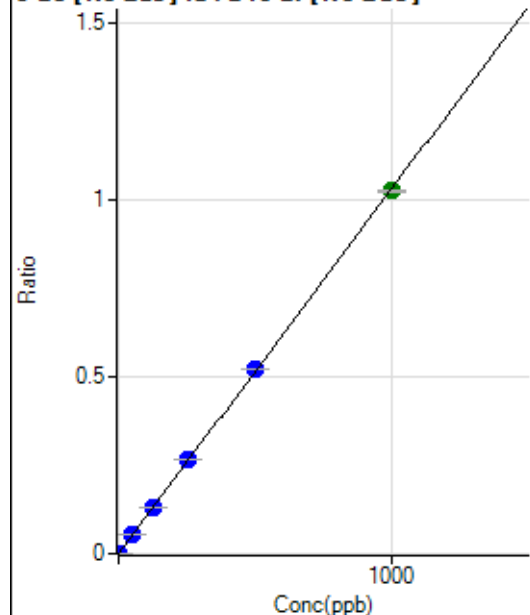


Batch Folder: D:\ICP-MS Data\P7012219-MS.b\
Analysis File: P7012219-MS.batch.bin
DA Date-Time: 2019-01-22 16:18:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-01-22 12:00:18
2			
3	005CALS.d	S02	2019-01-22 12:08:40
4	006CALS.d	S03	2019-01-22 12:12:37
5	007CALS.d	S04	2019-01-22 12:16:47
6	008CALS.d	S05	2019-01-22 12:20:36
7	009CALS.d	S06	2019-01-22 12:24:22
8	010CALS.d	S07	2019-01-22 12:28:07
9	011CALS.d	S08	2019-01-22 12:31:54

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0000	P	18.4
2	☐	0.100					
3	☐	1.000	0.966	4917.54	0.0010	P	1.5
4	☐	50.000	51.938	255501.91	0.0535	P	0.1
5	☐	125.000	128.099	595518.22	0.1320	P	0.7
6	☐	250.000	257.271	1162197.36	0.2650	P	0.3
7	☐	500.000	505.426	2262461.20	0.5207	P	0.3
8	☐	1000.000	994.985	4458345.56	1.0250	A	0.4
9	☐			451.13	0.0001	P	7.3

$$y = 0.0010 * x + 8.7460E-006$$

$$R = 0.9999$$

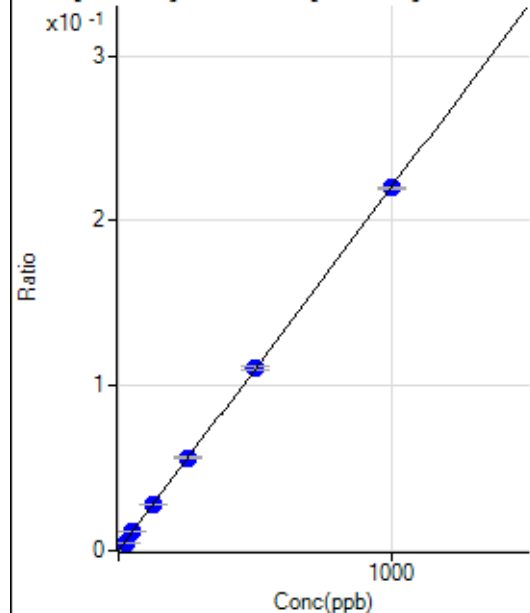
$$DL = 0.004685$$

$$BEC = 0.00849$$

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	669.49	0.0001	P	15.9
2	☐	2.500					
3	☐	25.000	22.938	25408.38	0.0052	P	0.5
4	☐	50.000	50.400	53632.10	0.0112	P	1.4
5	☐	125.000	125.525	125305.04	0.0278	P	1.7
6	☐	250.000	254.252	246019.30	0.0561	P	1.9
7	☐	500.000	501.622	480412.15	0.1106	P	1.5
8	☐	1000.000	998.092	956235.01	0.2198	P	0.9
9	☐			15794.95	0.0039	P	11.3

$$y = 2.2013E-004 * x + 1.3864E-004$$

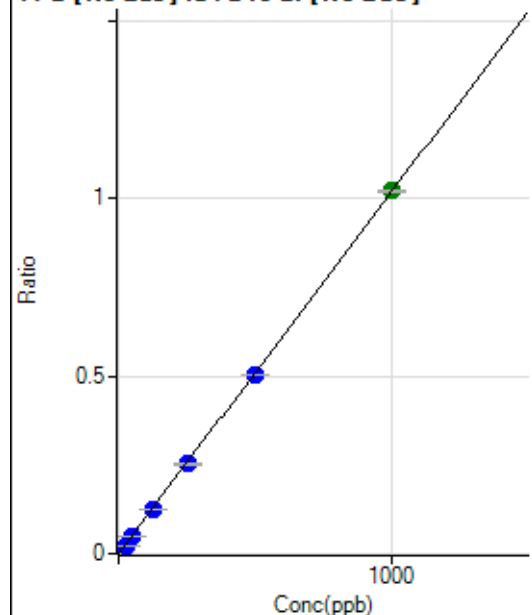
$$R = 1.0000$$

$$DL = 0.3013$$

$$BEC = 0.6298$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2950.41	0.0006	P	6.9
2	☐	2.500					
3	☐	25.000	22.519	115137.17	0.0235	P	1.9
4	☐	50.000	49.640	243941.17	0.0511	P	1.1
5	☐	125.000	123.107	567692.69	0.1258	P	0.8
6	☐	250.000	248.429	1110498.52	0.2533	P	2.1
7	☐	500.000	494.982	2189948.77	0.5040	P	0.5
8	☐	1000.000	1003.218	4440265.33	1.0208	A	0.4
9	☐			71624.29	0.0175	P	9.9

$$y = 0.0010 * x + 6.1103E-004$$

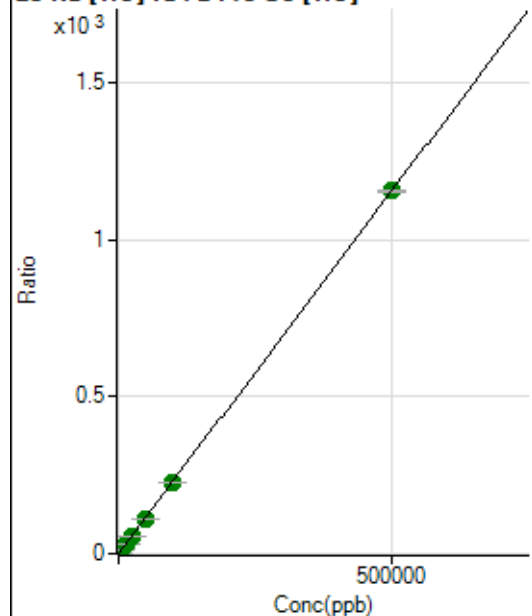
$$R = 1.0000$$

$$DL = 0.1249$$

$$BEC = 0.6008$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14546.54	0.0351	P	2.1
2	☐	50.000					
3	☐	500.000	466.968	453060.63	1.1133	P	0.5
4	☐	5000.000	4993.780	4558539.25	11.5659	A	0.9
5	☐	12500.000	12593.582	10757382.96	29.1140	A	0.9
6	☐	25000.000	24894.794	21451438.67	57.5178	A	0.9
7	☐	50000.000	48880.154	43610552.01	112.9006	A	0.3
8	☐	100000.00	97671.631	89804092.28	225.5615	A	0.8
9	☐	500000.00	500580.67	455758632.41	1,155.889	A	0.6

$$y = 0.0023 * x + 0.0351$$

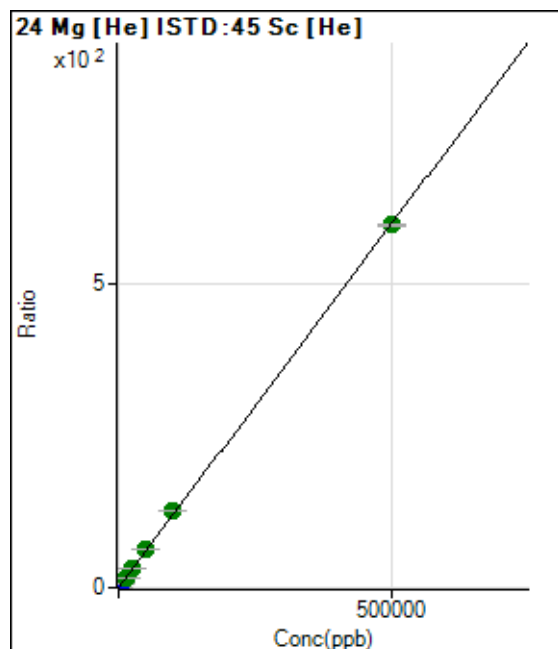
$$R = 1.0000$$

$$DL = 0.9454$$

$$BEC = 15.19$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0004	P	19.1
2	☐	50.000					
3	☐	500.000	509.167	247995.07	0.6094	P	1.1
4	☐	5000.000	5483.058	2584916.20	6.5584	P	0.7
5	☐	12500.000	13737.531	6071088.33	16.4311	A	0.9
6	☐	25000.000	27045.021	12064156.61	32.3474	A	0.4
7	☐	50000.000	52900.043	24439959.05	63.2711	A	0.3
8	☐	100000.00	104994.82	49996839.31	125.5786	A	0.9
9	☐	500000.00	498573.00	235127666.37	596.3146	A	0.5

$$y = 0.0012 * x + 4.0898E-004$$

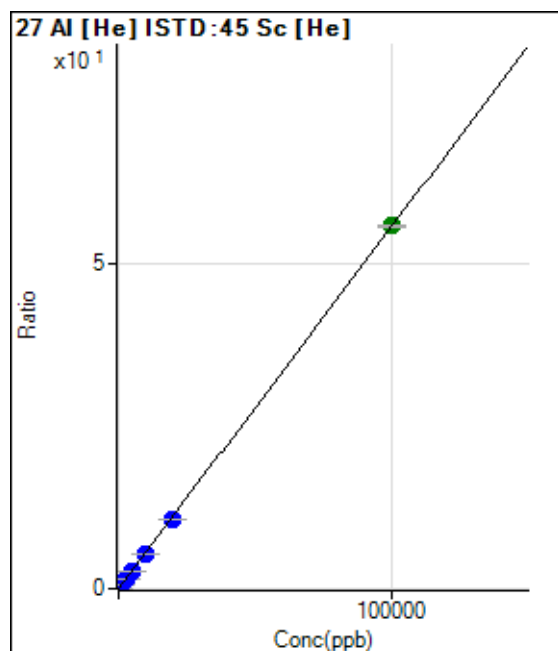
$$R = 0.9999$$

$$DL = 0.1963$$

$$BEC = 0.3419$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.01	0.0002	P	28.7
2	☐	2.000					
3	☐	20.000	19.392	4464.71	0.0110	P	6.3
4	☐	1000.000	994.256	218129.65	0.5534	P	0.5
5	☐	2500.000	2496.751	513375.13	1.3894	P	1.0
6	☐	5000.000	4917.256	1020518.02	2.7363	P	0.3
7	☐	10000.000	9623.295	2068412.33	5.3548	P	0.6
8	☐	20000.000	19121.395	4236197.92	10.6398	P	0.7
9	☐	100000.00	100217.66	21987823.41	55.7638	A	0.5

$$y = 5.5642E-004 * x + 1.8068E-004$$

$$R = 1.0000$$

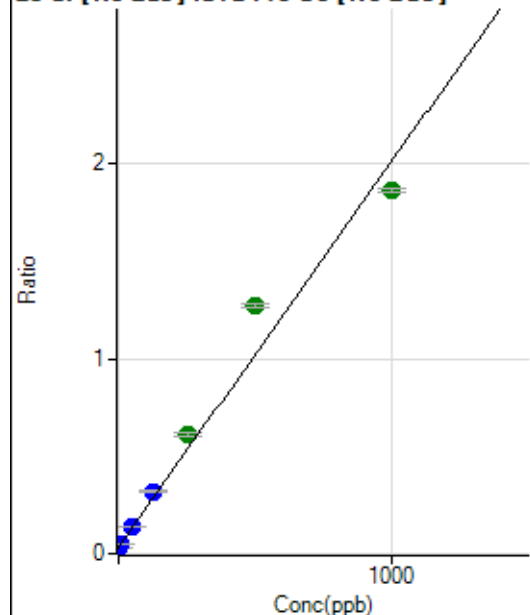
$$DL = 0.28$$

$$BEC = 0.3247$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	302592.29	0.0332	P	0.7
2	☐	1.000					
3	☐	10.000	6.330	417080.18	0.0457	P	2.8
4	☐	50.000	54.086	1242832.55	0.1403	P	3.0
5	☐	125.000	144.032	2661576.86	0.3184	P	3.2
6	☐	250.000	292.195	5104645.60	0.6117	A	3.0
7	☐	500.000	625.397	10764459.53	1.2714	A	1.5
8	☐	1000.000	924.206	16199076.06	1.8630	A	1.2
9	☐			1085640.85	0.1297	P	0.4

$$y = 0.0020 * x + 0.0332$$

$$R = 0.9862$$

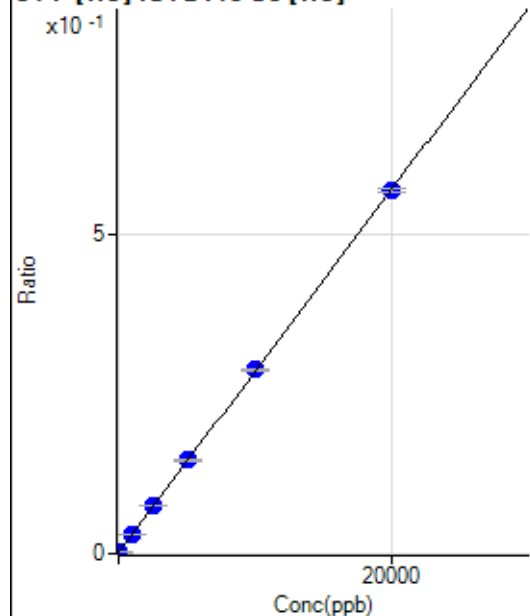
$$DL = 0.3305$$

$$BEC = 16.77$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-25.294	377.80	0.0009	P	20.2
2	☐	0.000					
3	☐	0.000	25.294	955.63	0.0023	P	3.8
4	☐	1000.000	1021.991	12091.44	0.0307	P	1.2
5	☐	2500.000	2563.193	27520.72	0.0745	P	0.8
6	☐	5000.000	5098.813	54659.39	0.1466	P	1.5
7	☐	10000.000	10072.820	111218.16	0.2879	P	1.4
8	☐	20000.000	19929.888	226177.91	0.5681	P	1.0
9	☐			400.02	0.0010	P	11.5

$$y = 2.8423E-005 * x + 0.0016$$

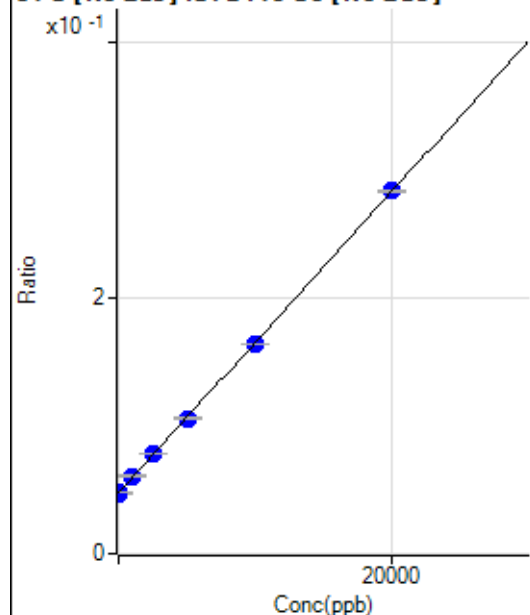
$$R = 1.0000$$

$$DL = 14.46$$

$$BEC = 57.32$$

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	-35.604	430155.14	0.0472	P	0.7
2	☐	0.000					
3	☐	0.000	35.604	438174.37	0.0480	P	1.8
4	☐	1000.000	1128.390	539898.88	0.0609	P	0.4
5	☐	2500.000	2583.727	652934.18	0.0781	P	0.8
6	☐	5000.000	4941.448	883605.47	0.1059	P	0.9
7	☐	10000.000	9895.948	1391319.84	0.1643	P	0.3
8	☐	20000.000	20049.778	2470377.47	0.2841	P	0.7
9	☐			359973.94	0.0430	P	0.3

$$y = 1.1795E-005 * x + 0.0476$$

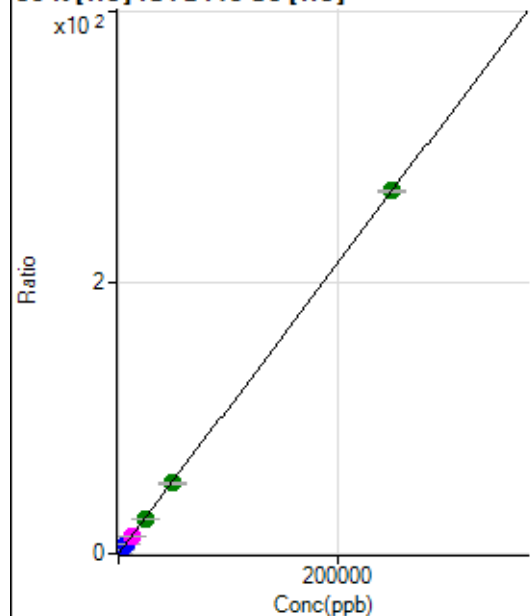
R = 0.9999

DL = 149.5

BEC = 4037

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	17847.49	0.0430	P	2.9
2	☐	50.000					
3	☐	500.000	465.725	219733.92	0.5400	P	0.6
4	☐	2500.000	2445.257	1045309.49	2.6521	P	0.4
5	☐	6250.000	6135.764	2434883.21	6.5897	P	0.5
6	☐	12500.000	12246.765	4889461.35	13.1100	M	0.4
7	☐	25000.000	24234.550	10004739.11	25.9007	A	0.3
8	☐	50000.000	48438.527	20594269.21	51.7256	A	0.6
9	☐	250000.00	250404.97	105363417.63	267.2184	A	0.8

$$y = 0.0011 * x + 0.0430$$

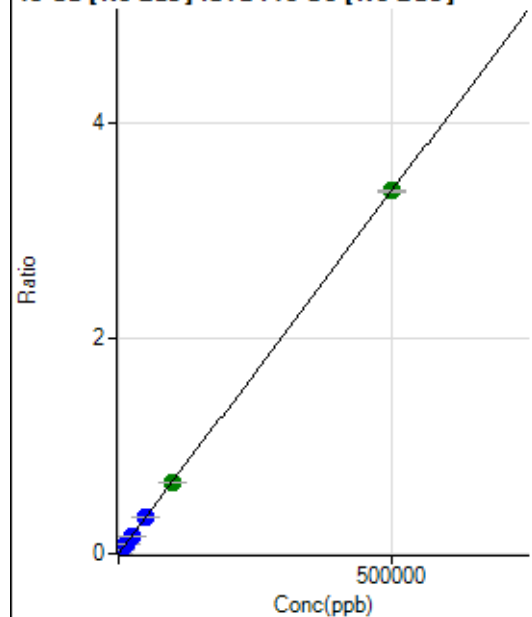
R = 1.0000

DL = 3.516

BEC = 40.34

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.34	0.0000	P	28.5
2	☐	50.000					
3	☐	500.000	465.121	28706.62	0.0031	P	3.2
4	☐	5000.000	4968.938	296716.31	0.0335	P	1.3
5	☐	12500.000	12483.421	703207.63	0.0841	P	0.4
6	☐	25000.000	24993.443	1404967.63	0.1684	P	0.2
7	☐	50000.000	49629.703	2830566.92	0.3344	P	0.7
8	☐	100000.00	98904.679	5793570.18	0.6663	A	0.9
9	☐	500000.00	500257.18	28203724.94	3.3701	A	0.6

$$y = 6.7368E-006 * x + 1.4625E-005$$

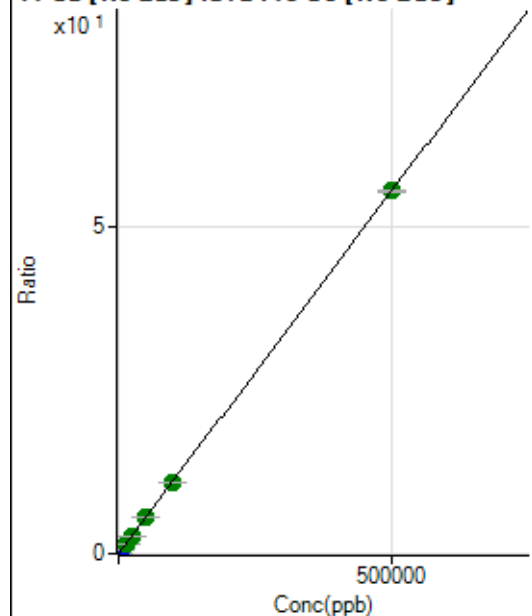
$$R = 1.0000$$

$$DL = 1.853$$

$$BEC = 2.171$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11680.84	0.0013	P	4.2
2	☐	50.000					
3	☐	500.000	460.585	476184.64	0.0522	P	2.2
4	☐	5000.000	4959.089	4870209.36	0.5497	P	0.7
5	☐	12500.000	12389.958	11464984.37	1.3714	A	1.0
6	☐	25000.000	24627.131	22732331.93	2.7246	A	0.3
7	☐	50000.000	49265.865	46131978.81	5.4492	A	0.2
8	☐	100000.00	98667.739	94880095.87	10.9121	A	1.0
9	☐	500000.00	500361.70	463063171.46	55.3320	A	0.4

$$y = 1.1058E-004 * x + 0.0013$$

$$R = 1.0000$$

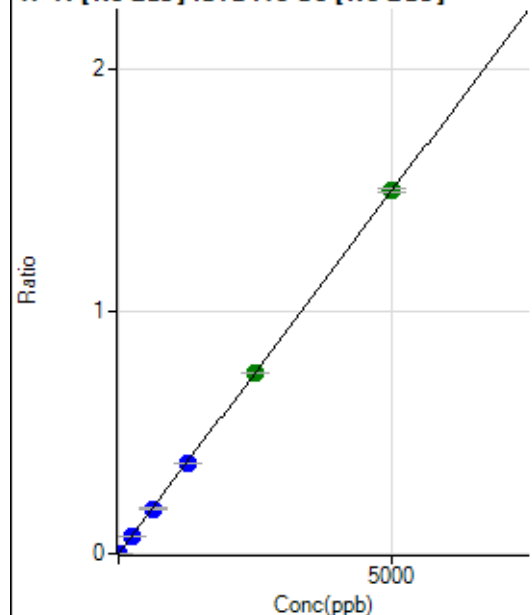
$$DL = 1.457$$

$$BEC = 11.59$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	16.8
2	☐	0.500					
3	☐	5.000	4.870	13367.65	0.0015	P	5.0
4	☐	250.000	250.499	663275.34	0.0749	P	0.3
5	☐	625.000	621.741	1553144.68	0.1858	P	0.7
6	☐	1250.000	1242.469	3097393.02	0.3712	P	0.5
7	☐	2500.000	2495.518	6312190.11	0.7456	A	0.7
8	☐	5000.000	5004.506	13001329.02	1.4953	A	1.2
9	☐			2692.03	0.0003	P	11.6

