605	9066298	9063710	9056537	0.16	cps
Molybdenum	95-1	10975279	11057789	11030197	11021088	0.38	cps
Molybdenum	96-1	12202591	12313335	12224019	12246648	0.48	cps
Molybdenum	97-1	6896008	6974336	6924141	6931495	0.57	cps
Molybdenum	98-1	17691901	17790620	17771208	17751243	0.29	cps
Neodymium	150-1	480	493	460	478	3.51	cps
Neodymium	150-2	50	53	57	53	6.25	cps
Nickel	60-2	508278	518463	519336	515359	1.19	cps
Phosphorus	31-2	47100	47652	48195	47649	1.15	cps
Potassium	39-2	22841270	23088957	23555025	23161751	1.56	cps
Rhodium	103-1	7441897	7488084	7463486	7464489	0.31	cps
Rhodium	103-2	3590673	3634411	3671238	3632107	1.11	cps
Scandium	45-1	5800377	5857007	5835365	5830916	0.49	cps
Scandium	45-2	237530	244028	244341	241966	1.59	cps
Selenium	77-2	3557	4104	3764	3808	7.25	cps
Selenium	78-2	12342	12685	12724	12584	1.67	cps
Selenium	82-1	86397	87357	87902	87219	0.87	cps
Silicon	28-1	3577452	3688173	3719367	3661664	2.04	cps
Silver	109-1	5022978	5120762	5138465	5094069	1.22	cps
Silver	107-1	5192539	5302440	5319861	5271613	1.31	cps
Sodium	23-2	104700902	105927273	107129361	105919179	1.15	cps
Strontium	86-1	1482983	1501585	1512028	1498865	0.98	cps
Strontium	88-1	12893542	12826811	12879822	12866725	0.27	cps
Sulfur	34-1	686491	694676	692407	691191	0.61	cps
Terbium	159-1	13864046	13975274	14008267	13949196	0.54	cps
Terbium	159-2	6990396	7075580	7130259	7065412	1.00	cps
Thallium	203-1	5400455	5491294	5462552	5451433	0.85	cps
Thallium	205-1	13226454	13219691	13136161	13194102	0.38	cps
Thorium	232-1	20892262	20981731	20925896	20933296	0.22	cps
Tin	118-1	3872340	3941342	3973581	3929088	1.32	cps
Titanium	47-1	3197127	3256796	3249420	3234448	1.01	cps
Uranium	238-1	20180109	20319968	20230046	20243374	0.35	cps
Vanadium	51-2	1030663	1045005	1054547	1043405	1.15	cps
Yttrium	89-1	9286566	9340398	9328748	9318571	0.30	cps
Yttrium	89-2	1298501	1313957	1335753	1316071	1.42	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 20:12:25	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	454669	463406	462470	460181	1.04	cps
Zirconium	90-1	7597597	7630359	7676168	7634708	0.52	cps
Zirconium	91-1	1705718	1733123	1717472	1718771	0.80	cps

LB Number : LB99743 Operator : Jaswal
 Lab Sample ID : CCB88 Instrumnet Name : P7
 Client Sample ID : CCB88 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-11 20:16:03 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	125	150	161	26.54	cps
Antimony	121-1	1600	1183	1442	1408	14.94	cps
Arsenic	75-2	17	11	4	10	62.01	cps
Barium	135-1	342	283	233	286	18.95	cps
Barium	137-1	692	442	350	494	35.77	cps
Beryllium	9-1	178	144	178	167	11.55	cps
Bismuth	209-1	10449852	10363128	10383806	10398929	0.44	cps
Bismuth	209-2	6175432	5858295	6215160	6082963	3.22	cps
Boron	10-1	7994	7344	6777	7372	8.26	cps
Boron	11-1	34933	31651	29020	31868	9.30	cps
Cadmium	111-1	2486	2148	2363	2332	7.33	cps
Cadmium	106-1	3367	2925	3159	3151	7.02	cps