$$y = 2.9879\text{E-}004 * x + 1.1278\text{E-}005$$

$$R = 1.0000$$

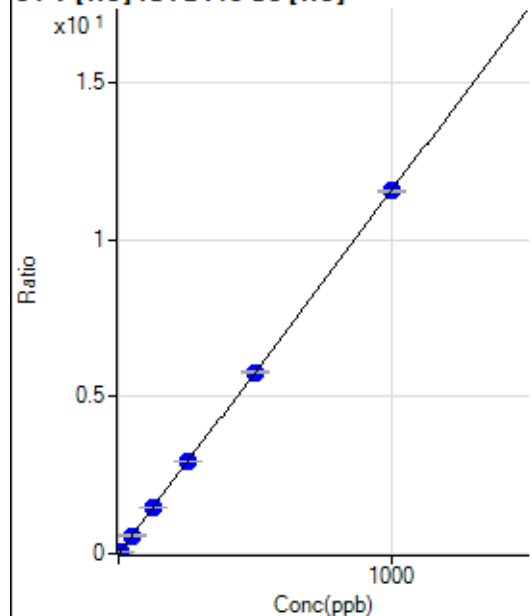
$$DL = 0.01899$$

$$BEC = 0.03775$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.44	0.0000	P	114.
2	☐	0.500					
3	☐	5.000	5.005	23570.15	0.0579	P	0.4
4	☐	50.000	50.180	228839.70	0.5806	P	1.3
5	☐	125.000	126.686	541602.45	1.4658	P	0.7
6	☐	250.000	252.124	1087981.84	2.9171	P	0.3
7	☐	500.000	499.855	2233993.46	5.7835	P	0.4
8	☐	1000.000	999.322	4603544.03	11.5624	P	0.2
9	☐			797.81	0.0020	P	5.0

$$y = 0.0116 * x + 1.0669\text{E-}005$$

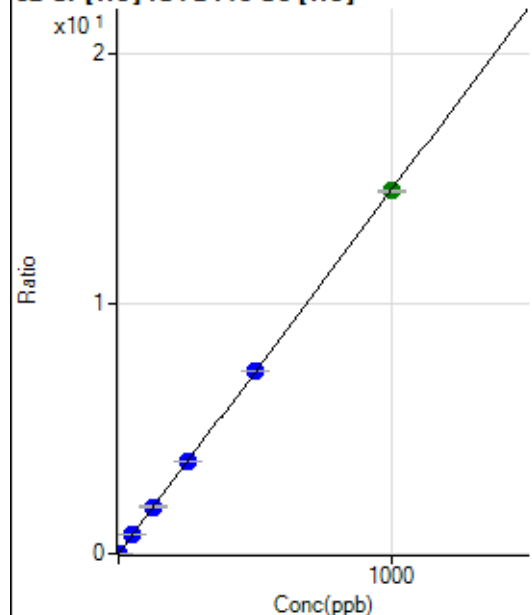
$$R = 1.0000$$

$$DL = 0.00316$$

$$BEC = 0.0009221$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1717.91	0.0041	P	5.4
2	☐	0.200					
3	☐	2.000	1.931	13103.75	0.0322	P	1.6
4	☐	50.000	51.167	294680.31	0.7476	P	0.4
5	☐	125.000	129.145	694918.53	1.8807	P	0.6
6	☐	250.000	254.716	1381959.91	3.7054	P	0.4
7	☐	500.000	500.995	2813597.87	7.2840	P	0.5
8	☐	1000.000	997.747	5773913.80	14.5023	A	0.6
9	☐			48341.38	0.1226	P	0.3

$$y = 0.0145 * x + 0.0041$$

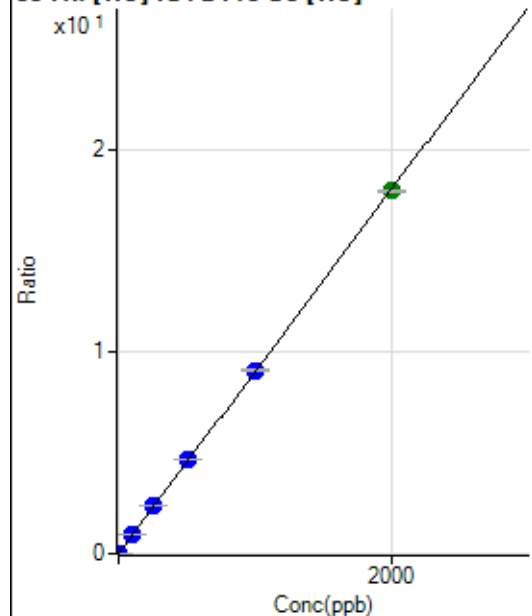
$$R = 1.0000$$

$$DL = 0.0463$$

$$BEC = 0.2851$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.00	0.0002	P	10.0
2	☐	0.100					
3	☐	1.000	1.004	3751.65	0.0092	P	1.4
4	☐	100.000	102.770	365162.13	0.9265	P	0.3
5	☐	250.000	260.475	867551.44	2.3479	P	0.5
6	☐	500.000	513.392	1725901.09	4.6275	P	0.2
7	☐	1000.000	1007.099	3506361.13	9.0774	P	0.6
8	☐	2000.000	1991.654	7147235.66	17.9515	A	0.5
9	☐			34141.98	0.0866	P	1.2

$$y = 0.0090 * x + 1.6888E-004$$

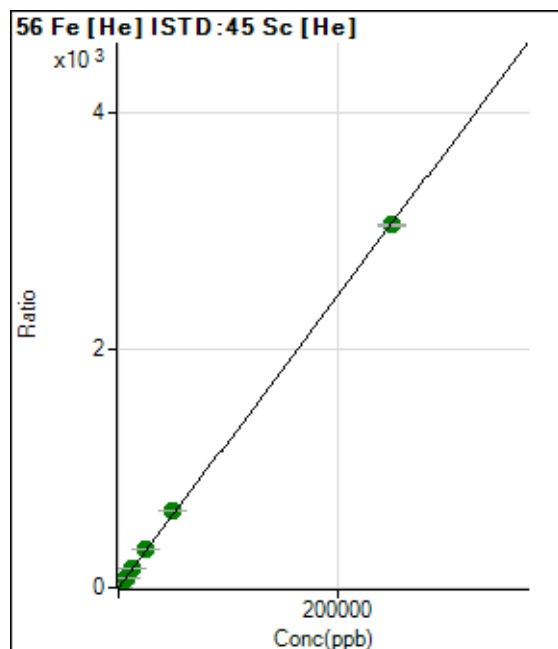
$$R = 1.0000$$

$$DL = 0.005648$$

$$BEC = 0.01874$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5860.59	0.0141	P	4.6
2	☐	5.000					
3	☐	50.000	53.667	273377.19	0.6718	P	0.3
4	☐	2500.000	2700.061	13046795.08	33.1016	A	0.8
5	☐	6250.000	6872.840	31124462.73	84.2363	A	0.9
6	☐	12500.000	13485.207	61638358.78	165.2664	A	0.2
7	☐	25000.000	26604.425	125938345.41	326.0338	A	0.4
8	☐	50000.000	52397.379	255651507.57	642.1094	A	0.6
9	☐	250000.00	249293.24	1204533893.5	3,054.938	A	0.6

$$y = 0.0123 * x + 0.0141$$

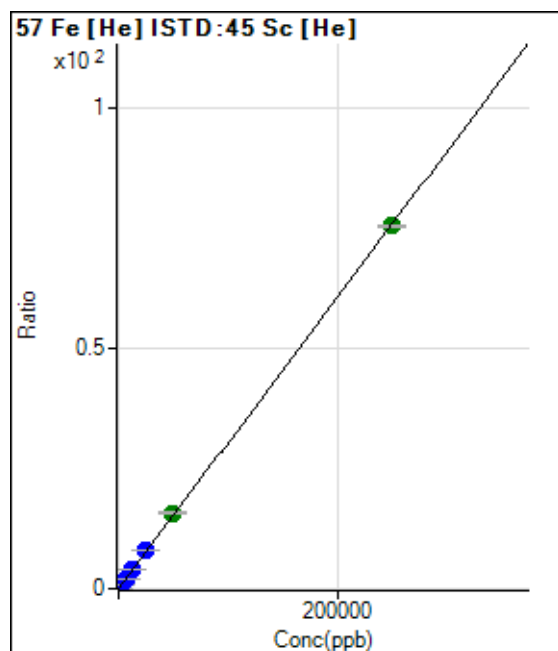
$$R = 0.9999$$

$$DL = 0.1579$$

$$BEC = 1.154$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0003	P	41.9
2	☐	5.000					
3	☐	50.000	55.571	6948.13	0.0171	P	4.2
4	☐	2500.000	2691.541	320691.42	0.8137	P	0.9
5	☐	6250.000	6828.859	762599.01	2.0639	P	0.8
6	☐	12500.000	13411.196	1511675.38	4.0531	P	0.4
7	☐	25000.000	26212.759	3059903.42	7.9217	P	0.3
8	☐	50000.000	52181.794	6278381.91	15.7694	A	0.6
9	☐	250000.00	249380.41	29715130.52	75.3619	A	0.2

$$y = 3.0220E-004 * x + 2.8165E-004$$

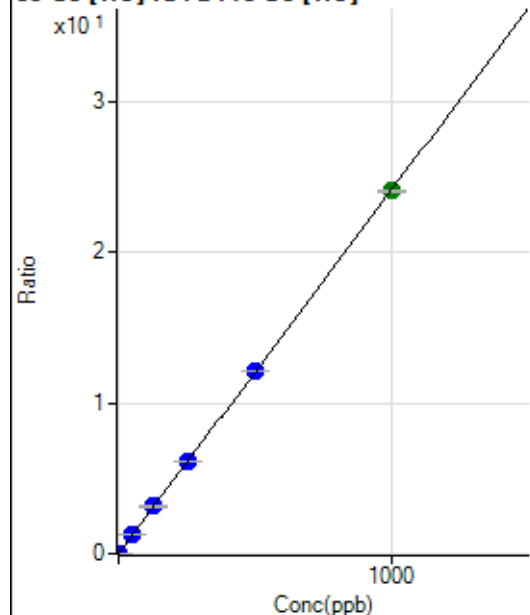
$$R = 1.0000$$

$$DL = 1.17$$

$$BEC = 0.932$$

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	46.66	0.0001	P	12.7
2	☐	0.100					
3	☐	1.000	0.970	9579.93	0.0235	P	0.6
4	☐	50.000	51.807	493398.92	1.2518	P	0.8
5	☐	125.000	129.989	1160508.33	3.1408	P	0.8
6	☐	250.000	255.681	2304068.16	6.1777	P	0.3
7	☐	500.000	500.299	4669261.25	12.0880	P	0.1
8	☐	1000.000	997.716	9597653.81	24.1063	A	0.7
9	☐			106101.22	0.2691	P	0.5

$$y = 0.0242 * x + 1.1256E-004$$

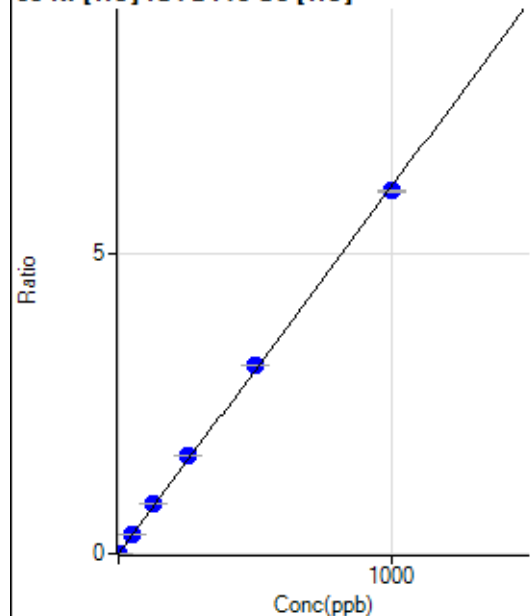
$$R = 1.0000$$

$$DL = 0.001773$$

$$BEC = 0.004659$$

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	108.89	0.0003	P	17.4
2	☐	0.100					
3	☐	1.000	1.031	2676.95	0.0066	P	3.8
4	☐	50.000	54.344	131336.43	0.3332	P	0.6
5	☐	125.000	136.034	308043.11	0.8337	P	0.4
6	☐	250.000	265.706	607229.26	1.6281	P	0.1
7	☐	500.000	512.355	1212584.38	3.1392	P	0.6
8	☐	1000.000	988.300	2410791.49	6.0551	P	0.8
9	☐			30028.77	0.0762	P	1.8

$$y = 0.0061 * x + 2.6251E-004$$

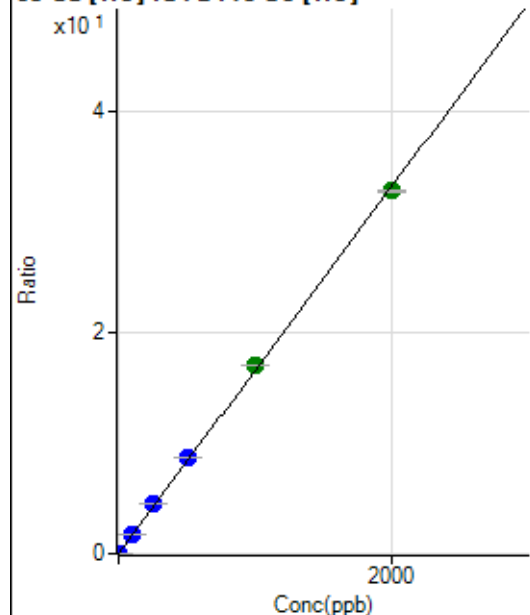
$$R = 0.9997$$

$$DL = 0.02236$$

$$BEC = 0.04285$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1444.54	0.0035	P	4.4
2	☐	0.200					
3	☐	2.000	2.043	15204.74	0.0374	P	1.5
4	☐	100.000	107.856	706446.13	1.7923	P	0.2
5	☐	250.000	269.982	1655795.34	4.4813	P	0.7
6	☐	500.000	524.893	3248208.01	8.7092	P	0.6
7	☐	1000.000	1025.781	6573067.26	17.0167	A	0.1
8	☐	2000.000	1977.996	13062628.83	32.8098	A	0.8
9	☐			15887.69	0.0403	P	0.3

$$y = 0.0166 * x + 0.0035$$

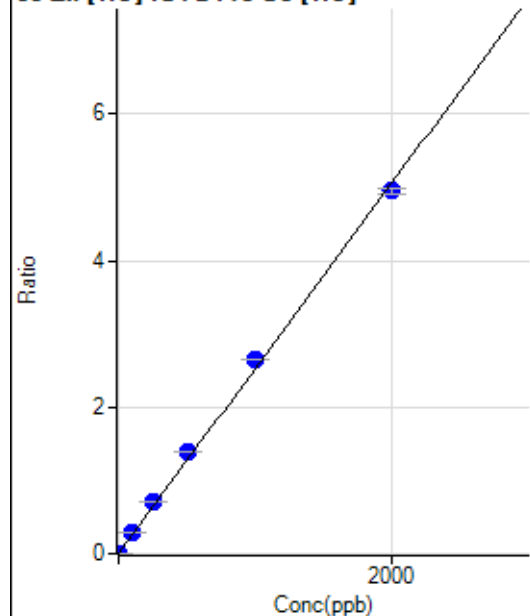
$$R = 0.9998$$

$$DL = 0.02765$$

$$BEC = 0.2101$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	287.79	0.0007	P	15.8
2	☐	0.200					
3	☐	2.000	2.274	2620.28	0.0064	P	2.4
4	☐	100.000	110.960	110756.91	0.2810	P	0.8
5	☐	250.000	281.982	263466.38	0.7131	P	0.9
6	☐	500.000	548.924	517450.18	1.3874	P	0.5
7	☐	1000.000	1046.632	1021603.50	2.6448	P	0.3
8	☐	2000.000	1959.907	1971516.90	4.9520	P	1.5
9	☐			15212.53	0.0386	P	0.7

$$y = 0.0025 * x + 6.9437E-004$$

$$R = 0.9992$$

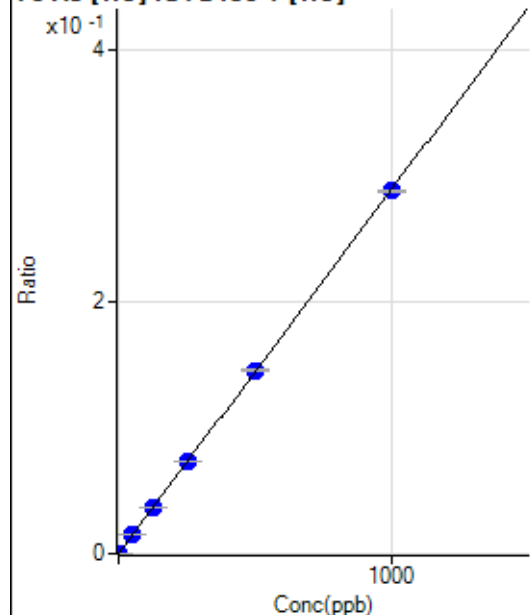
$$DL = 0.1307$$

$$BEC = 0.2749$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.41	0.0000	P	43.2
2	☐	0.100					
3	☐	1.000	0.941	587.67	0.0003	P	3.7
4	☐	50.000	51.863	31094.99	0.0150	P	1.0
5	☐	125.000	128.891	73355.85	0.0372	P	0.6
6	☐	250.000	254.652	145516.23	0.0736	P	0.4
7	☐	500.000	503.853	295756.85	0.1456	P	0.5
8	☐	1000.000	996.331	593573.23	0.2878	P	0.4
9	☐			753.11	0.0004	P	4.8

$$y = 2.8889E-004 * x + 3.4572E-006$$

$$R = 1.0000$$

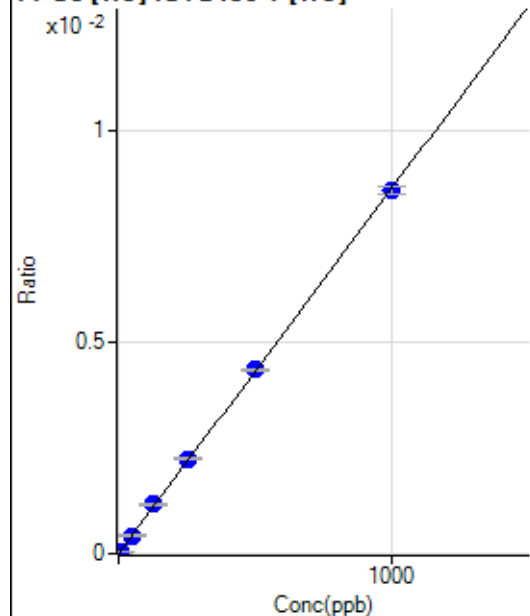
$$DL = 0.01551$$

$$BEC = 0.01197$$

Weight: <None>

Min Conc: 0

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



	R _{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	4.941	92.22	0.0000	P	32.7
4	☐	50.000	49.768	893.38	0.0004	P	4.9
5	☐	125.000	135.579	2308.00	0.0012	P	3.1
6	☐	250.000	260.002	4444.09	0.0022	P	2.0
7	☐	500.000	504.211	8851.72	0.0044	P	0.9
8	☐	1000.000	994.084	17709.90	0.0086	P	2.0
9	☐			7.78	0.0000	P	89.1

$$y = 8.6392E-006 * x + 5.1629E-007$$

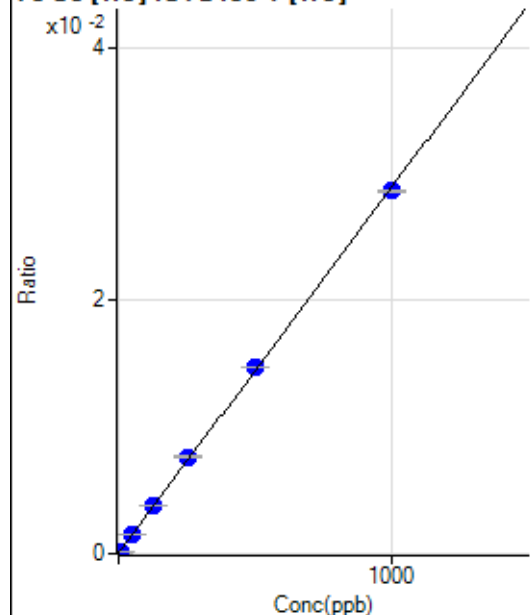
$$R = 0.9999$$

$$DL = 0.3105$$

$$BEC = 0.05976$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	89.51	0.0000	P	8.8
2	☐	0.500					
3	☐	5.000	4.759	382.73	0.0002	P	8.4
4	☐	50.000	52.793	3251.01	0.0016	P	0.1
5	☐	125.000	130.752	7522.37	0.0038	P	2.7
6	☐	250.000	263.155	15118.44	0.0076	P	2.0
7	☐	500.000	509.433	29983.43	0.0148	P	0.8
8	☐	1000.000	991.137	59125.28	0.0287	P	0.5
9	☐			93.83	0.0000	P	16.2

$$y = 2.8885\text{E-}005 * x + 4.1812\text{E-}005$$

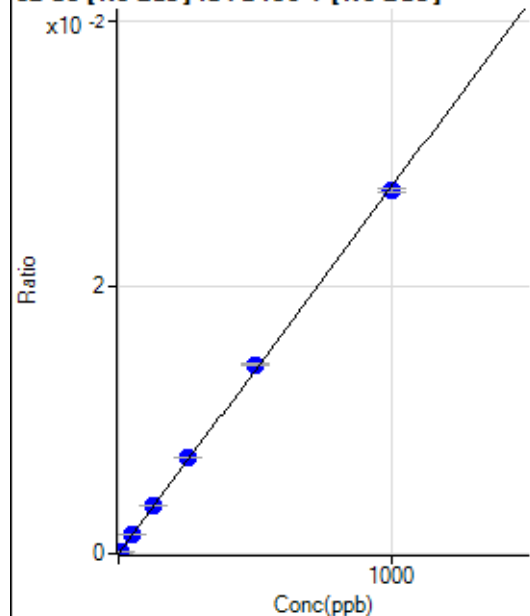
$$R = 0.9998$$

$$DL = 0.3823$$

$$BEC = 1.448$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.57	0.0000	P	24.7
2	☐	0.500					
3	☐	5.000	5.362	2268.15	0.0002	P	4.6
4	☐	50.000	53.452	21466.02	0.0015	P	0.7
5	☐	125.000	132.271	50918.28	0.0036	P	1.1
6	☐	250.000	262.686	101052.04	0.0072	P	0.6
7	☐	500.000	514.013	200133.96	0.0142	P	0.8
8	☐	1000.000	988.739	391887.63	0.0272	P	0.9
9	☐			265.52	0.0000	P	24.0

$$y = 2.7543\text{E-}005 * x + 5.2156\text{E-}006$$

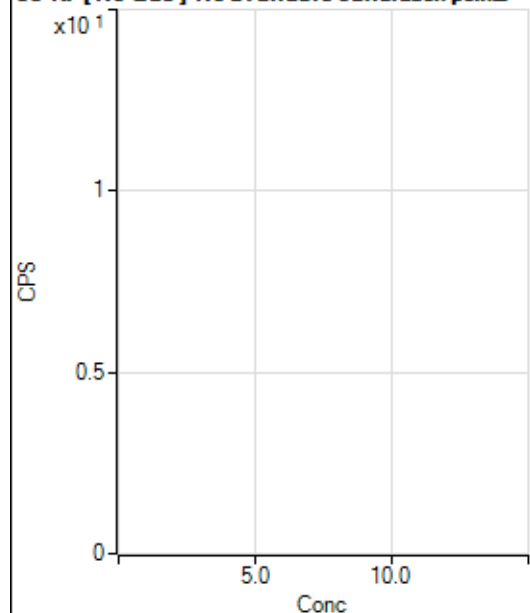
$$R = 0.9998$$

$$DL = 0.1404$$

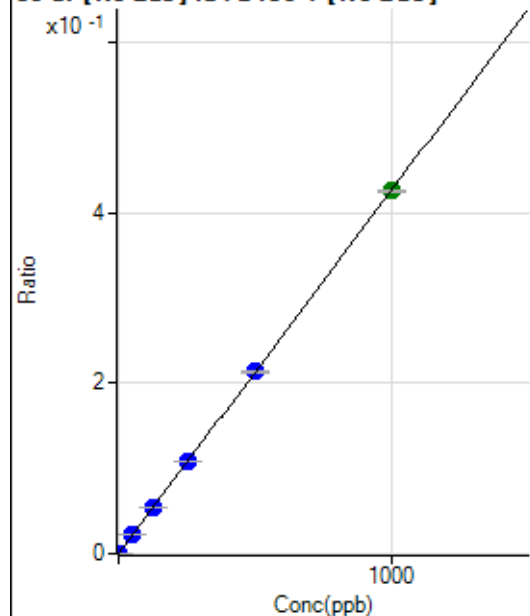
$$BEC = 0.1894$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			694.47		P	0.7
2	☐						
3	☐			658.92		P	0.3
4	☐			701.14		P	3.1
5	☐			578.91		P	7.2
6	☐			587.80		P	15.5
7	☐			584.47		P	12.8
8	☐			610.03		P	3.4
9	☐			682.25		P	9.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1161.21	0.0001	P	1.7
2	☐	0.100					
3	☐	1.000	0.935	7082.63	0.0005	P	1.5
4	☐	50.000	50.496	314246.67	0.0216	P	0.7
5	☐	125.000	125.818	750477.31	0.0538	P	1.5
6	☐	250.000	252.330	1504088.79	0.1078	P	0.1
7	☐	500.000	501.894	3027956.40	0.2143	P	1.2
8	☐	1000.000	998.344	6131218.06	0.4261	A	0.7
9	☐			25860.16	0.0019	P	1.1

$$y = 4.2677\text{E-}004 * x + 7.8107\text{E-}005$$

$$R = 1.0000$$

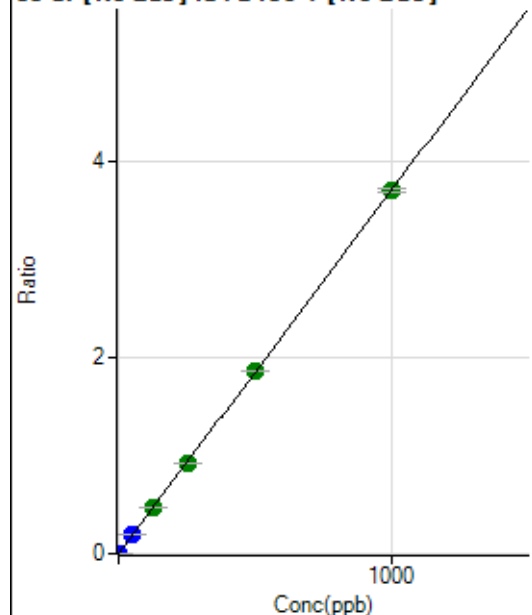
$$DL = 0.009069$$

$$BEC = 0.183$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0000	P	37.7
2	☐	0.100					
3	☐	1.000	0.936	51493.16	0.0035	P	1.4
4	☐	50.000	51.004	2741170.78	0.1887	P	0.2
5	☐	125.000	125.466	6477271.24	0.4641	A	0.6
6	☐	250.000	249.902	12901150.64	0.9244	A	0.5
7	☐	500.000	503.013	26292229.93	1.8606	A	0.3
8	☐	1000.000	998.410	53133626.88	3.6930	A	0.9
9	☐			214515.18	0.0158	P	0.6

$$y = 0.0037 * x + 9.6998E-006$$

$$R = 1.0000$$

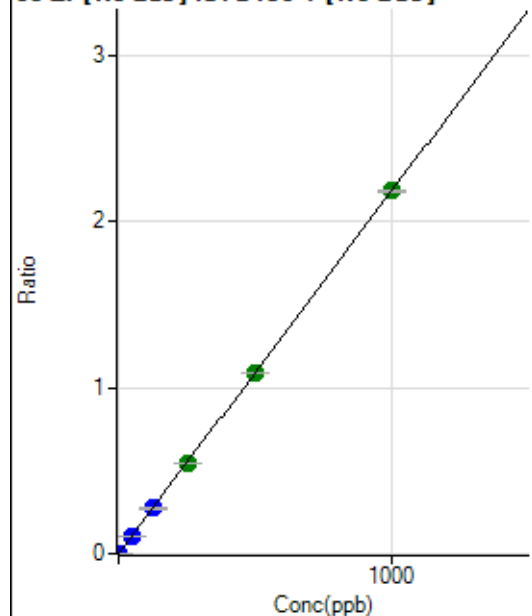
$$DL = 0.00297$$

$$BEC = 0.002622$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1016.75	0.0001	P	2.8
2	☐	0.100					
3	☐	1.000	0.941	31485.70	0.0021	P	1.0
4	☐	50.000	50.061	1587446.00	0.1093	P	0.2
5	☐	125.000	124.877	3802387.15	0.2724	P	1.0
6	☐	250.000	249.186	7586662.41	0.5436	A	0.7
7	☐	500.000	499.093	15384130.38	1.0887	A	0.6
8	☐	1000.000	1000.669	31403908.00	2.1827	A	0.5
9	☐			8177.66	0.0006	P	0.8

$$y = 0.0022 * x + 6.8401E-005$$

$$R = 1.0000$$

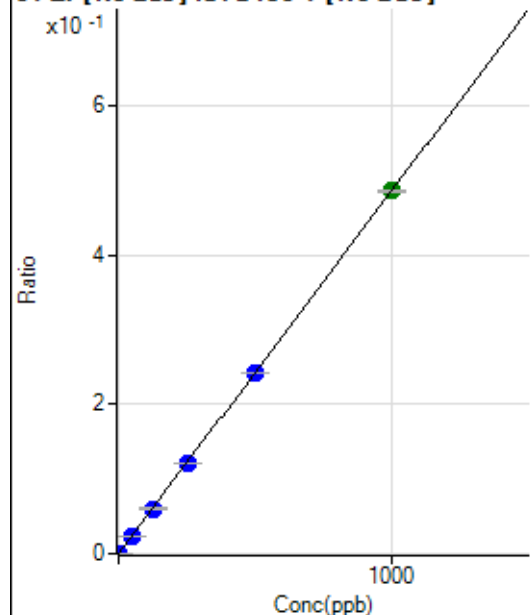
$$DL = 0.002616$$

$$BEC = 0.03136$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172.23	0.0000	P	23.5
2	☐	0.100					
3	☐	1.000	0.945	6990.90	0.0005	P	1.9
4	☐	50.000	49.984	353533.49	0.0243	P	1.1
5	☐	125.000	124.038	842454.00	0.0604	P	1.8
6	☐	250.000	249.769	1696395.03	0.1215	P	0.3
7	☐	500.000	499.527	3434897.82	0.2431	P	0.6
8	☐	1000.000	1000.415	7003707.27	0.4868	A	0.8
9	☐			1769.63	0.0001	P	1.2

$$y = 4.8658E-004 * x + 1.1597E-005$$

$$R = 1.0000$$

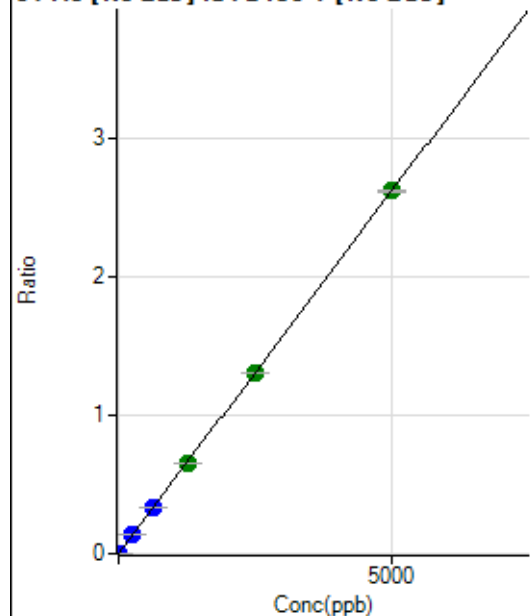
$$DL = 0.01679$$

$$BEC = 0.02383$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	358.35	0.0000	P	10.7
2	☐	0.500					
3	☐	5.000	4.733	37152.12	0.0025	P	1.5
4	☐	250.000	252.954	1926004.47	0.1326	P	0.2
5	☐	625.000	629.423	4603054.53	0.3298	P	1.0
6	☐	1250.000	1242.044	9083137.09	0.6508	A	0.3
7	☐	2500.000	2492.374	18453872.98	1.3059	A	0.7
8	☐	5000.000	5005.101	37730998.41	2.6225	A	0.7
9	☐			18448.71	0.0014	P	7.6

$$y = 5.2396E-004 * x + 2.4089E-005$$

$$R = 1.0000$$

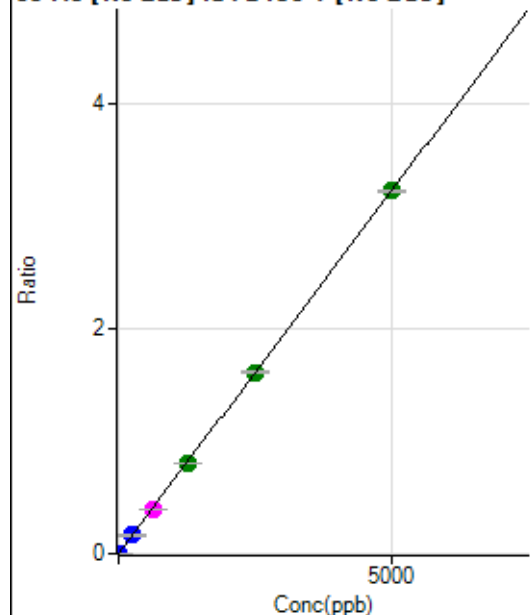
$$DL = 0.01471$$

$$BEC = 0.04597$$

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	44.45	0.0000	P	77.0
2	☐	0.500					
3	☐	5.000	4.860	46465.41	0.0031	P	4.0
4	☐	250.000	252.249	2359887.88	0.1624	P	0.4
5	☐	625.000	620.762	5578677.73	0.3997	M	0.4
6	☐	1250.000	1247.180	11207977.33	0.8030	A	0.4
7	☐	2500.000	2499.970	22747025.68	1.6097	A	0.5
8	☐	5000.000	5001.138	46331027.77	3.2202	A	0.4
9	☐			27544.19	0.0020	P	3.1

$$y = 6.4389\text{E-}004 * x + 2.9738\text{E-}006$$

$$R = 1.0000$$

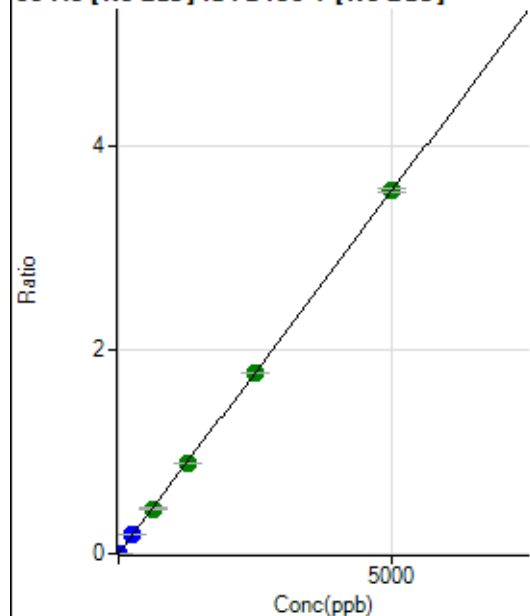
$$DL = 0.01068$$

$$BEC = 0.004618$$

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	130.56	0.0000	P	23.2
2	☐	0.500					
3	☐	5.000	4.859	51371.27	0.0035	P	1.7
4	☐	250.000	253.789	2620798.28	0.1804	P	0.1
5	☐	625.000	621.503	6164991.50	0.4417	A	1.1
6	☐	1250.000	1246.926	12369129.96	0.8862	A	0.5
7	☐	2500.000	2491.700	25024716.19	1.7709	A	0.6
8	☐	5000.000	5005.166	51179683.78	3.5573	A	1.1
9	☐			42146.87	0.0031	P	4.0

$$y = 7.1072\text{E-}004 * x + 8.7947\text{E-}006$$

$$R = 1.0000$$

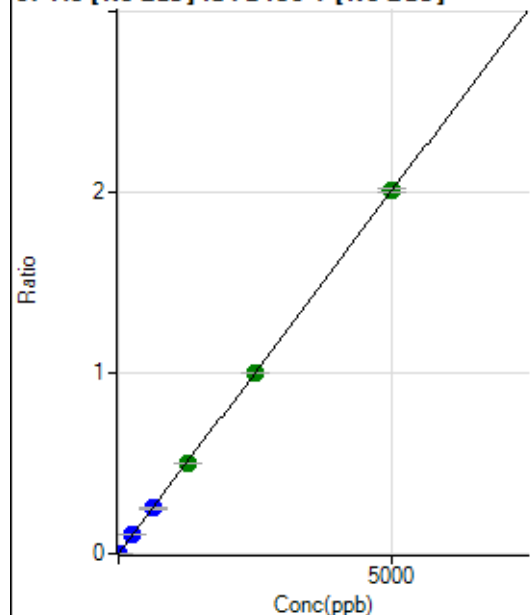
$$DL = 0.008613$$

$$BEC = 0.01237$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	33.0
2	☐	0.500					
3	☐	5.000	4.856	28985.84	0.0020	P	4.2
4	☐	250.000	252.586	1473759.18	0.1014	P	0.2
5	☐	625.000	625.907	3507833.32	0.2513	P	1.4
6	☐	1250.000	1244.589	6975469.51	0.4998	A	0.4
7	☐	2500.000	2495.822	14162617.85	1.0022	A	0.6
8	☐	5000.000	5003.199	28906327.73	2.0091	A	1.0
9	☐			16610.22	0.0012	P	9.7

$$y = 4.0156E-004 * x + 4.2979E-006$$

$$R = 1.0000$$

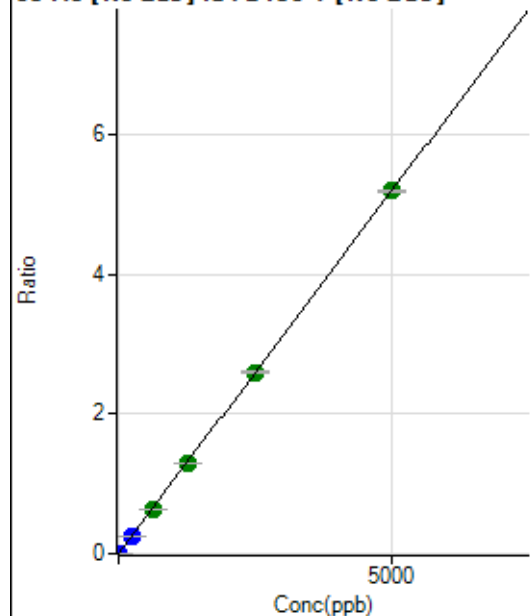
$$DL = 0.0106$$

$$BEC = 0.0107$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	13.1
2	☐	0.500					
3	☐	5.000	4.904	75575.56	0.0051	P	2.9
4	☐	250.000	251.063	3784106.34	0.2604	P	0.5
5	☐	625.000	619.037	8962459.75	0.6422	A	1.1
6	☐	1250.000	1248.232	18072437.04	1.2949	A	0.4
7	☐	2500.000	2496.282	36592012.63	2.5895	A	1.1
8	☐	5000.000	5002.993	74670571.11	5.1899	A	0.9
9	☐			41628.37	0.0031	P	5.2

$$y = 0.0010 * x + 6.9182E-006$$

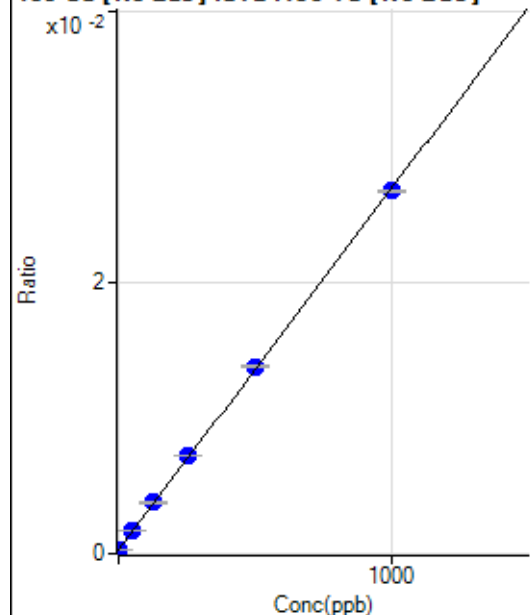
$$R = 1.0000$$

$$DL = 0.002622$$

$$BEC = 0.006669$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6098.81	0.0003	P	1.6
2	☐	0.100					
3	☐	1.000	0.645	6474.00	0.0003	P	4.4
4	☐	50.000	54.771	37907.19	0.0017	P	1.1
5	☐	125.000	130.914	80894.95	0.0038	P	1.0
6	☐	250.000	260.980	154772.66	0.0072	P	1.2
7	☐	500.000	506.094	297586.75	0.0138	P	1.0
8	☐	1000.000	993.231	581018.09	0.0267	P	0.7
9	☐			5281.79	0.0003	P	1.3

$$y = 2.6646\text{E-}005 * x + 2.7949\text{E-}004$$

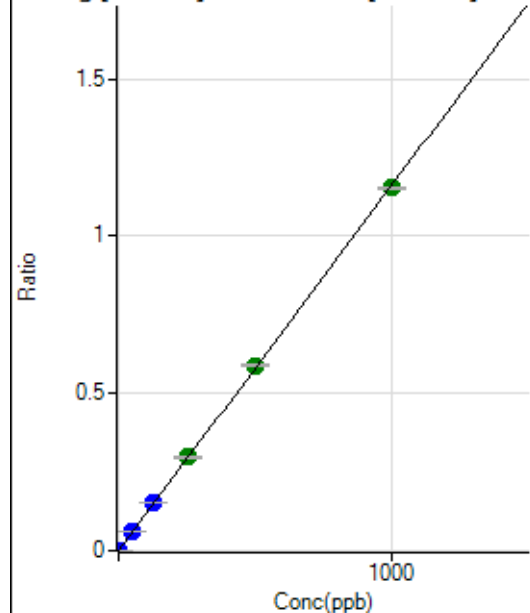
$$R = 0.9999$$

$$DL = 0.4945$$

$$BEC = 10.49$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	216.68	0.0000	P	12.2
2	☐	0.100					
3	☐	1.000	1.035	26450.50	0.0012	P	0.9
4	☐	50.000	55.014	1392541.25	0.0639	P	0.9
5	☐	125.000	131.871	3287270.62	0.1531	P	1.5
6	☐	250.000	257.186	6389213.08	0.2986	A	1.4
7	☐	500.000	506.611	12716590.48	0.5882	A	0.9
8	☐	1000.000	993.788	25066410.80	1.1538	A	0.8
9	☐			1641.84	0.0001	P	14.3

$$y = 0.0012 * x + 9.9356\text{E-}006$$

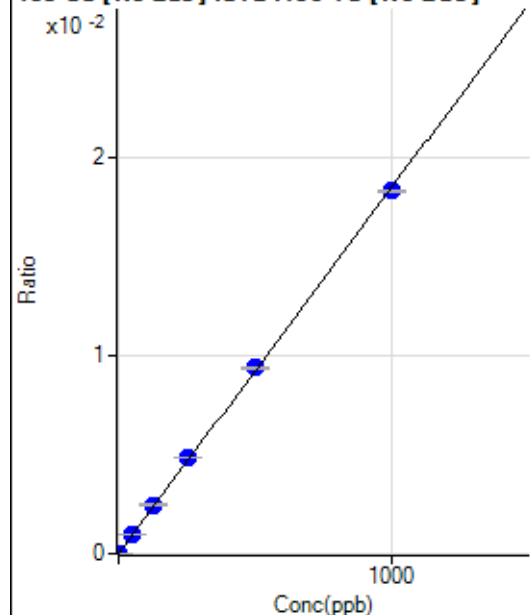
$$R = 0.9999$$

$$DL = 0.003134$$

$$BEC = 0.008557$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.72	0.0000	P	66.0
2	☐	0.100					
3	☐	1.000	1.121	462.52	0.0000	P	16.6
4	☐	50.000	54.461	21986.81	0.0010	P	1.3
5	☐	125.000	133.132	52918.05	0.0025	P	2.7
6	☐	250.000	262.034	103802.30	0.0049	P	0.1
7	☐	500.000	508.582	203564.46	0.0094	P	0.8
8	☐	1000.000	991.461	398737.89	0.0184	P	0.2
9	☐			112.50	0.0000	P	16.3

$$y = 1.8512E-005 * x + 4.4644E-007$$

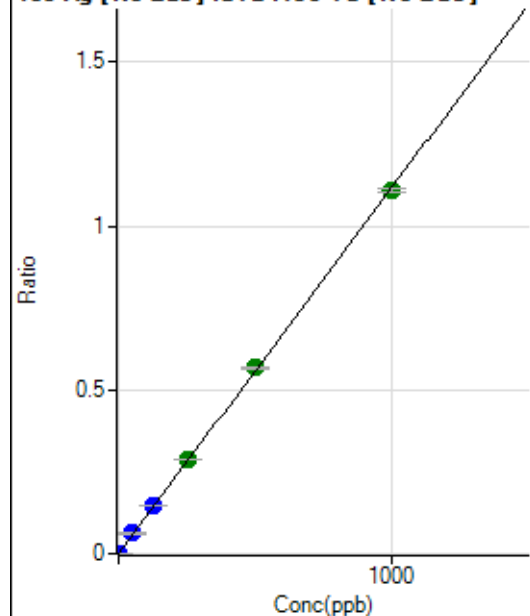
$$R = 0.9999$$

$$DL = 0.04777$$

$$BEC = 0.02412$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0000	P	30.4
2	☐	0.100					
3	☐	1.000	1.047	25629.59	0.0012	P	3.3
4	☐	50.000	55.222	1343271.37	0.0616	P	0.4
5	☐	125.000	132.987	3185831.62	0.1484	P	1.2
6	☐	250.000	258.883	6180947.66	0.2889	A	0.3
7	☐	500.000	508.702	12271586.91	0.5676	A	0.5
8	☐	1000.000	992.169	24050561.82	1.1071	A	1.0
9	☐			1625.17	0.0001	P	8.0

$$y = 0.0011 * x + 6.3692E-006$$

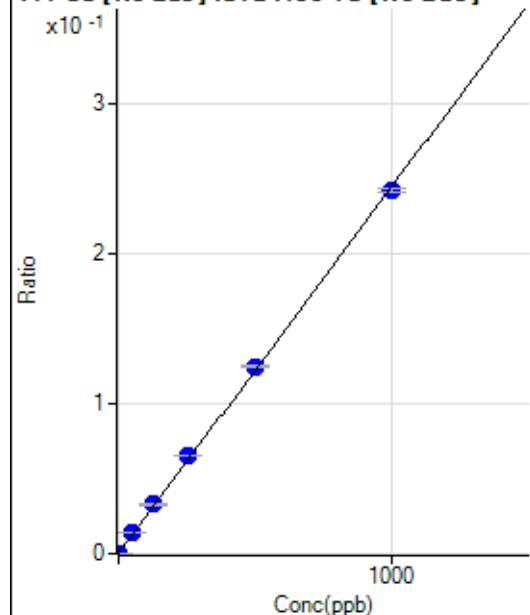
$$R = 0.9999$$

$$DL = 0.005205$$

$$BEC = 0.005708$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4285.97	0.0002	P	1.7
2	☐	0.100					
3	☐	1.000	0.987	9539.72	0.0004	P	3.9
4	☐	50.000	54.620	294669.67	0.0135	P	0.4
5	☐	125.000	133.657	704076.93	0.0328	P	0.9
6	☐	250.000	265.098	1387678.34	0.0649	P	0.4
7	☐	500.000	510.598	2696522.57	0.1247	P	1.1
8	☐	1000.000	989.613	5247725.46	0.2416	P	1.0
9	☐			4360.20	0.0002	P	2.5