Cadmium	108-1	13	29	21	21	40.01	cps
Calcium	43-1	433	275	425	378	23.59	cps
Calcium	44-1	14033	12064	11372	12490	11.05	cps
Chromium	52-2	730	890	757	792	10.82	cps
Cobalt	59-2	123	103	110	112	9.07	cps
Copper	63-2	500	497	520	506	2.50	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	25	67	67	53	45.58	cps
Erbium	164-2	33	23	3	20	76.39	cps
Gadolinium	160-1	75	50	25	50	50.00	cps
Gadolinium	160-2	190	153	170	171	10.73	cps
Holmium	165-1	14742312	14653091	14657100	14684168	0.34	cps
Holmium	165-2	7961831	7896297	7934636	7930921	0.42	cps
Indium	115-1	10416814	10399571	10442051	10419479	0.21	cps
Indium	115-2	1964079	2004545	2000871	1989832	1.12	cps
Iron	56-2	12178	12194	12289	12220	0.49	cps
Iron	57-2	317	300	239	285	14.36	cps
Krypton	83-1	227	283	177	229	23.32	cps
Lead	206-1	611	483	472	522	14.78	cps
Lead	207-1	544	511	422	493	12.83	cps
Lead	208-1	2389	2100	2122	2204	7.29	cps
Lithium	6-1	5092083	5037330	5133891	5087768	0.95	cps
Magnesium	24-2	1959	1934	2109	2000	4.73	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 20:16:03	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	123	117	113	10.61	cps
Molybdenum	94-1	2050	1742	1583	1792	13.25	cps
Molybdenum	95-1	2942	2175	2125	2414	18.96	cps
Molybdenum	96-1	3567	2517	2367	2817	23.22	cps
Molybdenum	97-1	1884	1583	1333	1600	17.21	cps
Molybdenum	98-1	4634	3901	3351	3962	16.26	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	60	57	68	24.26	cps
Phosphorus	31-2	75	75	108	86	22.35	cps
Potassium	39-2	10071	10529	10071	10223	2.59	cps
Rhodium	103-1	9155373	9231187	9237862	9208141	0.50	cps
Rhodium	103-2	4360318	4406241	4435503	4400687	0.86	cps
Scandium	45-1	6524448	6523694	6517213	6521785	0.06	cps
Scandium	45-2	258556	259983	264094	260877	1.10	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	31	41	37	36	12.80	cps
Selenium	82-1	105	14	111	77	70.70	cps
Silicon	28-1	172053	171058	167175	170095	1.52	cps
Silver	109-1	558	608	617	594	5.31	cps
Silver	107-1	833	717	600	717	16.28	cps
Sodium	23-2	18312	17411	16727	17483	4.55	cps
Strontium	86-1	450	575	467	497	13.65	cps
Strontium	88-1	1033	708	650	797	25.91	cps
Sulfur	34-1	166605	169764	168754	168375	0.96	cps
Terbium	159-1	14874427	14794813	14832145	14833795	0.27	cps
Terbium	159-2	7669924	7679069	7662044	7670346	0.11	cps
Thallium	203-1	1567	1350	1117	1345	16.74	cps
Thallium	205-1	3709	3009	2842	3187	14.44	cps
Thorium	232-1	3273	2406	2339	2673	19.49	cps
Tin	118-1	1158	1183	1083	1142	4.56	cps
Titanium	47-1	292	208	358	286	26.27	cps
Uranium	238-1	1150	958	775	961	19.51	cps
Vanadium	51-2	50	70	53	58	18.55	cps
Yttrium	89-1	10297735	10258240	10474191	10343389	1.11	cps
Yttrium	89-2	1427494	1442252	1448118	1439288	0.74	cps

LB Number :	LB99743	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-12-11 20:16:03	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	337	343	347	342	1.49	cps
Zirconium	90-1	1208	1342	1225	1258	5.77	cps
Zirconium	91-1	275	258	292	275	6.06	cps