$$y = 2.4390E-004 * x + 1.9641E-004$$

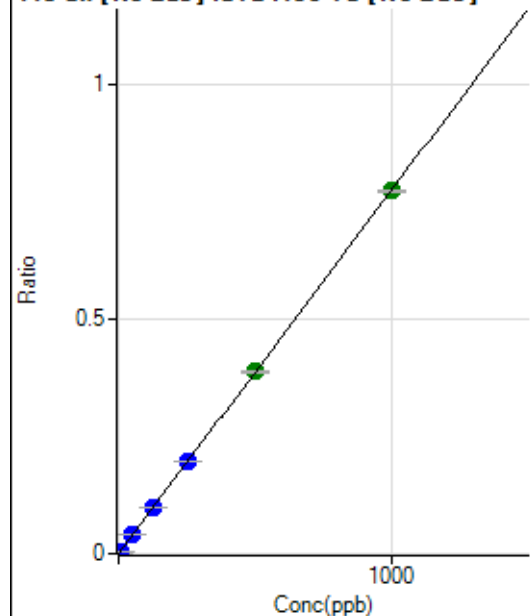
$$R = 0.9998$$

$$DL = 0.04118$$

$$BEC = 0.8053$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	905.63	0.0000	P	11.2
2	☐	0.500					
3	☐	5.000	4.962	84881.18	0.0039	P	2.0
4	☐	50.000	51.379	869665.79	0.0399	P	0.5
5	☐	125.000	126.132	2101472.03	0.0979	P	0.5
6	☐	250.000	253.283	4204801.70	0.1965	P	0.4
7	☐	500.000	501.137	8405283.87	0.3888	A	0.6
8	☐	1000.000	998.401	16825617.39	0.7745	A	0.8
9	☐			14268.90	0.0007	P	0.9

$$y = 7.7570E-004 * x + 4.1519E-005$$

$$R = 1.0000$$

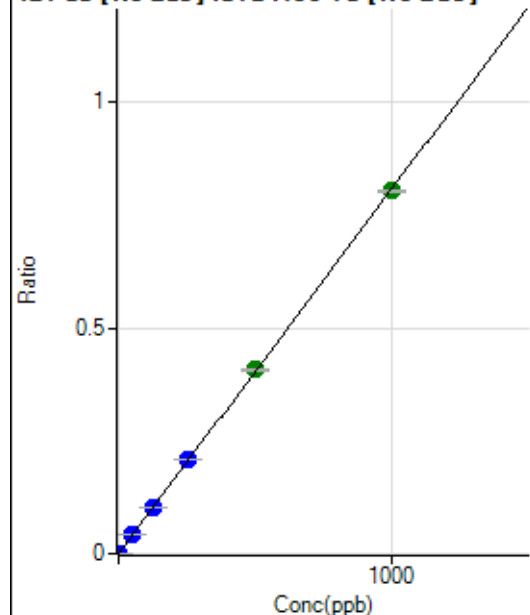
$$DL = 0.01793$$

$$BEC = 0.05352$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	57.5
2	☐	0.200					
3	☐	2.000	1.928	33992.09	0.0016	P	1.6
4	☐	50.000	51.879	912936.87	0.0419	P	0.8
5	☐	125.000	127.683	2212936.94	0.1031	P	1.1
6	☐	250.000	256.070	4423270.71	0.2067	P	0.1
7	☐	500.000	504.518	8805097.33	0.4073	A	1.1
8	☐	1000.000	995.794	17463854.90	0.8039	A	0.8
9	☐			18526.75	0.0009	P	3.1

$$y = 8.0727\text{E-}004 * x + 1.1432\text{E-}006$$

$$R = 1.0000$$

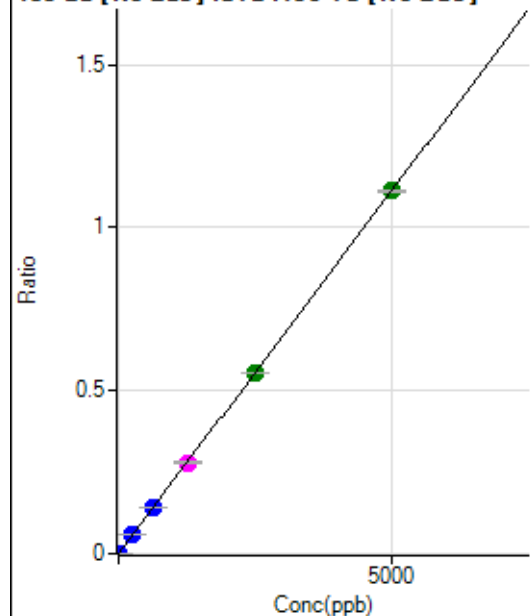
$$DL = 0.002443$$

$$BEC = 0.001416$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	44.6
2	☐	1.000					
3	☐	10.000	9.730	47273.28	0.0022	P	1.8
4	☐	250.000	255.564	1239109.75	0.0568	P	0.5
5	☐	625.000	629.116	3004213.67	0.1399	P	0.4
6	☐	1250.000	1257.523	5984926.96	0.2797	M	1.1
7	☐	2500.000	2490.595	11976477.52	0.5540	A	0.8
8	☐	5000.000	5002.030	24169671.03	1.1126	A	0.4
9	☐			2986.57	0.0001	P	6.7

$$y = 2.2242\text{E-}004 * x + 1.7816\text{E-}006$$

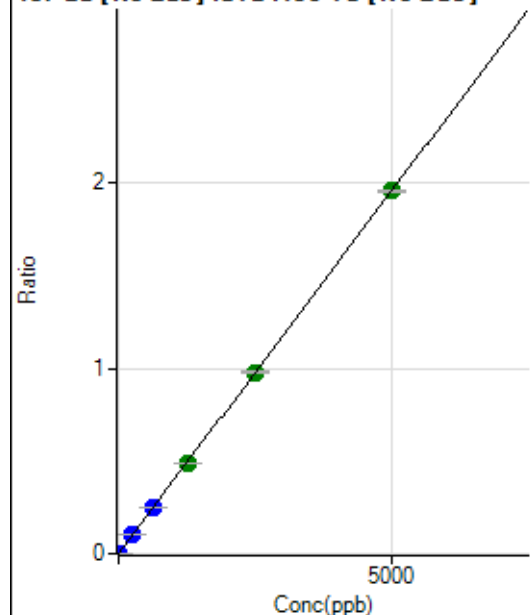
$$R = 1.0000$$

$$DL = 0.01071$$

$$BEC = 0.00801$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.12	0.0000	P	33.8
2	☐	1.000					
3	☐	10.000	9.825	83953.88	0.0038	P	1.3
4	☐	250.000	256.451	2187652.65	0.1004	P	0.6
5	☐	625.000	628.504	5280420.86	0.2460	P	0.9
6	☐	1250.000	1245.272	10427089.64	0.4873	A	0.5
7	☐	2500.000	2496.462	21120597.17	0.9769	A	0.9
8	☐	5000.000	5002.191	42525700.95	1.9575	A	0.8
9	☐			5070.60	0.0003	P	1.4

$$y = 3.9133\text{E-}004 * x + 2.7982\text{E-}006$$

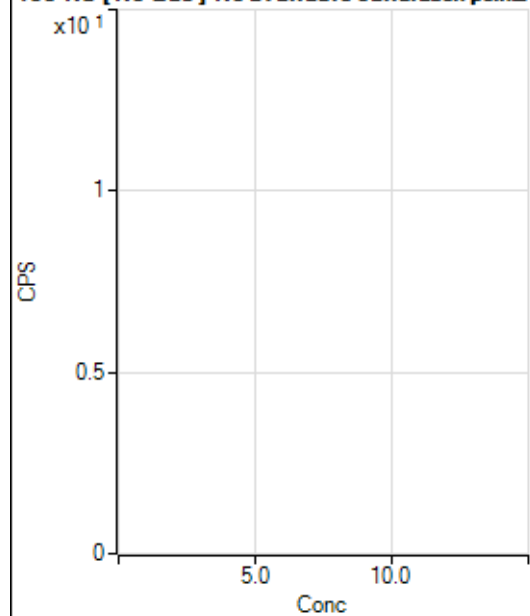
$$R = 1.0000$$

$$DL = 0.007251$$

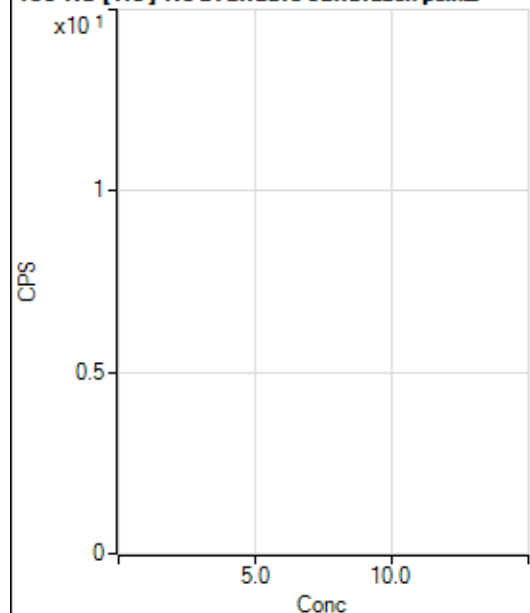
$$BEC = 0.007151$$

Weight: <None>

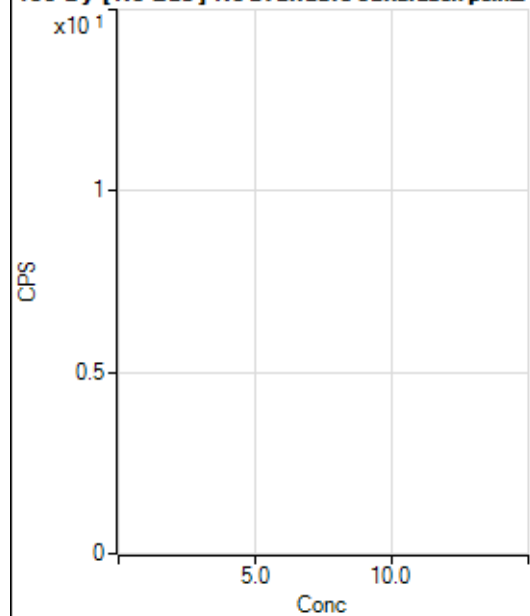
Min Conc: 0

150 Nd [No Gas] No available calibration points

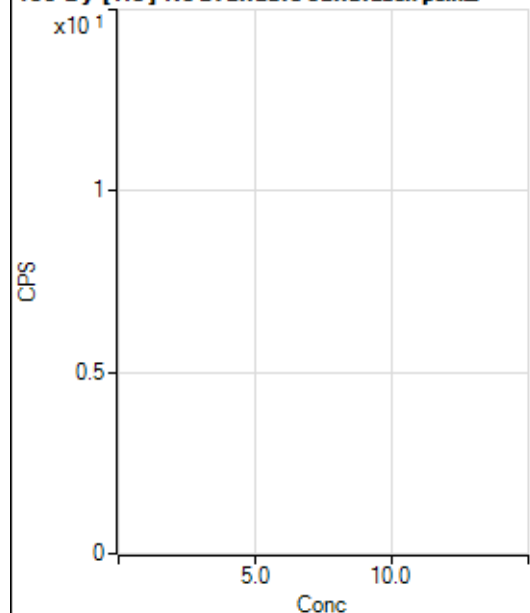
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			0.00		P	
2	☐						
3	☐			6.67		P	100.
4	☐			93.34		P	21.4
5	☐			246.68		P	14.0
6	☐			497.81		P	1.5
7	☐			931.18		P	7.9
8	☐			1857.98		P	1.7
9	☐			415.58		P	6.5

150 Nd [He] No available calibration points

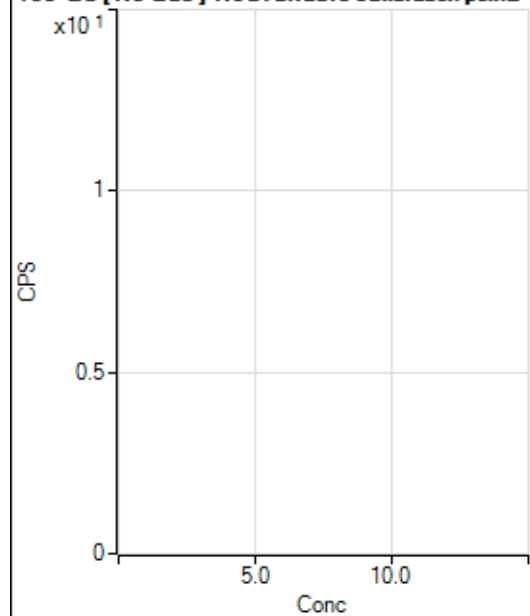
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			1.11		P	173.
4	☐			7.78		P	89.2
5	☐			23.33		P	37.8
6	☐			65.56		P	19.2
7	☐			113.34		P	10.6
8	☐			222.23		P	20.0
9	☐			157.78		P	6.8

156 Dy [No Gas] No available calibration points

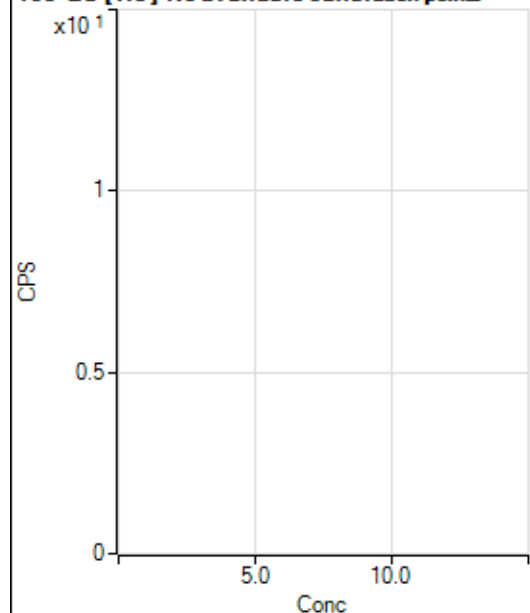
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			22.22		P	57.3
4	☐			47.23		P	20.4
5	☐			80.56		P	15.8
6	☐			136.12		P	30.8
7	☐			258.35		P	27.6
8	☐			452.80		P	15.3
9	☐			205.57		P	16.4

156 Dy [He] No available calibration points

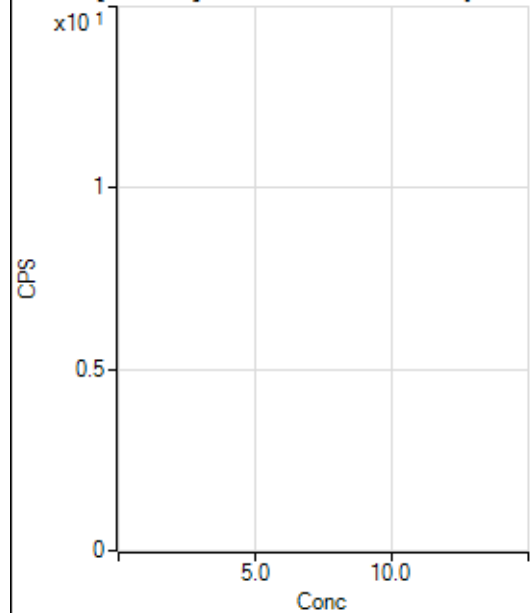
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			3.33		P	173.
4	☐			22.22		P	34.7
5	☐			44.45		P	8.7
6	☐			68.89		P	32.2
7	☐			158.89		P	8.5
8	☐			318.90		P	13.8
9	☐			88.89		P	31.9

160 Gd [No Gas] Noavailable calibration poin_

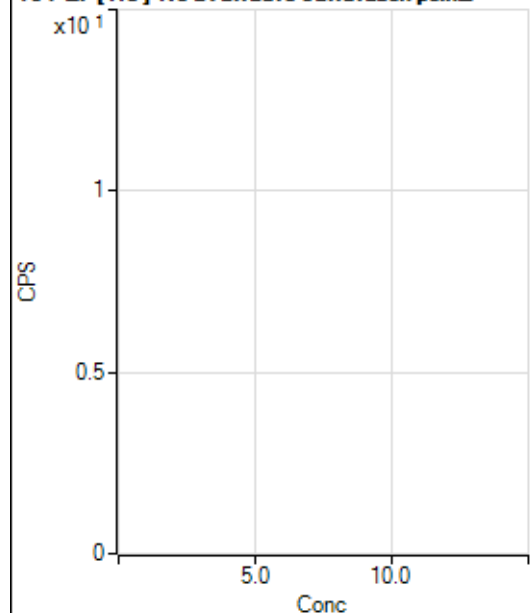
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105.56		P	16.4
2	☐						
3	☐			141.67		P	25.6
4	☐			169.46		P	27.1
5	☐			155.56		P	30.5
6	☐			175.01		P	9.5
7	☐			241.68		P	33.3
8	☐			291.68		P	24.9
9	☐			211.12		P	8.2

160 Gd [He] No available calibration points

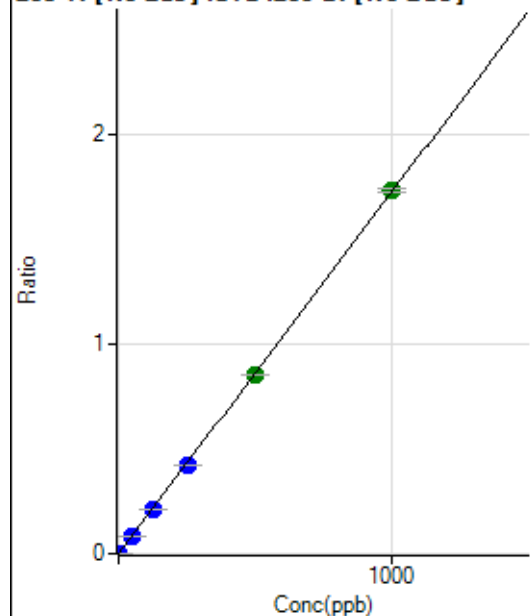
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			225.56		P	20.5
2	☐						
3	☐			227.78		P	7.2
4	☐			235.56		P	5.7
5	☐			202.23		P	16.6
6	☐			241.12		P	13.4
7	☐			280.01		P	16.5
8	☐			275.56		P	0.7
9	☐			283.34		P	12.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	37.1
2	☐						
3	☐			33.33		P	50.0
4	☐			108.34		P	42.8
5	☐			80.56		P	43.1
6	☐			122.23		P	7.9
7	☐			122.23		P	27.6
8	☐			136.12		P	9.4
9	☐			125.01		P	6.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			38.89		P	13.1
2	☐						
3	☐			23.33		P	42.9
4	☐			40.00		P	22.0
5	☐			42.22		P	43.5
6	☐			47.78		P	10.7
7	☐			52.22		P	28.8
8	☐			76.67		P	8.7
9	☐			54.44		P	14.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	425.03	0.0000	P	22.0
2	☐	0.100					
3	☐	1.000	0.869	22906.60	0.0015	P	2.3
4	☐	50.000	48.473	1238108.17	0.0837	P	1.1
5	☐	125.000	122.137	3065203.98	0.2109	P	0.7
6	☐	250.000	246.245	6127104.39	0.4251	P	0.8
7	☐	500.000	494.833	11930876.13	0.8542	A	0.7
8	☐	1000.000	1003.957	23568302.44	1.7331	A	1.1
9	☐			4603.77	0.0004	P	9.6

$$y = 0.0017 * x + 2.8456E-005$$

$$R = 1.0000$$

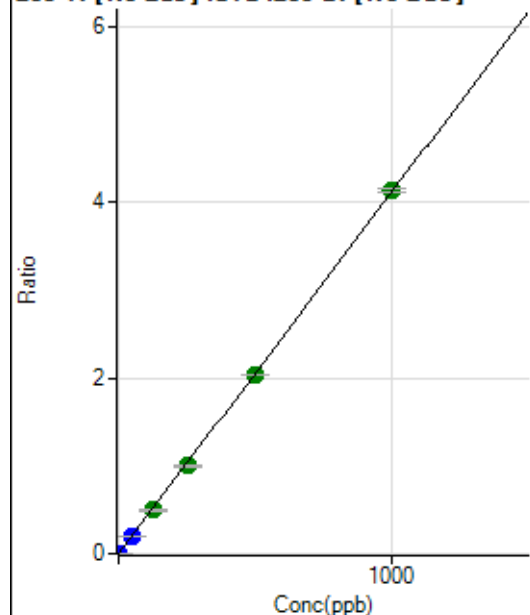
$$DL = 0.0109$$

$$BEC = 0.01648$$

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	844.51	0.0001	P	4.3
2	☐	0.100					
3	☐	1.000	0.890	55756.62	0.0037	P	1.8
4	☐	50.000	48.811	2972086.76	0.2009	P	0.4
5	☐	125.000	120.370	7201430.54	0.4954	A	1.0
6	☐	250.000	242.708	14396763.69	0.9988	A	0.7
7	☐	500.000	495.667	28490553.07	2.0398	A	0.7
8	☐	1000.000	1004.628	56222831.81	4.1343	A	1.2
9	☐			10707.53	0.0010	P	7.3

$$y = 0.0041 * x + 5.6547E-005$$

$$R = 1.0000$$

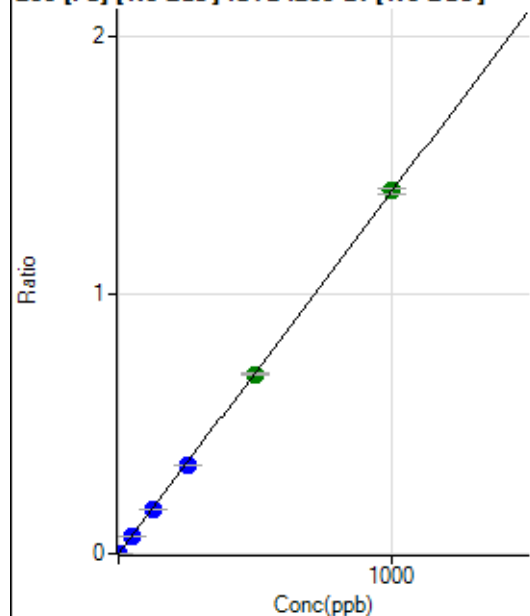
$$DL = 0.001772$$

$$BEC = 0.01374$$

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	1340.85	0.0001	P	3.6
2	☐	0.100					
3	☐	1.000	0.905	20299.26	0.0014	P	3.0
4	☐	50.000	48.942	1013000.62	0.0685	P	0.9
5	☐	125.000	122.144	2482516.29	0.1708	P	1.0
6	☐	250.000	245.583	4947708.16	0.3433	P	1.0
7	☐	500.000	496.530	9692658.78	0.6940	A	0.6
8	☐	1000.000	1003.249	19066685.84	1.4021	A	1.4
9	☐			17569.39	0.0016	P	1.5

$$y = 0.0014 * x + 8.9766E-005$$

$$R = 1.0000$$

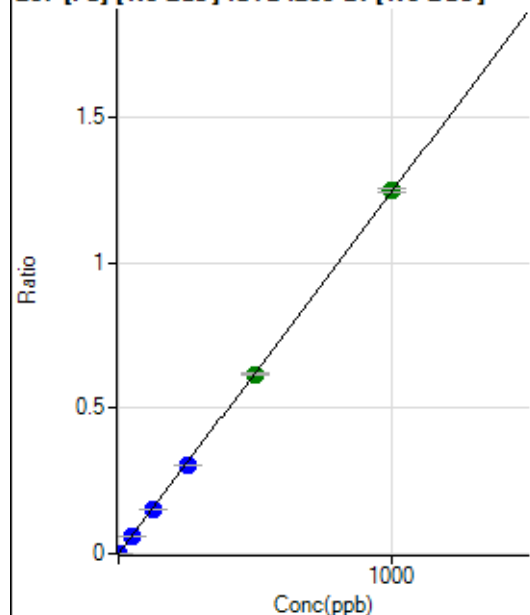
$$DL = 0.006983$$

$$BEC = 0.06424$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1172.32	0.0001	P	6.7
2	☐	0.100					
3	☐	1.000	0.851	17057.70	0.0011	P	0.6
4	☐	50.000	48.531	894598.78	0.0605	P	0.1
5	☐	125.000	121.961	2207602.03	0.1519	P	0.6
6	☐	250.000	245.001	4396085.02	0.3050	P	0.7
7	☐	500.000	496.368	8629486.30	0.6178	A	0.5
8	☐	1000.000	1003.519	16985862.07	1.2490	A	1.0
9	☐			14680.77	0.0013	P	1.7

$$y = 0.0012 * x + 7.8473E-005$$

$$R = 1.0000$$

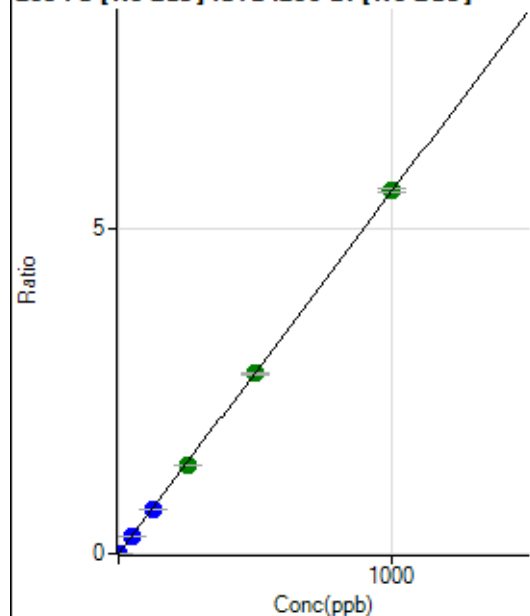
$$DL = 0.01274$$

$$BEC = 0.06305$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5269.09	0.0004	P	1.3
2	☐	0.100					
3	☐	1.000	0.887	79227.64	0.0053	P	1.8
4	☐	50.000	48.783	4019942.63	0.2718	P	0.4
5	☐	125.000	122.916	9946229.09	0.6842	P	0.5
6	☐	250.000	244.328	19598520.37	1.3597	A	0.6
7	☐	500.000	497.276	38648143.92	2.7670	A	0.5
8	☐	1000.000	1003.102	75901081.44	5.5813	A	1.2
9	☐			67518.33	0.0061	P	1.3

$$y = 0.0056 * x + 3.5277E-004$$

$$R = 1.0000$$

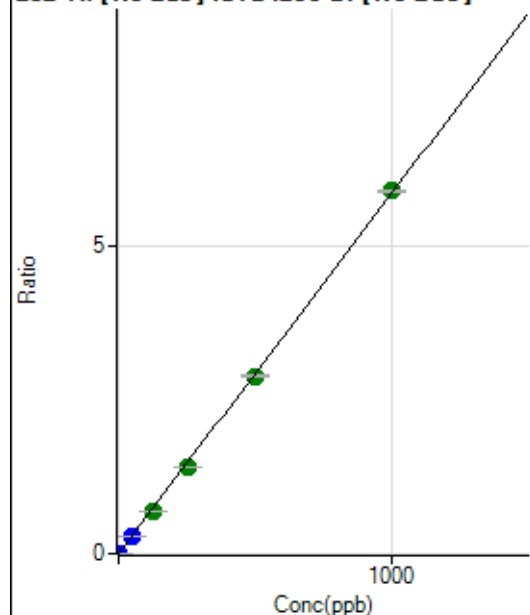
$$DL = 0.002474$$

$$BEC = 0.06341$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	25.3
2	☐	0.100					
3	☐	1.000	0.825	72523.77	0.0048	P	1.1
4	☐	50.000	46.601	4038828.30	0.2730	P	0.2
5	☐	125.000	117.399	9998910.64	0.6878	A	0.7
6	☐	250.000	239.917	20260467.58	1.4057	A	0.9
7	☐	500.000	492.495	40302681.92	2.8855	A	0.9
8	☐	1000.000	1007.393	80268270.77	5.9023	A	0.8
9	☐			10404.59	0.0009	P	12.5

$$y = 0.0059 * x + 5.2033E-006$$

$$R = 0.9999$$

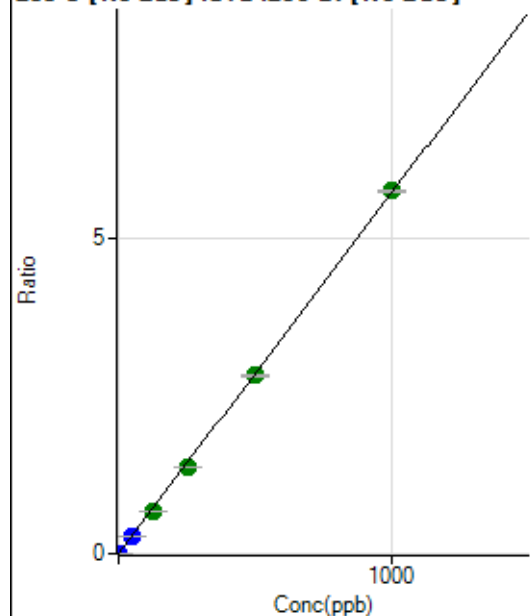
$$DL = 0.0006734$$

$$BEC = 0.0008881$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.01	0.0000	P	12.0
2	☐	0.100					
3	☐	1.000	0.836	71570.75	0.0048	P	1.5
4	☐	50.000	47.222	3985289.69	0.2694	P	1.5
5	☐	125.000	117.482	9743401.26	0.6703	A	0.7
6	☐	250.000	240.546	19780224.23	1.3724	A	1.0
7	☐	500.000	493.885	39355403.66	2.8177	A	0.8
8	☐	1000.000	1006.500	78093153.14	5.7423	A	0.5
9	☐			3856.35	0.0003	P	3.3

$$y = 0.0057 * x + 8.3731E-006$$

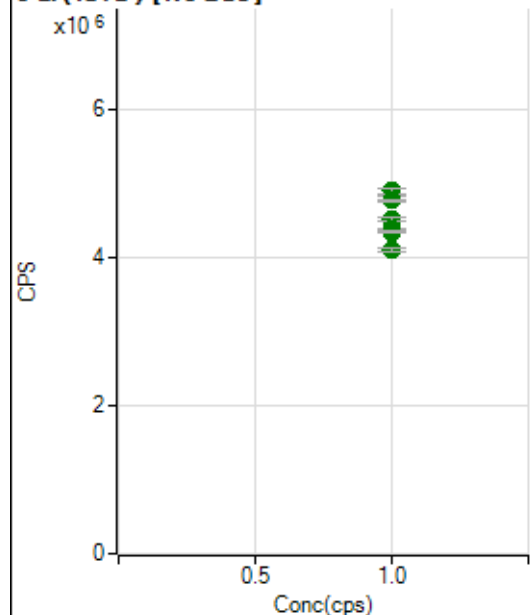
$$R = 0.9999$$

$$DL = 0.0005288$$

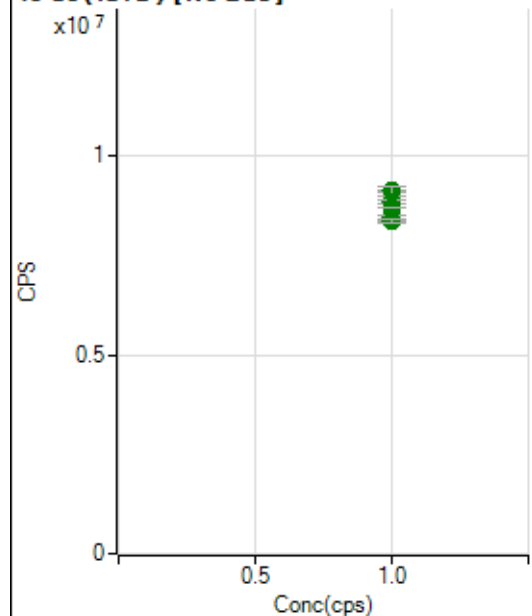
$$BEC = 0.001468$$

Weight: <None>

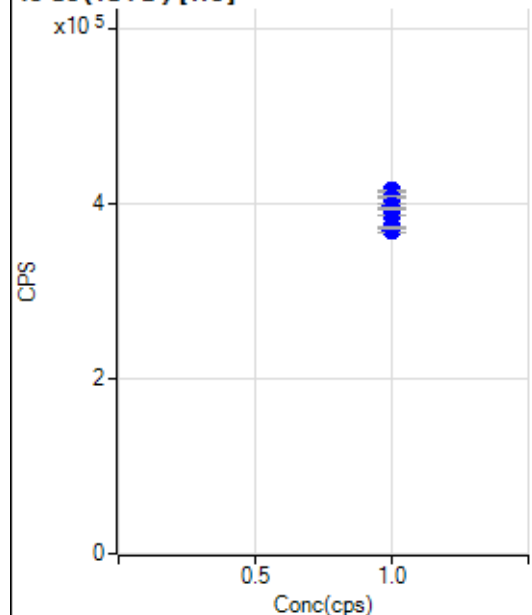
Min Conc: 0

6 Li (ISTD) [No Gas]

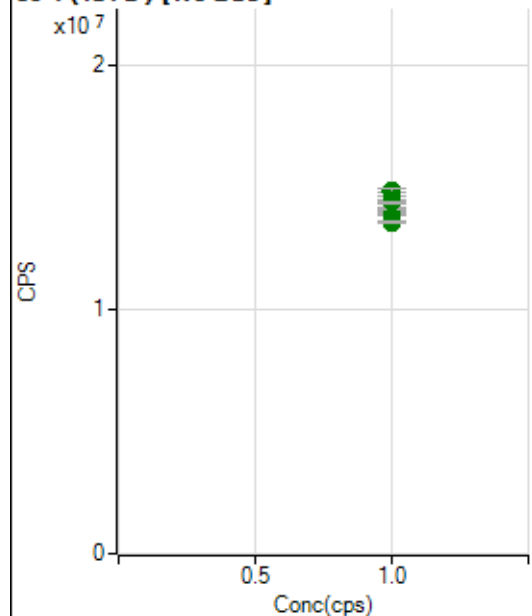
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4828762.62		A	0.3
2	☐	1.000					
3	☐	1.000		4897732.63		A	1.5
4	☐	1.000		4774562.52		A	0.5
5	☐	1.000		4512683.51		A	1.0
6	☐	1.000		4385062.38		A	0.7
7	☐	1.000		4345208.67		A	0.2
8	☐	1.000		4349615.83		A	0.1
9	☐	1.000		4098893.15		A	0.8

45 Sc (ISTD) [No Gas]

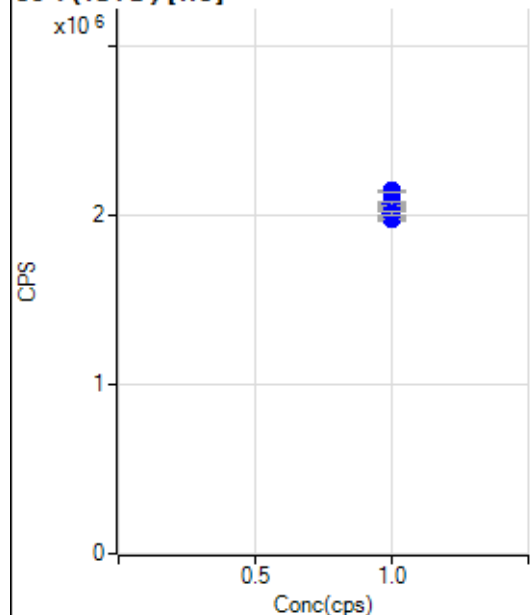
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9113050.73		A	0.6
2	☐	1.000					
3	☐	1.000		9123185.10		A	2.6
4	☐	1.000		8860612.61		A	0.9
5	☐	1.000		8360388.47		A	0.5
6	☐	1.000		8343433.52		A	0.7
7	☐	1.000		8465796.28		A	0.7
8	☐	1.000		8695046.98		A	0.2
9	☐	1.000		8369083.43		A	1.2

45 Sc (ISTD) [He]

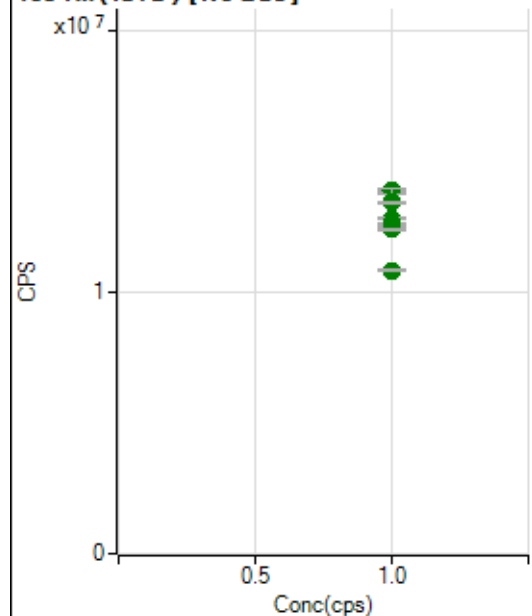
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		414653.76		P	0.6
2	☐	1.000					
3	☐	1.000		406941.86		P	0.4
4	☐	1.000		394151.45		P	0.6
5	☐	1.000		369502.69		P	0.8
6	☐	1.000		372962.48		P	0.7
7	☐	1.000		386271.61		P	0.3
8	☐	1.000		398150.55		P	0.8
9	☐	1.000		394301.18		P	0.8

89 Y (ISTD) [No Gas]

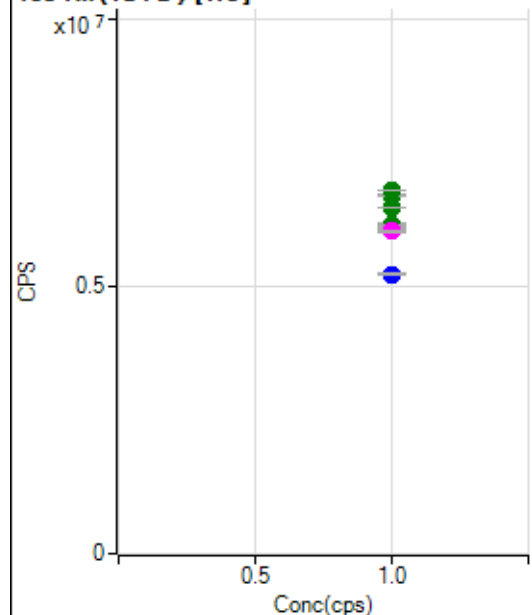
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		14866481.17		A	1.1
2	☐	1.000					
3	☐	1.000		14840098.11		A	2.0
4	☐	1.000		14529223.12		A	0.1
5	☐	1.000		13957263.82		A	0.9
6	☐	1.000		13956963.82		A	0.4
7	☐	1.000		14131407.01		A	0.8
8	☐	1.000		14387950.20		A	0.7
9	☐	1.000		13571568.97		A	0.6

89 Y(ISTD) [He]

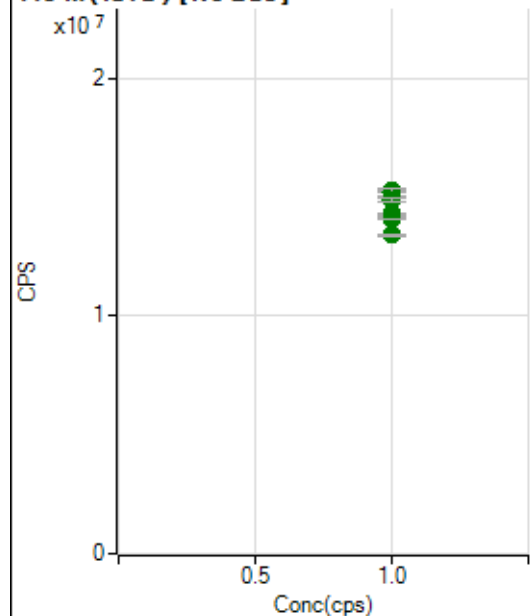
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2140910.02		P	0.4
2	☐	1.000					
3	☐	1.000		2134856.64		P	0.1
4	☐	1.000		2075036.60		P	0.6
5	☐	1.000		1969949.43		P	0.8
6	☐	1.000		1977999.61		P	0.7
7	☐	1.000		2031894.02		P	0.5
8	☐	1.000		2062285.70		P	1.1
9	☐	1.000		2006836.69		P	1.0

103 Rh(ISTD) [No Gas]

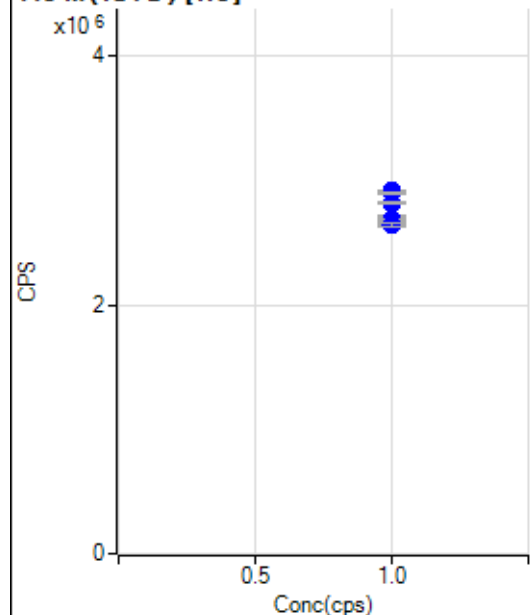
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		13863836.07		A	0.4
2	☐	1.000					
3	☐	1.000		13873649.96		A	1.6
4	☐	1.000		13439577.56		A	0.5
5	☐	1.000		12813683.80		A	0.4
6	☐	1.000		12633736.48		A	0.3
7	☐	1.000		12528170.68		A	0.3
8	☐	1.000		12415632.22		A	0.8
9	☐	1.000		10845757.45		A	0.7

103 Rh (ISTD) [He]

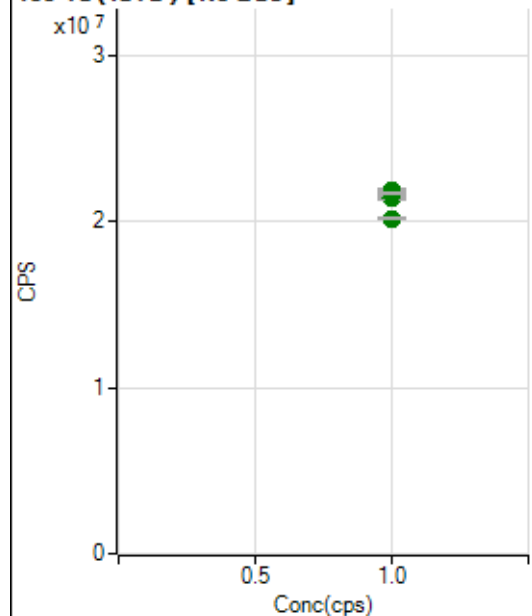
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6709564.62		A	0.3
2	☐	1.000					
3	☐	1.000		6795893.79		A	0.2
4	☐	1.000		6488977.27		A	0.2
5	☐	1.000		6168943.38		M	0.9
6	☐	1.000		6099867.20		M	0.5
7	☐	1.000		6143662.27		A	0.3
8	☐	1.000		6035240.12		M	0.6
9	☐	1.000		5233082.52		P	0.8

115 In (ISTD) [No Gas]

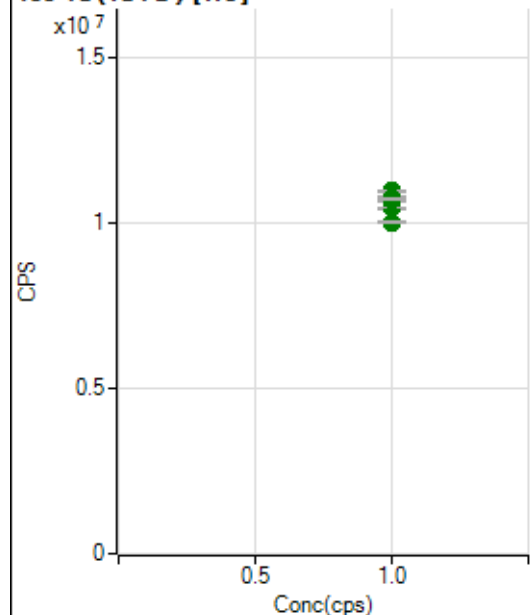
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15253872.59		A	0.5
2	☐	1.000					
3	☐	1.000		15212207.01		A	2.1
4	☐	1.000		14875477.25		A	0.6
5	☐	1.000		14318284.04		A	0.3
6	☐	1.000		14240762.64		A	0.7
7	☐	1.000		14178900.69		A	0.7
8	☐	1.000		14048120.18		A	0.1
9	☐	1.000		13386159.10		A	0.5

115 In (ISTD) [He]

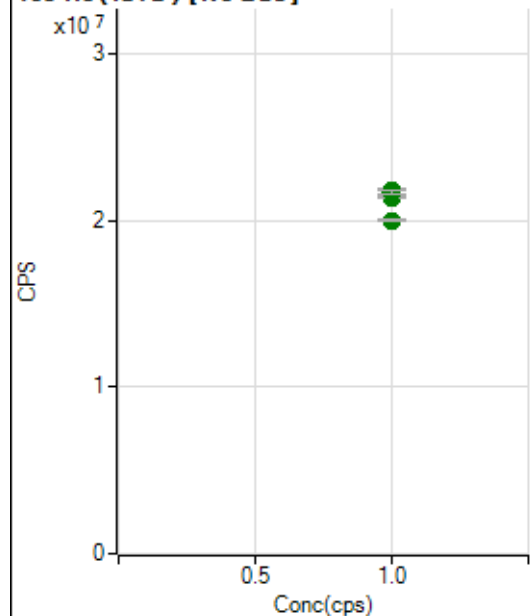
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2918342.89		P	0.7
2	☐	1.000					
3	☐	1.000		2904248.64		P	0.4
4	☐	1.000		2819740.91		P	0.3
5	☐	1.000		2698105.19		P	0.7
6	☐	1.000		2698117.68		P	1.3
7	☐	1.000		2691335.54		P	0.3
8	☐	1.000		2639215.28		P	1.0
9	☐	1.000		2641463.77		P	1.0

159 Tb (ISTD) [No Gas]

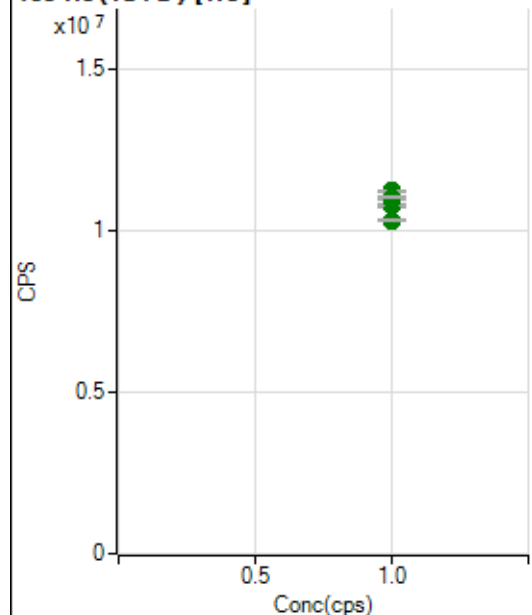
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21820523.01		A	0.7
2	☐	1.000					
3	☐	1.000		21823498.29		A	1.9
4	☐	1.000		21798566.07		A	0.4
5	☐	1.000		21469731.35		A	0.4
6	☐	1.000		21397410.52		A	0.6
7	☐	1.000		21620173.01		A	0.9
8	☐	1.000		21724638.29		A	0.4
9	☐	1.000		20139990.95		A	0.5

159 Tb (ISTD) [He]

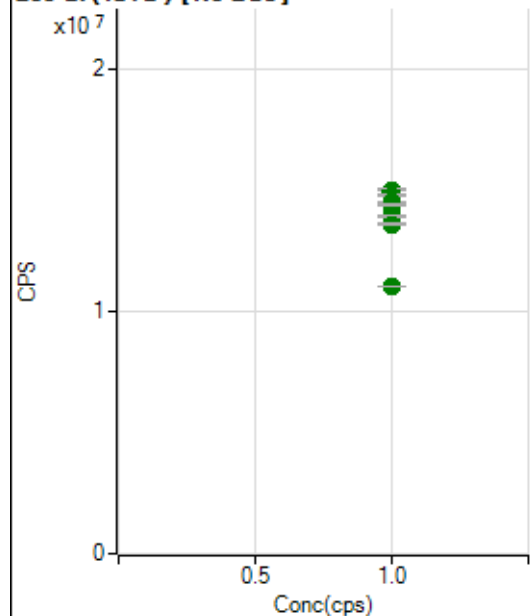
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10751371.78		A	0.2
2	☐	1.000					
3	☐	1.000		10950752.89		A	0.4
4	☐	1.000		10753117.34		A	0.5
5	☐	1.000		10435684.22		A	0.8
6	☐	1.000		10441107.69		A	0.4
7	☐	1.000		10666577.48		A	0.4
8	☐	1.000		10700857.90		A	0.9
9	☐	1.000		9987238.46		A	0.6

165 Ho (ISTD) [No Gas]

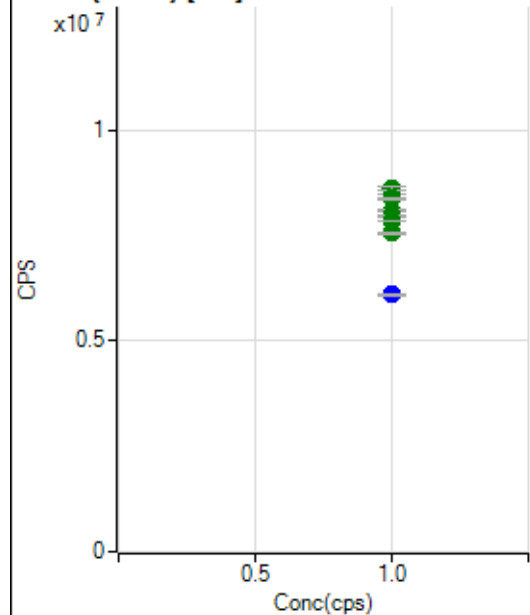
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21525936.24		A	0.1
2	☐	1.000					
3	☐	1.000		21788938.16		A	1.6
4	☐	1.000		21570864.37		A	0.7
5	☐	1.000		21410131.55		A	0.6
6	☐	1.000		21369391.45		A	0.5
7	☐	1.000		21430137.46		A	0.4
8	☐	1.000		21673469.93		A	1.2
9	☐	1.000		20036794.89		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11060050.25		A	0.4
2	☐	1.000					
3	☐	1.000		11224552.33		A	0.6
4	☐	1.000		10986385.39		A	0.3
5	☐	1.000		10751256.78		A	0.5
6	☐	1.000		10790058.31		A	0.5
7	☐	1.000		10954766.50		A	0.3
8	☐	1.000		11020539.00		A	0.5
9	☐	1.000		10304935.82		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14935542.70		A	0.6
2	☐	1.000					
3	☐	1.000		14986931.16		A	1.4
4	☐	1.000		14791975.06		A	0.3
5	☐	1.000		14536554.65		A	0.0
6	☐	1.000		14414110.90		A	1.0
7	☐	1.000		13967447.01		A	0.5
8	☐	1.000		13599933.97		A	0.7
9	☐	1.000		11029021.09		A	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8489346.61		A	0.4
2	☐	1.000					
3	☐	1.000		8606659.52		A	1.0
4	☐	1.000		8375419.18		A	0.4
5	☐	1.000		8088822.59		A	0.3
6	☐	1.000		7973949.05		A	0.6
7	☐	1.000		7843891.41		A	0.5
8	☐	1.000		7553558.84		A	0.3
9	☐	1.000		6103984.91		P	0.9

US EPA Tune Check Sample Report

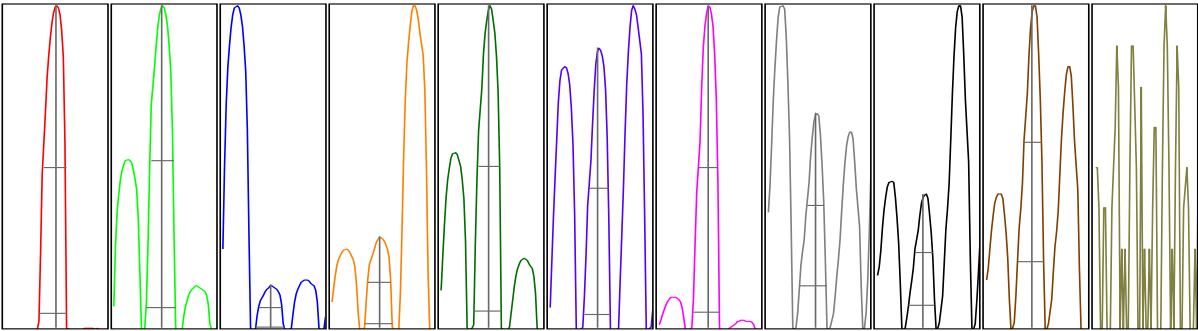
Batch Folder D:\ICP-MS Data\P7012219-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	27783	0.21	5.00	
24	247817	0.60	5.00	
25	33025	0.39	5.00	
26	38520	0.50	5.00	
59	214698	0.56	5.00	
113	28913	0.32	5.00	
115	336184	0.63	5.00	
206	101421	0.40	5.00	
207	101784	0.55	5.00	
208	222037	0.50	5.00	
220	0	42.13		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	27723	27772	27736	27847	27839
24	249405	249115	246003	247921	246642
25	33066	33163	32887	33116	32891
26	38642	38737	38241	38536	38443
59	216053	215653	213201	214799	213781
113	28992	29015	28795	28855	28907
115	338639	336566	334151	337693	333873
206	101399	101974	100845	101532	101353
207	102440	102291	101439	101614	101133
208	223636	222407	220840	222189	221114
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	44894	9.05	8.9 - 9.1		0.790	0.900	
24	392457	23.95	23.9 - 24.1		0.847	0.900	
25	52655	24.95	24.9 - 25.1		0.822	0.900	
26	60555	25.95	25.9 - 26.1		0.790	0.900	
59	358739	58.95	58.9 - 59.1		0.786	0.900	
113	53038	112.95	112.9 - 113.1		0.772	0.900	
115	609854	115.00	114.9 - 115.1		0.770	0.900	
206	189283	205.95	205.9 - 206.1		0.761	0.900	
207	172379	206.90	206.9 - 207.1		0.753	0.900	
208	413235	207.90	207.9 - 208.1		0.750	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
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	6.2	V	Deflect	14.0	V
Extract 2	-120.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	52893	4.16	
89	68265	4.47	
205	85703	3.16	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	49061	53858	54208	54300	53039
89	62946	69510	70000	70339	68528
205	80954	86875	87303	87336	86046

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	6.6	V	Deflect	1.8	V
Extract 2	-130.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	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 : LB100444 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:00:18 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	-0.03	0.11	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.11	-0.07	-0.04	0.00	N/A	ppb
Boron	11-1	0.04	-0.05	0.01	0.00	N/A	ppb
Cadmium	111-1	0.00	-0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.04	-0.14	0.18	0.00	N/A	ppb
Cadmium	108-1	0.00	0.02	-0.01	0.00	N/A	ppb
Calcium	43-1	0.68	-0.15	-0.53	0.00	N/A	ppb
Calcium	44-1	-0.14	-0.40	0.54	0.00	N/A	ppb
Chromium	52-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.05	0.01	-0.06	0.00	N/A	ppb
Iron	57-2	0.45	-0.18	-0.27	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	0.00	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	0.05	0.03	-0.07	0.00	N/A	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:00:18	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	-0.01	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	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-30.37	-27.51	-18.00	-25.29		ppb
Potassium	39-2	1.30	-0.31	-0.98	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.06	-0.06	0.12	0.00	N/A	ppb
Selenium	78-2	-0.10	0.14	-0.05	0.00	N/A	ppb
Selenium	82-1	0.02	-0.05	0.04	0.00	N/A	ppb
Silicon	28-1	0.08	-0.13	0.05	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	0.05	0.29	-0.34	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-24.87	-65.33	-16.62	-35.60		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	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.00	0.00	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 :	LB100444	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:00:18	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	-0.01	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:08:40	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.21	20.72	18.25	19.39	6.42	ppb
Antimony	121-1	1.93	1.96	1.90	1.93	1.63	ppb
Arsenic	75-2	0.92	0.98	0.92	0.94	3.77	ppb
Barium	135-1	9.69	9.59	9.92	9.73	1.77	ppb
Barium	137-1	9.69	9.94	9.85	9.82	1.30	ppb
Beryllium	9-1	0.95	0.97	0.98	0.97	1.49	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	22.81	22.97	23.04	22.94	0.51	ppb
Boron	11-1	22.02	22.74	22.80	22.52	1.93	ppb
Cadmium	111-1	0.92	0.98	1.06	0.99	7.02	ppb
Cadmium	106-1	0.29	0.45	1.20	0.65	75.27	ppb
Cadmium	108-1	1.20	1.26	0.90	1.12	16.92	ppb
Calcium	43-1	456.99	482.43	455.94	465.12	3.23	ppb
Calcium	44-1	448.74	469.20	463.82	460.58	2.30	ppb
Chromium	52-2	1.90	1.92	1.97	1.93	1.82	ppb
Cobalt	59-2	0.96	0.97	0.97	0.97	0.63	ppb
Copper	63-2	2.07	2.05	2.00	2.04	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				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	53.50	53.75	53.75	53.67	0.26	ppb
Iron	57-2	54.90	53.63	58.19	55.57	4.23	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.94	0.89	0.91	3.18	ppb
Lead	207-1	0.85	0.85	0.86	0.85	0.62	ppb
Lead	208-1	0.87	0.90	0.89	0.89	1.93	ppb
Lithium	6-1				101		%
Magnesium	24-2	515.78	505.81	505.91	509.17	1.13	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:08:40	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	1.01	0.99	1.00	1.48	ppb
Molybdenum	94-1	4.70	4.81	4.68	4.73	1.49	ppb
Molybdenum	95-1	4.63	4.98	4.97	4.86	4.04	ppb
Molybdenum	96-1	4.78	4.95	4.85	4.86	1.72	ppb
Molybdenum	97-1	4.65	5.06	4.86	4.86	4.26	ppb
Molybdenum	98-1	4.75	5.03	4.93	4.90	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.00	1.08	1.03	3.91	ppb
Phosphorus	31-2	25.17	28.52	22.19	25.29	12.53	ppb
Potassium	39-2	467.47	462.36	467.34	465.73	0.63	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	4.81	3.37	6.64	4.94	33.08	ppb
Selenium	78-2	5.36	4.50	4.42	4.76	11.01	ppb
Selenium	82-1	5.08	5.43	5.57	5.36	4.77	ppb
Silicon	28-1	5.73	7.03	6.24	6.33	10.31	ppb
Silver	109-1	1.02	1.09	1.03	1.05	3.27	ppb
Silver	107-1	1.03	1.05	1.03	1.04	0.96	ppb
Sodium	23-2	468.54	464.17	468.19	466.97	0.52	ppb
Strontium	86-1	0.92	0.94	0.95	0.94	1.79	ppb
Strontium	88-1	0.93	0.95	0.93	0.94	1.44	ppb
Sulfur	34-1	-44.49	100.25	51.06	35.60	206.71	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.85	0.86	0.89	0.87	2.38	ppb
Thallium	205-1	0.87	0.91	0.89	0.89	1.79	ppb
Thorium	232-1	0.81	0.83	0.83	0.83	1.13	ppb
Tin	118-1	4.88	5.07	4.94	4.96	2.00	ppb
Titanium	47-1	4.71	5.15	4.75	4.87	5.01	ppb
Uranium	238-1	0.82	0.84	0.85	0.84	1.52	ppb
Vanadium	51-2	4.99	5.00	5.03	5.01	0.45	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:08:40	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.21	2.28	2.33	2.27	2.74	ppb
Zirconium	90-1	0.94	0.93	0.95	0.94	1.01	ppb
Zirconium	91-1	0.94	0.97	0.93	0.94	1.95	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:12:37	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	990.57	999.82	992.38	994.26	0.49	ppb
Antimony	121-1	51.61	51.68	52.34	51.88	0.77	ppb
Arsenic	75-2	52.46	51.56	51.58	51.86	0.99	ppb
Barium	135-1	255.13	254.47	257.09	255.56	0.53	ppb
Barium	137-1	255.54	255.63	258.19	256.45	0.59	ppb
Beryllium	9-1	51.89	52.00	51.92	51.94	0.10	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	49.90	51.19	50.11	50.40	1.37	ppb
Boron	11-1	49.05	50.09	49.78	49.64	1.08	ppb
Cadmium	111-1	54.34	54.77	54.74	54.62	0.44	ppb
Cadmium	106-1	55.49	54.75	54.07	54.77	1.31	ppb
Cadmium	108-1	54.38	55.23	53.77	54.46	1.35	ppb
Calcium	43-1	4901.11	5025.44	4980.26	4968.94	1.27	ppb
Calcium	44-1	4924.26	4993.78	4959.23	4959.09	0.70	ppb
Chromium	52-2	51.35	51.19	50.96	51.17	0.39	ppb
Cobalt	59-2	52.23	51.80	51.40	51.81	0.80	ppb
Copper	63-2	108.13	107.73	107.71	107.86	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	2713.22	2710.97	2675.99	2700.06	0.77	ppb
Iron	57-2	2718.02	2678.91	2677.70	2691.54	0.85	ppb
Krypton	83-1						cps
Lead	206-1	48.68	49.46	48.69	48.94	0.91	ppb
Lead	207-1	48.45	48.55	48.59	48.53	0.14	ppb
Lead	208-1	48.71	49.01	48.63	48.78	0.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	5530.24	5455.52	5463.42	5483.06	0.75	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:12:37 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.11	102.56	102.64	102.77	0.29	ppb
Molybdenum	94-1	253.59	252.40	252.87	252.95	0.24	ppb
Molybdenum	95-1	251.17	252.86	252.72	252.25	0.37	ppb
Molybdenum	96-1	254.06	253.68	253.63	253.79	0.09	ppb
Molybdenum	97-1	252.00	252.87	252.88	252.59	0.20	ppb
Molybdenum	98-1	251.43	252.08	249.68	251.06	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.99	54.55	54.49	54.34	0.57	ppb
Phosphorus	31-2	1021.83	1034.81	1009.33	1021.99	1.25	ppb
Potassium	39-2	2449.26	2453.01	2433.50	2445.26	0.42	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	47.89	52.51	48.90	49.77	4.88	ppb
Selenium	78-2	52.80	52.72	52.86	52.79	0.13	ppb
Selenium	82-1	53.17	53.91	53.28	53.45	0.74	ppb
Silicon	28-1	51.63	54.96	55.67	54.09	3.99	ppb
Silver	109-1	55.23	54.99	55.45	55.22	0.42	ppb
Silver	107-1	54.51	55.05	55.49	55.01	0.89	ppb
Sodium	23-2	5042.92	4978.17	4960.24	4993.78	0.87	ppb
Strontium	86-1	50.46	50.18	50.85	50.50	0.66	ppb
Strontium	88-1	51.02	50.90	51.09	51.00	0.18	ppb
Sulfur	34-1	1124.12	1111.71	1149.34	1128.39	1.70	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	49.06	48.09	48.27	48.47	1.06	ppb
Thallium	205-1	48.61	48.96	48.87	48.81	0.36	ppb
Thorium	232-1	46.62	46.70	46.49	46.60	0.23	ppb
Tin	118-1	51.11	51.63	51.39	51.38	0.51	ppb
Titanium	47-1	250.48	249.71	251.31	250.50	0.32	ppb
Uranium	238-1	46.61	47.97	47.08	47.22	1.47	ppb
Vanadium	51-2	50.59	50.51	49.44	50.18	1.29	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:12:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	112.05	110.43	110.40	110.96	0.85	ppb
Zirconium	90-1	50.03	49.96	50.19	50.06	0.23	ppb
Zirconium	91-1	50.57	49.86	49.51	49.98	1.08	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:16:47	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2524.29	2487.91	2478.05	2496.75	0.98	ppb
Antimony	121-1	126.35	127.50	129.20	127.68	1.12	ppb
Arsenic	75-2	129.73	128.73	128.21	128.89	0.60	ppb
Barium	135-1	626.87	628.84	631.64	629.12	0.38	ppb
Barium	137-1	622.96	627.77	634.78	628.50	0.95	ppb
Beryllium	9-1	127.85	127.33	129.12	128.10	0.72	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	124.83	123.88	127.87	125.53	1.66	ppb
Boron	11-1	122.32	122.84	124.17	123.11	0.78	ppb
Cadmium	111-1	132.68	133.25	135.04	133.66	0.92	ppb
Cadmium	106-1	132.43	129.86	130.45	130.91	1.03	ppb
Cadmium	108-1	132.18	130.05	137.17	133.13	2.75	ppb
Calcium	43-1	12512.87	12426.02	12511.37	12483.42	0.40	ppb
Calcium	44-1	12500.43	12255.88	12413.57	12389.96	1.00	ppb
Chromium	52-2	129.68	129.56	128.19	129.15	0.64	ppb
Cobalt	59-2	130.62	130.48	128.86	129.99	0.75	ppb
Copper	63-2	272.01	269.93	268.00	269.98	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	6910.08	6904.21	6804.24	6872.84	0.87	ppb
Iron	57-2	6880.58	6832.34	6773.66	6828.86	0.78	ppb
Krypton	83-1						cps
Lead	206-1	121.20	121.70	123.53	122.14	1.01	ppb
Lead	207-1	121.18	122.32	122.38	121.96	0.56	ppb
Lead	208-1	122.25	122.90	123.59	122.92	0.54	ppb
Lithium	6-1				93		%
Magnesium	24-2	13828.65	13791.66	13592.28	13737.53	0.93	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:16:47	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	260.33	261.81	259.28	260.48	0.49	ppb
Molybdenum	94-1	628.95	623.63	635.69	629.42	0.96	ppb
Molybdenum	95-1	619.03	619.93	623.33	620.76	0.37	ppb
Molybdenum	96-1	626.88	613.75	623.88	621.50	1.11	ppb
Molybdenum	97-1	621.63	619.82	636.28	625.91	1.44	ppb
Molybdenum	98-1	622.93	611.39	622.79	619.04	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.31	136.35	135.44	136.03	0.38	ppb
Phosphorus	31-2	2585.32	2542.64	2561.61	2563.19	0.83	ppb
Potassium	39-2	6150.35	6159.55	6097.40	6135.76	0.55	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	77-2	139.98	131.67	135.08	135.58	3.08	ppb
Selenium	78-2	132.88	132.72	126.66	130.75	2.71	ppb
Selenium	82-1	131.26	131.62	133.94	132.27	1.10	ppb
Silicon	28-1	139.56	142.93	149.61	144.03	3.55	ppb
Silver	109-1	131.88	132.26	134.81	132.99	1.20	ppb
Silver	107-1	131.43	130.15	134.04	131.87	1.51	ppb
Sodium	23-2	12641.54	12677.19	12462.02	12593.58	0.92	ppb
Strontium	86-1	125.39	124.19	127.87	125.82	1.49	ppb
Strontium	88-1	126.02	124.57	125.81	125.47	0.62	ppb
Sulfur	34-1	2647.10	2550.64	2553.45	2583.73	2.12	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	121.33	121.96	123.12	122.14	0.75	ppb
Thallium	205-1	120.25	119.19	121.67	120.37	1.04	ppb
Thorium	232-1	116.47	117.89	117.84	117.40	0.69	ppb
Tin	118-1	126.16	125.48	126.76	126.13	0.51	ppb
Titanium	47-1	625.05	616.60	623.57	621.74	0.73	ppb
Uranium	238-1	116.88	118.47	117.10	117.48	0.73	ppb
Vanadium	51-2	127.39	126.97	125.70	126.69	0.70	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:16:47	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	284.55	281.85	279.55	281.98	0.89	ppb
Zirconium	90-1	125.00	123.57	126.06	124.88	1.00	ppb
Zirconium	91-1	123.98	121.89	126.24	124.04	1.76	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:20:36	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4932.92	4911.51	4907.34	4917.26	0.28	ppb
Antimony	121-1	256.02	255.93	256.26	256.07	0.07	ppb
Arsenic	75-2	255.63	253.49	254.83	254.65	0.43	ppb
Barium	135-1	1266.85	1240.88	1264.84	1257.52	1.15	ppb
Barium	137-1	1253.05	1241.64	1241.13	1245.27	0.54	ppb
Beryllium	9-1	257.07	258.04	256.71	257.27	0.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	249.70	259.27	253.79	254.25	1.89	ppb
Boron	11-1	242.82	253.41	249.06	248.43	2.14	ppb
Cadmium	111-1	266.01	263.87	265.42	265.10	0.42	ppb
Cadmium	106-1	264.13	261.19	257.62	260.98	1.25	ppb
Cadmium	108-1	261.70	262.22	262.18	262.03	0.11	ppb
Calcium	43-1	24936.28	25027.69	25016.36	24993.44	0.20	ppb
Calcium	44-1	24623.41	24710.44	24547.54	24627.13	0.33	ppb
Chromium	52-2	254.08	254.11	255.96	254.72	0.42	ppb
Cobalt	59-2	256.23	255.97	254.84	255.68	0.29	ppb
Copper	63-2	521.64	525.43	527.61	524.89	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	13502.60	13497.01	13456.01	13485.21	0.19	ppb
Iron	57-2	13360.21	13469.14	13404.24	13411.20	0.41	ppb
Krypton	83-1						cps
Lead	206-1	245.53	248.02	243.20	245.58	0.98	ppb
Lead	207-1	244.68	246.82	243.50	245.00	0.69	ppb
Lead	208-1	244.00	245.90	243.08	244.33	0.59	ppb
Lithium	6-1				91		%
Magnesium	24-2	27175.29	26940.71	27019.06	27045.02	0.44	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:20:36	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	512.35	514.30	513.52	513.39	0.19	ppb
Molybdenum	94-1	1245.21	1242.38	1238.54	1242.04	0.27	ppb
Molybdenum	95-1	1252.67	1245.54	1243.33	1247.18	0.39	ppb
Molybdenum	96-1	1240.29	1249.47	1251.02	1246.93	0.47	ppb
Molybdenum	97-1	1243.74	1250.45	1239.57	1244.59	0.44	ppb
Molybdenum	98-1	1251.04	1242.10	1251.56	1248.23	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.82	265.54	265.76	265.71	0.05	ppb
Phosphorus	31-2	5159.76	5128.25	5008.43	5098.81	1.57	ppb
Potassium	39-2	12270.78	12196.66	12272.85	12246.76	0.35	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	77-2	255.35	259.24	265.42	260.00	1.95	ppb
Selenium	78-2	257.81	263.37	268.29	263.15	1.99	ppb
Selenium	82-1	262.60	264.42	261.03	262.69	0.65	ppb
Silicon	28-1	281.97	294.31	300.30	292.19	3.20	ppb
Silver	109-1	259.74	258.65	258.26	258.88	0.30	ppb
Silver	107-1	260.55	257.70	253.30	257.19	1.42	ppb
Sodium	23-2	25160.68	24758.87	24764.83	24894.79	0.93	ppb
Strontium	86-1	252.04	252.46	252.49	252.33	0.10	ppb
Strontium	88-1	249.82	251.11	248.77	249.90	0.47	ppb
Sulfur	34-1	5023.17	4937.74	4863.43	4941.45	1.62	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	246.36	248.09	244.28	246.24	0.78	ppb
Thallium	205-1	244.21	243.18	240.74	242.71	0.74	ppb
Thorium	232-1	241.27	240.92	237.56	239.92	0.85	ppb
Tin	118-1	253.39	254.34	252.12	253.28	0.44	ppb
Titanium	47-1	1247.87	1236.41	1243.13	1242.47	0.46	ppb
Uranium	238-1	242.69	241.12	237.83	240.55	1.03	ppb
Vanadium	51-2	251.65	251.74	252.99	252.12	0.30	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:20:36	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	549.18	546.17	551.42	548.92	0.48	ppb
Zirconium	90-1	251.21	248.05	248.29	249.19	0.71	ppb
Zirconium	91-1	249.02	249.71	250.58	249.77	0.31	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:24:22 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9557.11	9652.08	9660.69	9623.29	0.60	ppb
Antimony	121-1	506.58	498.42	508.56	504.52	1.07	ppb
Arsenic	75-2	504.80	505.74	501.02	503.85	0.50	ppb
Barium	135-1	2485.88	2474.66	2511.24	2490.59	0.75	ppb
Barium	137-1	2504.61	2469.83	2514.95	2496.46	0.95	ppb
Beryllium	9-1	504.02	504.85	507.40	505.43	0.35	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	494.33	501.15	509.38	501.62	1.50	ppb
Boron	11-1	492.45	495.05	497.44	494.98	0.50	ppb
Cadmium	111-1	512.33	504.30	515.17	510.60	1.10	ppb
Cadmium	106-1	506.78	500.59	510.91	506.09	1.03	ppb
Cadmium	108-1	504.16	509.33	512.26	508.58	0.81	ppb
Calcium	43-1	49901.17	49271.33	49716.62	49629.70	0.65	ppb
Calcium	44-1	49164.06	49386.62	49246.92	49265.86	0.23	ppb
Chromium	52-2	498.91	503.45	500.63	500.99	0.46	ppb
Cobalt	59-2	500.40	500.50	500.00	500.30	0.05	ppb
Copper	63-2	1027.47	1025.32	1024.56	1025.78	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	26685.45	26491.20	26636.63	26604.43	0.38	ppb
Iron	57-2	26137.55	26268.82	26231.90	26212.76	0.26	ppb
Krypton	83-1						cps
Lead	206-1	493.95	499.83	495.80	496.53	0.61	ppb
Lead	207-1	496.80	498.45	493.86	496.37	0.47	ppb
Lead	208-1	495.32	499.78	496.72	497.28	0.46	ppb
Lithium	6-1				90		%
Magnesium	24-2	52886.52	52735.42	53078.20	52900.04	0.32	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:24:22 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1000.88	1007.52	1012.90	1007.10	0.60	ppb
Molybdenum	94-1	2489.48	2512.00	2475.65	2492.37	0.74	ppb
Molybdenum	95-1	2491.97	2514.71	2493.23	2499.97	0.51	ppb
Molybdenum	96-1	2494.61	2503.85	2476.64	2491.70	0.56	ppb
Molybdenum	97-1	2495.70	2511.64	2480.13	2495.82	0.63	ppb
Molybdenum	98-1	2492.24	2524.62	2471.98	2496.28	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.42	515.58	510.07	512.35	0.56	ppb
Phosphorus	31-2	9909.34	10127.53	10181.59	10072.82	1.43	ppb
Potassium	39-2	24249.08	24160.12	24294.46	24234.55	0.28	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	509.35	502.53	500.76	504.21	0.90	ppb
Selenium	78-2	510.60	512.64	505.05	509.43	0.77	ppb
Selenium	82-1	510.81	518.99	512.25	514.01	0.85	ppb
Silicon	28-1	615.12	626.13	634.95	625.40	1.59	ppb
Silver	109-1	509.46	505.69	510.96	508.70	0.53	ppb
Silver	107-1	507.87	501.41	510.55	506.61	0.93	ppb
Sodium	23-2	48848.92	48740.31	49051.23	48880.15	0.32	ppb
Strontium	86-1	496.04	508.13	501.51	501.89	1.21	ppb
Strontium	88-1	503.37	504.17	501.50	503.01	0.27	ppb
Sulfur	34-1	9948.82	9855.11	9883.92	9895.95	0.49	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	495.13	498.28	491.09	494.83	0.73	ppb
Thallium	205-1	492.46	499.69	494.85	495.67	0.74	ppb
Thorium	232-1	488.86	497.46	491.17	492.50	0.90	ppb
Tin	118-1	499.63	499.29	504.50	501.14	0.58	ppb
Titanium	47-1	2514.06	2491.81	2480.69	2495.52	0.68	ppb
Uranium	238-1	494.98	497.29	489.39	493.89	0.82	ppb
Vanadium	51-2	497.67	500.27	501.63	499.86	0.40	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:24:22	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1043.00	1048.05	1048.84	1046.63	0.30	ppb
Zirconium	90-1	497.82	502.43	497.03	499.09	0.58	ppb
Zirconium	91-1	496.86	502.64	499.08	499.53	0.58	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:28:07	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18957.80	19210.39	19196.00	19121.40	0.74	ppb
Antimony	121-1	986.48	1001.24	999.66	995.79	0.81	ppb
Arsenic	75-2	1000.23	995.41	993.35	996.33	0.35	ppb
Barium	135-1	4977.70	5017.13	5011.26	5002.03	0.43	ppb
Barium	137-1	4958.35	5029.95	5018.28	5002.19	0.77	ppb
Beryllium	9-1	992.52	999.30	993.13	994.99	0.38	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Boron	10-1	992.42	1008.18	993.67	998.09	0.88	ppb
Boron	11-1	1001.75	1008.10	999.80	1003.22	0.43	ppb
Cadmium	111-1	977.77	997.03	994.04	989.61	1.05	ppb
Cadmium	106-1	987.24	1001.47	990.98	993.23	0.74	ppb
Cadmium	108-1	989.05	991.46	993.87	991.46	0.24	ppb
Calcium	43-1	97927.65	99587.88	99198.51	98904.68	0.88	ppb
Calcium	44-1	97547.54	99076.14	99379.54	98667.74	1.00	ppb
Chromium	52-2	994.94	1004.37	993.93	997.75	0.58	ppb
Cobalt	59-2	991.93	1005.19	996.02	997.72	0.68	ppb
Copper	63-2	1975.53	1995.72	1962.73	1978.00	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				101		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	52066.60	52681.54	52444.00	52397.38	0.59	ppb
Iron	57-2	52021.75	52550.23	51973.40	52181.79	0.61	ppb
Krypton	83-1						cps
Lead	206-1	988.08	1016.24	1005.43	1003.25	1.42	ppb
Lead	207-1	992.00	1010.62	1007.95	1003.52	1.00	ppb
Lead	208-1	990.35	1014.77	1004.19	1003.10	1.22	ppb
Lithium	6-1				90		%
Magnesium	24-2	104439.85	106098.45	104446.18	104994.83	0.91	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:28:07 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1983.70	2002.36	1988.90	1991.65	0.48	ppb
Molybdenum	94-1	4974.65	5045.03	4995.63	5005.10	0.72	ppb
Molybdenum	95-1	4978.82	5021.66	5002.94	5001.14	0.43	ppb
Molybdenum	96-1	4958.22	5065.58	4991.69	5005.17	1.10	ppb
Molybdenum	97-1	4948.54	5039.04	5022.01	5003.20	0.96	ppb
Molybdenum	98-1	4952.83	5027.79	5028.37	5002.99	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	980.67	995.66	988.57	988.30	0.76	ppb
Phosphorus	31-2	19741.43	20135.82	19912.41	19929.89	0.99	ppb
Potassium	39-2	48133.10	48676.81	48505.67	48438.53	0.57	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	1000.35	1010.01	971.88	994.08	1.99	ppb
Selenium	78-2	994.36	993.59	985.46	991.14	0.50	ppb
Selenium	82-1	978.61	996.49	991.11	988.74	0.93	ppb
Silicon	28-1	912.16	927.04	933.42	924.21	1.18	ppb
Silver	109-1	981.07	995.72	999.72	992.17	0.99	ppb
Silver	107-1	986.03	1001.54	993.80	993.79	0.78	ppb
Sodium	23-2	97040.47	98548.50	97425.93	97671.63	0.80	ppb
Strontium	86-1	991.15	1005.10	998.78	998.34	0.70	ppb
Strontium	88-1	987.93	1003.13	1004.17	998.41	0.91	ppb
Sulfur	34-1	19854.59	20096.65	20198.10	20049.78	0.88	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	991.86	1014.73	1005.28	1003.96	1.14	ppb
Thallium	205-1	991.57	1016.08	1006.24	1004.63	1.23	ppb
Thorium	232-1	1001.75	1016.63	1003.80	1007.39	0.80	ppb
Tin	118-1	989.60	1003.46	1002.14	998.40	0.77	ppb
Titanium	47-1	4950.92	5071.83	4990.77	5004.51	1.23	ppb
Uranium	238-1	1004.09	1011.99	1003.41	1006.50	0.47	ppb
Vanadium	51-2	997.53	1001.69	998.74	999.32	0.21	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:28:07	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1932.96	1989.62	1957.14	1959.91	1.45	ppb
Zirconium	90-1	995.75	1005.27	1000.99	1000.67	0.48	ppb
Zirconium	91-1	992.40	1008.83	1000.01	1000.42	0.82	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:31:54 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100147.04	99710.89	100795.08	100217.67	0.54	ppb
Antimony	121-1	1.12	1.18	1.11	1.14	3.11	ppb
Arsenic	75-2	1.27	1.23	1.36	1.29	4.85	ppb
Barium	135-1	0.71	0.64	0.62	0.66	6.80	ppb
Barium	137-1	0.63	0.64	0.64	0.64	1.40	ppb
Beryllium	9-1	0.10	0.10	0.09	0.10	7.98	ppb
Bismuth	209-1				74		%
Bismuth	209-2				72		%
Boron	10-1	19.06	16.40	15.20	16.89	11.70	ppb
Boron	11-1	18.44	16.27	15.07	16.59	10.29	ppb
Cadmium	111-1	0.11	0.08	0.06	0.08	26.61	ppb
Cadmium	106-1	-0.51	-0.76	-0.68	-0.65		ppb
Cadmium	108-1	0.33	0.26	0.24	0.28	17.70	ppb
Calcium	43-1	503674.99	499639.05	497457.50	500257.18	0.63	ppb
Calcium	44-1	502236.39	500756.69	498092.05	500361.71	0.42	ppb
Chromium	52-2	8.14	8.18	8.14	8.15	0.30	ppb
Cobalt	59-2	11.20	11.08	11.12	11.13	0.54	ppb
Copper	63-2	2.21	2.22	2.22	2.22	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				93		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				91		%
Iron	56-2	250854.74	247624.35	249400.66	249293.25	0.65	ppb
Iron	57-2	249687.79	248759.32	249694.14	249380.42	0.22	ppb
Krypton	83-1						cps
Lead	206-1	1.10	1.06	1.07	1.08	1.63	ppb
Lead	207-1	1.03	0.99	1.00	1.01	1.76	ppb
Lead	208-1	1.05	1.02	1.03	1.04	1.39	ppb
Lithium	6-1				85		%
Magnesium	24-2	498661.09	495806.68	501251.23	498573.00	0.55	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:31:54	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.63	9.46	9.68	9.59	1.17	ppb
Molybdenum	94-1	2.78	2.45	2.42	2.55	7.74	ppb
Molybdenum	95-1	3.26	3.10	3.09	3.15	3.13	ppb
Molybdenum	96-1	4.56	4.24	4.28	4.36	3.99	ppb
Molybdenum	97-1	3.35	3.01	2.76	3.04	9.73	ppb
Molybdenum	98-1	3.13	2.89	2.84	2.95	5.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.63	12.19	12.35	12.39	1.83	ppb
Phosphorus	31-2	-18.32	-20.29	-26.24	-21.62		ppb
Potassium	39-2	251113.64	248076.80	252024.48	250404.97	0.83	ppb
Rhodium	103-1				78		%
Rhodium	103-2				78		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	77-2	0.52	0.71	-0.06	0.39	102.71	ppb
Selenium	78-2	0.04	0.47	0.01	0.17	152.88	ppb
Selenium	82-1	0.40	0.45	0.72	0.52	32.74	ppb
Silicon	28-1	48.90	48.94	48.41	48.75	0.60	ppb
Silver	109-1	0.07	0.07	0.06	0.07	8.68	ppb
Silver	107-1	0.07	0.06	0.05	0.06	16.32	ppb
Sodium	23-2	503154.78	497328.08	501259.17	500580.67	0.59	ppb
Strontium	86-1	4.23	4.28	4.33	4.28	1.10	ppb
Strontium	88-1	4.28	4.24	4.29	4.27	0.65	ppb
Sulfur	34-1	-400.52	-376.92	-395.29	-390.91		ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.25	0.20	0.22	0.23	10.34	ppb
Thallium	205-1	0.24	0.21	0.21	0.22	7.79	ppb
Thorium	232-1	0.18	0.16	0.14	0.16	12.57	ppb
Tin	118-1	0.85	0.87	0.86	0.86	0.96	ppb
Titanium	47-1	1.07	0.90	1.14	1.04	11.99	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	3.39	ppb
Vanadium	51-2	0.18	0.17	0.17	0.17	5.06	ppb
Yttrium	89-1				91		%
Yttrium	89-2				94		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:31:54	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.09	14.88	15.02	15.00	0.69	ppb
Zirconium	90-1	0.24	0.25	0.24	0.24	0.89	ppb
Zirconium	91-1	0.24	0.25	0.25	0.24	1.32	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:37:19	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	540.81	534.78	534.29	536.63	0.68	ppb
Antimony	121-1	203.48	198.79	197.32	199.86	1.61	ppb
Arsenic	75-2	206.29	203.99	204.62	204.97	0.58	ppb
Barium	135-1	100.83	99.69	99.32	99.95	0.79	ppb
Barium	137-1	101.33	100.34	99.35	100.34	0.98	ppb
Beryllium	9-1	100.97	98.59	98.94	99.50	1.29	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	6.45	6.34	5.86	6.22	5.07	ppb
Boron	11-1	6.67	6.51	5.95	6.37	5.92	ppb
Cadmium	111-1	109.62	106.16	105.93	107.24	1.93	ppb
Cadmium	106-1	87.72	83.91	84.47	85.37	2.41	ppb
Cadmium	108-1	112.30	112.80	112.74	112.61	0.24	ppb
Calcium	43-1	1979.00	1933.04	1896.09	1936.04	2.15	ppb
Calcium	44-1	1987.81	1904.44	1900.57	1930.94	2.55	ppb
Chromium	52-2	98.82	98.20	97.78	98.27	0.53	ppb
Cobalt	59-2	102.03	102.11	100.79	101.65	0.73	ppb
Copper	63-2	107.08	106.47	106.45	106.67	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	1107.50	1092.02	1064.32	1087.95	2.01	ppb
Iron	57-2	1079.78	1082.72	1079.08	1080.53	0.18	ppb
Krypton	83-1						cps
Lead	206-1	190.93	187.55	188.49	188.99	0.92	ppb
Lead	207-1	182.28	179.97	181.06	181.10	0.64	ppb
Lead	208-1	188.53	184.96	185.04	186.18	1.10	ppb
Lithium	6-1				100		%
Magnesium	24-2	1252.38	1256.80	1249.29	1252.82	0.30	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:37:19 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.06	98.66	97.94	98.55	0.58	ppb
Molybdenum	94-1	1675.22	1612.56	1617.65	1635.14	2.13	ppb
Molybdenum	95-1	2418.16	2331.47	2337.61	2362.41	2.05	ppb
Molybdenum	96-1	2327.79	2247.88	2247.07	2274.25	2.04	ppb
Molybdenum	97-1	2430.11	2349.05	2340.09	2373.08	2.09	ppb
Molybdenum	98-1	2416.42	2327.63	2308.81	2350.95	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.34	107.24	106.88	107.15	0.22	ppb
Phosphorus	31-2	-19.77	-27.49	-33.82	-27.03		ppb
Potassium	39-2	1991.99	1964.95	1962.97	1973.30	0.82	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	222.31	209.05	200.39	210.58	5.24	ppb
Selenium	78-2	205.76	209.37	212.74	209.29	1.67	ppb
Selenium	82-1	212.30	207.39	205.86	208.52	1.61	ppb
Silicon	28-1	5.60	5.50	5.76	5.62	2.33	ppb
Silver	109-1	108.91	107.33	106.77	107.67	1.03	ppb
Silver	107-1	109.44	106.93	107.41	107.93	1.23	ppb
Sodium	23-2	2012.91	2010.47	2004.28	2009.22	0.22	ppb
Strontium	86-1	2.31	2.07	2.18	2.19	5.37	ppb
Strontium	88-1	2.30	2.28	2.23	2.27	1.58	ppb
Sulfur	34-1	-534.06	-689.42	-737.32	-653.60		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	192.40	193.22	192.86	192.82	0.21	ppb
Thallium	205-1	195.94	192.88	191.45	193.42	1.19	ppb
Thorium	232-1	0.10	0.08	0.08	0.08	11.19	ppb
Tin	118-1	0.11	0.10	0.07	0.09	20.64	ppb
Titanium	47-1	2441.44	2372.81	2336.09	2383.45	2.24	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	8.59	ppb
Vanadium	51-2	98.89	98.19	97.53	98.20	0.69	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:37:19	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	218.60	220.66	218.94	219.40	0.50	ppb
Zirconium	90-1	0.14	0.10	0.09	0.11	26.58	ppb
Zirconium	91-1	0.22	0.21	0.17	0.20	12.65	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:44:24	DataFile Name :	013LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.12	18.94	19.30	19.12	0.94	ppb
Antimony	121-1	1.86	1.95	1.95	1.92	2.73	ppb
Arsenic	75-2	0.95	1.00	0.93	0.96	3.62	ppb
Barium	135-1	9.28	9.53	10.14	9.65	4.57	ppb
Barium	137-1	9.40	9.59	9.99	9.66	3.11	ppb
Beryllium	9-1	0.97	0.96	1.00	0.98	2.06	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	26.15	26.81	27.13	26.70	1.88	ppb
Boron	11-1	25.38	26.26	27.26	26.30	3.56	ppb
Cadmium	111-1	0.88	1.00	1.03	0.97	8.23	ppb
Cadmium	106-1	-0.33	0.37	0.83	0.29	200.60	ppb
Cadmium	108-1	1.03	1.02	0.82	0.96	12.84	ppb
Calcium	43-1	441.17	456.29	465.81	454.42	2.73	ppb
Calcium	44-1	443.50	451.86	470.80	455.39	3.07	ppb
Chromium	52-2	1.87	1.91	1.94	1.91	1.91	ppb
Cobalt	59-2	0.94	0.99	0.99	0.97	3.44	ppb
Copper	63-2	2.03	1.94	2.04	2.00	2.70	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				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	53.38	52.88	54.75	53.67	1.80	ppb
Iron	57-2	54.95	55.45	54.70	55.03	0.69	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.88	0.92	0.89	2.82	ppb
Lead	207-1	0.83	0.86	0.89	0.86	3.35	ppb
Lead	208-1	0.85	0.87	0.92	0.88	3.71	ppb
Lithium	6-1				101		%
Magnesium	24-2	494.32	493.57	499.59	495.83	0.66	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:44:24	DataFile Name :	013LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.04	0.97	1.02	3.86	ppb
Molybdenum	94-1	4.69	4.77	5.11	4.86	4.57	ppb
Molybdenum	95-1	4.89	5.02	5.19	5.03	2.99	ppb
Molybdenum	96-1	4.83	4.99	5.02	4.95	2.11	ppb
Molybdenum	97-1	5.04	4.88	5.21	5.04	3.28	ppb
Molybdenum	98-1	4.74	4.92	5.06	4.91	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.04	0.94	1.01	5.77	ppb
Phosphorus	31-2	4.87	21.88	18.66	15.14	59.67	ppb
Potassium	39-2	462.71	475.26	479.53	472.50	1.85	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	4.58	5.65	5.56	5.26	11.30	ppb
Selenium	78-2	5.26	4.82	4.91	5.00	4.63	ppb
Selenium	82-1	4.92	5.20	5.71	5.28	7.55	ppb
Silicon	28-1	6.09	6.38	7.49	6.66	11.09	ppb
Silver	109-1	1.06	1.02	1.05	1.04	2.39	ppb
Silver	107-1	1.03	1.03	1.05	1.04	1.32	ppb
Sodium	23-2	470.49	475.48	478.38	474.78	0.84	ppb
Strontium	86-1	0.86	0.92	0.98	0.92	6.59	ppb
Strontium	88-1	0.91	0.93	0.95	0.93	2.38	ppb
Sulfur	34-1	-485.14	-388.22	-275.90	-383.09		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.89	0.87	0.93	0.90	3.08	ppb
Thallium	205-1	0.87	0.89	0.91	0.89	1.77	ppb
Thorium	232-1	0.80	0.81	0.84	0.82	2.22	ppb
Tin	118-1	4.76	4.87	5.01	4.88	2.59	ppb
Titanium	47-1	4.70	4.83	5.25	4.93	5.85	ppb
Uranium	238-1	0.82	0.82	0.82	0.82	0.22	ppb
Vanadium	51-2	4.98	4.99	5.01	4.99	0.33	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:44:24	DataFile Name :	013LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.25	2.21	2.33	2.27	2.61	ppb
Zirconium	90-1	0.88	0.92	0.94	0.91	3.16	ppb
Zirconium	91-1	0.94	0.87	0.95	0.92	4.51	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:48:00 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	0.40	0.43	0.48	23.91	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	17.14	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	100.04	ppb
Barium	135-1	0.01	0.01	0.00	0.01	56.09	ppb
Barium	137-1	0.01	0.01	0.01	0.01	25.56	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	14.19	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	3.20	3.06	3.05	3.10	2.77	ppb
Boron	11-1	3.19	3.00	2.72	2.97	7.96	ppb
Cadmium	111-1	-0.02	0.01	-0.03	-0.01		ppb
Cadmium	106-1	-0.45	0.10	-0.53	-0.29		ppb
Cadmium	108-1	0.04	0.04	0.03	0.03	19.00	ppb
Calcium	43-1	2.05	0.39	1.56	1.33	64.27	ppb
Calcium	44-1	1.02	0.66	0.26	0.65	58.86	ppb
Chromium	52-2	0.02	0.00	-0.03	0.00		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	134.01	ppb
Copper	63-2	0.07	0.05	0.04	0.06	24.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	0.98	0.96	0.91	0.95	3.85	ppb
Iron	57-2	0.94	0.72	0.63	0.76	21.10	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	8.40	ppb
Lead	207-1	0.05	0.03	0.04	0.04	18.54	ppb
Lead	208-1	0.04	0.04	0.04	0.04	8.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.08	0.70	0.47	0.75	40.69	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:48:00	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.03	0.02	0.03	32.61	ppb
Molybdenum	94-1	0.06	0.04	0.07	0.05	22.71	ppb
Molybdenum	95-1	0.11	0.09	0.08	0.09	18.47	ppb
Molybdenum	96-1	0.10	0.07	0.07	0.08	21.71	ppb
Molybdenum	97-1	0.10	0.08	0.07	0.08	15.85	ppb
Molybdenum	98-1	0.11	0.08	0.08	0.09	19.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	18.60	ppb
Phosphorus	31-2	-31.50	-29.01	-34.42	-31.64		ppb
Potassium	39-2	6.54	5.11	7.12	6.26	16.54	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	-0.06	0.11	-0.06	0.00		ppb
Selenium	78-2	0.00	0.08	0.16	0.08	102.91	ppb
Selenium	82-1	-0.05	-0.05	-0.30	-0.13		ppb
Silicon	28-1	0.11	0.12	0.12	0.12	4.73	ppb
Silver	109-1	0.00	0.00	0.00	0.00	41.94	ppb
Silver	107-1	0.00	0.00	0.01	0.00	92.53	ppb
Sodium	23-2	10.52	10.65	10.34	10.50	1.49	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	67.17	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	53.21	ppb
Sulfur	34-1	-362.48	-402.41	-383.75	-382.88		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.02	0.02	8.35	ppb
Thallium	205-1	0.03	0.02	0.03	0.02	4.78	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	3.26	ppb
Tin	118-1	0.10	0.11	0.09	0.10	14.89	ppb
Titanium	47-1	0.05	0.07	0.05	0.06	11.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	40.23	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	110.41	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:48:00	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.25	0.27	0.29	0.27	7.86	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	1617.10	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	638.52	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:51:38 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103141.08	93234.04	87433.07	94602.73	8.40	ppb
Antimony	121-1	1.01	1.04	0.99	1.01	2.37	ppb
Arsenic	75-2	0.38	0.30	0.29	0.32	14.20	ppb
Barium	135-1	1.42	1.40	1.37	1.40	1.92	ppb
Barium	137-1	1.45	1.44	1.38	1.42	2.93	ppb
Beryllium	9-1	0.28	0.28	0.28	0.28	0.23	ppb
Bismuth	209-1				93		%
Bismuth	209-2				82		%
Boron	10-1	2.87	2.91	2.74	2.84	3.28	ppb
Boron	11-1	2.80	2.69	2.49	2.66	5.97	ppb
Cadmium	111-1	0.50	0.41	0.40	0.44	13.42	ppb
Cadmium	106-1	-0.67	-1.29	-1.25	-1.07		ppb
Cadmium	108-1	14.26	13.86	13.30	13.81	3.50	ppb
Calcium	43-1	91566.23	90235.40	87966.74	89922.79	2.02	ppb
Calcium	44-1	92116.10	91199.74	86875.30	90063.71	3.11	ppb
Chromium	52-2	46.74	42.61	39.42	42.92	8.55	ppb
Cobalt	59-2	1.31	1.18	1.11	1.20	8.72	ppb
Copper	63-2	8.78	8.03	7.40	8.07	8.55	ppb
Dysprosium	156-1						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				94		%
Indium	115-1				100		%
Indium	115-2				88		%
Iron	56-2	118728.16	106928.86	100106.60	108587.88	8.68	ppb
Iron	57-2	118914.44	107561.71	100250.04	108908.73	8.64	ppb
Krypton	83-1						cps
Lead	206-1	4.68	4.74	4.59	4.67	1.60	ppb
Lead	207-1	4.04	4.09	3.99	4.04	1.16	ppb
Lead	208-1	4.31	4.34	4.25	4.30	1.15	ppb
Lithium	6-1				98		%
Magnesium	24-2	114138.32	104031.63	97065.79	105078.58	8.17	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:51:38	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.79	7.96	7.54	8.10	7.89	ppb
Molybdenum	94-1	1265.75	1268.95	1213.11	1249.27	2.51	ppb
Molybdenum	95-1	1825.69	1817.21	1749.24	1797.38	2.33	ppb
Molybdenum	96-1	1764.88	1754.88	1699.63	1739.80	2.02	ppb
Molybdenum	97-1	1824.45	1824.75	1761.28	1803.49	2.03	ppb
Molybdenum	98-1	1827.69	1827.86	1752.94	1802.83	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.05	5.43	5.15	5.54	8.34	ppb
Phosphorus	31-2	110733.79	101042.90	94783.46	102186.71	7.86	ppb
Potassium	39-2	111758.10	101438.69	95193.87	102796.89	8.14	ppb
Rhodium	103-1				96		%
Rhodium	103-2				87		%
Scandium	45-1				105		%
Scandium	45-2				94		%
Selenium	77-2	0.16	-0.06	-0.06	0.01	1002.56	ppb
Selenium	78-2	-0.01	0.26	-0.09	0.05	341.74	ppb
Selenium	82-1	0.05	0.11	-0.27	-0.04		ppb
Silicon	28-1	15.67	15.57	14.22	15.15	5.32	ppb
Silver	109-1	0.04	0.04	0.04	0.04	5.77	ppb
Silver	107-1	0.04	0.04	0.04	0.04	4.94	ppb
Sodium	23-2	111525.33	100573.39	94917.78	102338.83	8.25	ppb
Strontium	86-1	31.01	30.61	30.59	30.74	0.77	ppb
Strontium	88-1	31.69	31.80	30.34	31.28	2.60	ppb
Sulfur	34-1	78751.27	78147.89	74379.11	77092.76	3.07	ppb
Terbium	159-1				105		%
Terbium	159-2				94		%
Thallium	203-1	0.08	0.07	0.07	0.07	4.99	ppb
Thallium	205-1	0.07	0.08	0.09	0.08	10.38	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	2.61	ppb
Tin	118-1	0.22	0.23	0.19	0.21	8.84	ppb
Titanium	47-1	1898.59	1872.81	1788.26	1853.22	3.11	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	7.92	ppb
Vanadium	51-2	0.16	0.21	0.16	0.18	15.00	ppb
Yttrium	89-1				105		%
Yttrium	89-2				92		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:51:38	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.89	13.39	12.27	13.52	9.71	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	15.28	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	16.31	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:55:15	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86474.90	86950.35	86683.83	86703.03	0.27	ppb
Antimony	121-1	19.69	19.79	20.01	19.83	0.82	ppb
Arsenic	75-2	18.96	19.14	18.93	19.01	0.61	ppb
Barium	135-1	20.36	21.20	20.92	20.83	2.06	ppb
Barium	137-1	20.55	20.72	20.88	20.71	0.79	ppb
Beryllium	9-1	19.07	19.34	19.32	19.24	0.78	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	57.21	56.75	56.85	56.94	0.43	ppb
Boron	11-1	55.48	56.45	56.83	56.25	1.24	ppb
Cadmium	111-1	19.61	19.81	19.69	19.70	0.50	ppb
Cadmium	106-1	25.62	25.54	25.09	25.41	1.13	ppb
Cadmium	108-1	35.97	36.25	37.30	36.51	1.93	ppb
Calcium	43-1	93618.66	93970.06	93734.29	93774.34	0.19	ppb
Calcium	44-1	93225.08	92949.60	93966.25	93380.31	0.56	ppb
Chromium	52-2	56.58	55.94	55.61	56.04	0.88	ppb
Cobalt	59-2	19.80	19.70	19.68	19.72	0.33	ppb
Copper	63-2	26.26	26.24	26.39	26.30	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				106		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	99526.39	98913.51	98040.46	98826.79	0.76	ppb
Iron	57-2	99577.50	99494.95	98823.07	99298.51	0.42	ppb
Krypton	83-1						cps
Lead	206-1	24.19	24.32	24.50	24.34	0.65	ppb
Lead	207-1	22.37	22.16	22.38	22.30	0.54	ppb
Lead	208-1	23.05	23.11	23.19	23.12	0.32	ppb
Lithium	6-1				99		%
Magnesium	24-2	96381.04	96329.11	96008.49	96239.55	0.21	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:55:15	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.97	26.04	25.97	25.99	0.15	ppb
Molybdenum	94-1	1399.65	1414.00	1403.35	1405.66	0.53	ppb
Molybdenum	95-1	1903.25	1910.79	1905.12	1906.39	0.21	ppb
Molybdenum	96-1	1848.53	1844.85	1865.34	1852.91	0.59	ppb
Molybdenum	97-1	1898.58	1919.76	1927.65	1915.33	0.78	ppb
Molybdenum	98-1	1895.79	1913.18	1912.17	1907.05	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.95	23.69	23.85	23.83	0.56	ppb
Phosphorus	31-2	94147.41	93542.76	93308.02	93666.06	0.46	ppb
Potassium	39-2	95635.12	94784.66	94973.94	95131.24	0.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	18.75	21.16	16.58	18.83	12.18	ppb
Selenium	78-2	19.85	17.62	16.81	18.09	8.70	ppb
Selenium	82-1	18.32	18.20	18.57	18.36	1.05	ppb
Silicon	28-1	53.59	54.29	54.26	54.05	0.72	ppb
Silver	109-1	18.33	18.44	18.71	18.50	1.07	ppb
Silver	107-1	18.28	18.34	18.61	18.41	0.97	ppb
Sodium	23-2	94709.41	94596.76	94386.29	94564.15	0.17	ppb
Strontium	86-1	83.75	84.93	84.39	84.36	0.70	ppb
Strontium	88-1	83.82	85.05	84.77	84.55	0.77	ppb
Sulfur	34-1	80679.69	80396.30	80307.79	80461.26	0.24	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	19.35	19.60	19.49	19.48	0.64	ppb
Thallium	205-1	19.63	19.53	19.70	19.62	0.44	ppb
Thorium	232-1	0.41	0.41	0.42	0.41	1.53	ppb
Tin	118-1	50.69	51.00	51.44	51.04	0.73	ppb
Titanium	47-1	1984.00	1955.96	1967.75	1969.24	0.71	ppb
Uranium	238-1	51.54	52.50	51.58	51.87	1.05	ppb
Vanadium	51-2	18.76	18.88	18.92	18.85	0.42	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:55:15	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	31.23	31.07	31.09	31.13	0.29	ppb
Zirconium	90-1	52.07	52.73	52.91	52.57	0.84	ppb
Zirconium	91-1	52.22	52.85	52.77	52.61	0.65	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P7
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:58:59	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52868.08	51966.03	51528.54	52120.88	1.31	ppb
Antimony	121-1	489.63	494.80	501.41	495.28	1.19	ppb
Arsenic	75-2	499.94	485.93	486.90	490.92	1.59	ppb
Barium	135-1	2530.70	2542.37	2590.03	2554.36	1.23	ppb
Barium	137-1	2515.22	2531.19	2583.85	2543.42	1.41	ppb
Beryllium	9-1	494.03	499.20	497.03	496.76	0.52	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Boron	10-1	479.61	494.29	498.84	490.91	2.05	ppb
Boron	11-1	484.29	498.50	506.21	496.33	2.24	ppb
Cadmium	111-1	472.62	476.47	489.71	479.60	1.87	ppb
Cadmium	106-1	481.80	483.05	495.85	486.90	1.60	ppb
Cadmium	108-1	479.81	484.65	490.49	484.98	1.10	ppb
Calcium	43-1	237401.99	236815.78	237784.81	237334.19	0.21	ppb
Calcium	44-1	236807.42	238128.84	237274.41	237403.56	0.28	ppb
Chromium	52-2	500.45	495.28	492.42	496.05	0.82	ppb
Cobalt	59-2	477.46	471.01	471.17	473.21	0.78	ppb
Copper	63-2	939.04	928.14	922.72	929.97	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	126298.45	123755.72	123240.45	124431.54	1.32	ppb
Iron	57-2	127462.68	124815.15	124183.90	125487.24	1.39	ppb
Krypton	83-1						cps
Lead	206-1	515.42	517.29	513.87	515.53	0.33	ppb
Lead	207-1	510.67	514.25	513.89	512.94	0.38	ppb
Lead	208-1	511.83	515.15	513.60	513.53	0.32	ppb
Lithium	6-1				100		%
Magnesium	24-2	256946.28	255591.52	254829.02	255788.94	0.42	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P7
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:58:59	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	973.50	968.35	958.60	966.82	0.78	ppb
Molybdenum	94-1	2487.16	2531.63	2519.69	2512.83	0.92	ppb
Molybdenum	95-1	2493.99	2536.10	2517.13	2515.74	0.84	ppb
Molybdenum	96-1	2500.07	2530.12	2521.47	2517.22	0.61	ppb
Molybdenum	97-1	2485.95	2511.69	2520.49	2506.04	0.72	ppb
Molybdenum	98-1	2502.41	2506.91	2494.16	2501.16	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.17	473.77	474.21	476.72	0.99	ppb
Phosphorus	31-2	10243.35	10086.14	10168.88	10166.12	0.77	ppb
Potassium	39-2	126369.27	125166.89	122986.28	124840.81	1.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	77-2	480.50	464.05	467.30	470.62	1.85	ppb
Selenium	78-2	491.90	473.09	487.24	484.08	2.02	ppb
Selenium	82-1	463.61	467.42	473.53	468.19	1.07	ppb
Silicon	28-1	400.00	416.33	426.66	414.33	3.24	ppb
Silver	109-1	479.34	482.15	492.22	484.57	1.40	ppb
Silver	107-1	480.96	483.69	488.72	484.46	0.81	ppb
Sodium	23-2	249884.77	247381.88	246681.54	247982.73	0.68	ppb
Strontium	86-1	495.63	500.92	505.56	500.70	0.99	ppb
Strontium	88-1	498.85	505.72	505.28	503.28	0.76	ppb
Sulfur	34-1	9787.45	9984.26	9941.81	9904.50	1.05	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	521.17	525.53	520.95	522.55	0.49	ppb
Thallium	205-1	518.75	517.64	520.54	518.97	0.28	ppb
Thorium	232-1	524.43	520.26	526.28	523.66	0.59	ppb
Tin	118-1	503.34	504.40	514.46	507.40	1.21	ppb
Titanium	47-1	2500.82	2508.51	2505.92	2505.08	0.16	ppb
Uranium	238-1	520.96	516.91	523.82	520.56	0.67	ppb
Vanadium	51-2	508.03	501.59	494.58	501.40	1.34	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P7
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:58:59	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	885.42	876.37	874.57	878.79	0.66	ppb
Zirconium	90-1	505.94	504.92	505.66	505.51	0.10	ppb
Zirconium	91-1	498.33	502.30	505.10	501.91	0.68	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:04:56	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.13	18.65	20.43	19.40	4.75	ppb
Antimony	121-1	1.99	1.98	2.02	2.00	1.22	ppb
Arsenic	75-2	0.96	0.98	0.97	0.97	1.22	ppb
Barium	135-1	9.38	9.91	9.64	9.64	2.77	ppb
Barium	137-1	9.58	9.65	9.67	9.64	0.48	ppb
Beryllium	9-1	0.92	1.00	0.98	0.97	4.18	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	27.00	28.07	28.21	27.76	2.40	ppb
Boron	11-1	27.16	27.26	27.81	27.41	1.27	ppb
Cadmium	111-1	1.08	1.02	1.11	1.07	4.26	ppb
Cadmium	106-1	1.42	0.20	1.44	1.02	69.47	ppb
Cadmium	108-1	1.00	1.02	1.20	1.07	10.23	ppb
Calcium	43-1	450.39	455.76	443.30	449.82	1.39	ppb
Calcium	44-1	453.30	456.13	457.21	455.55	0.44	ppb
Chromium	52-2	2.05	1.84	2.07	1.98	6.43	ppb
Cobalt	59-2	0.98	0.93	1.04	0.98	5.27	ppb
Copper	63-2	2.23	2.05	2.38	2.22	7.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	56-2	56.91	52.03	59.06	56.00	6.43	ppb
Iron	57-2	58.17	54.57	62.08	58.27	6.44	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.89	0.93	0.91	2.07	ppb
Lead	207-1	0.87	0.91	0.85	0.87	3.38	ppb
Lead	208-1	0.89	0.89	0.90	0.89	0.30	ppb
Lithium	6-1				109		%
Magnesium	24-2	516.74	483.20	542.72	514.22	5.80	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:04:56	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	0.91	1.07	1.00	8.39	ppb
Molybdenum	94-1	4.86	5.02	4.84	4.91	2.04	ppb
Molybdenum	95-1	5.14	4.97	5.04	5.05	1.65	ppb
Molybdenum	96-1	4.97	5.02	4.98	4.99	0.51	ppb
Molybdenum	97-1	5.10	4.95	5.05	5.03	1.48	ppb
Molybdenum	98-1	4.95	5.06	4.94	4.99	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	0.95	1.08	1.04	7.70	ppb
Phosphorus	31-2	35.31	26.12	15.33	25.59	39.08	ppb
Potassium	39-2	498.23	456.73	520.21	491.72	6.56	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				116		%
Scandium	45-2				113		%
Selenium	77-2	5.28	5.72	5.51	5.50	4.01	ppb
Selenium	78-2	5.46	5.86	6.45	5.92	8.42	ppb
Selenium	82-1	5.45	5.31	5.40	5.39	1.35	ppb
Silicon	28-1	6.43	6.55	6.41	6.46	1.21	ppb
Silver	109-1	1.03	1.06	1.05	1.05	1.09	ppb
Silver	107-1	1.04	1.06	1.09	1.06	2.35	ppb
Sodium	23-2	499.67	458.82	518.59	492.36	6.20	ppb
Strontium	86-1	0.88	0.87	0.92	0.89	2.75	ppb
Strontium	88-1	0.92	0.91	0.92	0.92	0.77	ppb
Sulfur	34-1	-420.43	-401.27	-398.85	-406.85		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.94	0.93	0.94	0.93	0.62	ppb
Thallium	205-1	0.94	0.94	0.94	0.94	0.29	ppb
Thorium	232-1	0.82	0.84	0.82	0.83	1.29	ppb
Tin	118-1	5.18	5.23	5.34	5.25	1.56	ppb
Titanium	47-1	4.95	4.75	4.82	4.84	2.07	ppb
Uranium	238-1	0.82	0.82	0.79	0.81	1.98	ppb
Vanadium	51-2	5.17	4.65	5.20	5.01	6.17	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:04:56	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.19	2.11	2.37	2.22	6.15	ppb
Zirconium	90-1	0.95	0.95	0.96	0.95	0.61	ppb
Zirconium	91-1	0.97	0.97	0.96	0.97	0.58	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P7
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:08:31	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.54	0.25	0.34	51.81	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	12.29	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	139.63	ppb
Barium	135-1	0.02	0.01	0.01	0.02	26.63	ppb
Barium	137-1	0.02	0.01	0.02	0.01	18.73	ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	45.69	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	3.35	3.08	2.98	3.14	6.11	ppb
Boron	11-1	3.27	3.34	3.23	3.28	1.83	ppb
Cadmium	111-1	0.01	0.06	-0.02	0.01	266.73	ppb
Cadmium	106-1	0.13	0.49	-0.47	0.05	1014.45	ppb
Cadmium	108-1	0.07	0.01	0.05	0.05	63.72	ppb
Calcium	43-1	2.24	2.81	1.62	2.22	26.88	ppb
Calcium	44-1	1.28	1.14	0.98	1.13	12.91	ppb
Chromium	52-2	0.03	0.05	0.04	0.04	30.28	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	34.12	ppb
Copper	63-2	0.17	0.14	0.14	0.15	10.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	1.35	1.31	1.31	1.33	1.62	ppb
Iron	57-2	1.33	0.95	0.78	1.02	27.45	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.02	0.02	15.90	ppb
Lead	207-1	0.02	0.01	0.01	0.02	11.92	ppb
Lead	208-1	0.01	0.02	0.02	0.02	13.98	ppb
Lithium	6-1				108		%
Magnesium	24-2	1.99	1.74	1.80	1.84	7.11	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P7
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:08:31	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.00	0.00	157.29	ppb
Molybdenum	94-1	0.07	0.08	0.06	0.07	8.30	ppb
Molybdenum	95-1	0.11	0.10	0.10	0.10	7.47	ppb
Molybdenum	96-1	0.10	0.10	0.08	0.10	12.21	ppb
Molybdenum	97-1	0.11	0.10	0.09	0.10	11.57	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.00	0.01	97.38	ppb
Phosphorus	31-2	-35.80	-29.20	-27.47	-30.82		ppb
Potassium	39-2	14.96	13.82	13.83	14.20	4.63	ppb
Rhodium	103-1				112		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	77-2	-0.06	0.10	-0.06	-0.01		ppb
Selenium	78-2	-0.32	0.13	-0.01	-0.07		ppb
Selenium	82-1	0.13	-0.03	-0.06	0.02	626.39	ppb
Silicon	28-1	0.04	-0.06	-0.18	-0.07		ppb
Silver	109-1	0.02	0.01	0.01	0.01	39.41	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.57	ppb
Sodium	23-2	15.76	14.84	14.52	15.04	4.30	ppb
Strontium	86-1	-0.01	-0.02	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	33.94	ppb
Sulfur	34-1	-311.13	-324.10	-326.99	-320.74		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.03	0.03	0.03	8.24	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	4.06	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	1.94	ppb
Tin	118-1	0.06	0.07	0.06	0.06	11.62	ppb
Titanium	47-1	0.03	0.01	0.04	0.03	61.22	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.57	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	25.16	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P7
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:08:31	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	-0.04	0.02	-0.01		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	64.27	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	37.18	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:12:08	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.91	18.34	19.25	19.17	4.11	ppb
Antimony	121-1	1.97	1.97	1.92	1.95	1.44	ppb
Arsenic	75-2	1.04	0.94	0.96	0.98	5.64	ppb
Barium	135-1	9.79	9.77	9.58	9.72	1.19	ppb
Barium	137-1	9.72	9.77	9.58	9.69	1.05	ppb
Beryllium	9-1	1.00	1.02	0.97	1.00	2.56	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	24.73	25.48	25.94	25.38	2.41	ppb
Boron	11-1	24.83	25.07	25.38	25.09	1.09	ppb
Cadmium	111-1	1.07	1.06	1.01	1.05	3.19	ppb
Cadmium	106-1	1.23	1.37	1.25	1.28	5.80	ppb
Cadmium	108-1	1.14	1.03	1.17	1.11	6.52	ppb
Calcium	43-1	456.71	468.24	478.36	467.77	2.32	ppb
Calcium	44-1	454.44	458.14	451.47	454.68	0.73	ppb
Chromium	52-2	1.89	1.92	1.89	1.90	0.88	ppb
Cobalt	59-2	0.95	0.93	0.91	0.93	1.76	ppb
Copper	63-2	2.10	2.13	2.17	2.14	1.62	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				108		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	56-2	53.11	53.82	52.91	53.28	0.91	ppb
Iron	57-2	53.49	53.35	53.69	53.51	0.32	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.92	0.95	0.91	5.25	ppb
Lead	207-1	0.85	0.87	0.84	0.85	1.58	ppb
Lead	208-1	0.87	0.89	0.89	0.88	1.55	ppb
Lithium	6-1				109		%
Magnesium	24-2	494.92	496.90	501.11	497.64	0.63	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:12:08	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	1.00	0.98	1.00	2.22	ppb
Molybdenum	94-1	4.94	4.84	4.87	4.88	1.12	ppb
Molybdenum	95-1	4.83	4.89	4.88	4.87	0.63	ppb
Molybdenum	96-1	4.82	4.89	4.78	4.83	1.18	ppb
Molybdenum	97-1	4.88	4.93	4.89	4.90	0.51	ppb
Molybdenum	98-1	4.88	4.82	4.86	4.86	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.10	1.06	1.05	5.50	ppb
Phosphorus	31-2	17.72	20.79	22.08	20.20	11.08	ppb
Potassium	39-2	474.74	477.25	472.63	474.88	0.49	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	77-2	3.60	5.16	6.04	4.93	25.09	ppb
Selenium	78-2	4.88	5.46	4.69	5.01	8.00	ppb
Selenium	82-1	5.34	5.42	5.33	5.36	0.86	ppb
Silicon	28-1	6.49	6.74	6.70	6.64	2.05	ppb
Silver	109-1	1.07	1.08	1.02	1.06	2.74	ppb
Silver	107-1	1.05	1.05	1.06	1.05	0.56	ppb
Sodium	23-2	471.10	473.23	473.69	472.67	0.29	ppb
Strontium	86-1	0.86	0.89	0.90	0.89	2.28	ppb
Strontium	88-1	0.92	0.92	0.93	0.93	0.75	ppb
Sulfur	34-1	-133.65	-96.28	-86.63	-105.52		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.88	0.88	0.89	0.88	0.68	ppb
Thallium	205-1	0.89	0.91	0.92	0.91	1.40	ppb
Thorium	232-1	0.80	0.81	0.81	0.81	0.10	ppb
Tin	118-1	5.54	5.45	5.50	5.49	0.80	ppb
Titanium	47-1	4.74	4.76	4.65	4.72	1.30	ppb
Uranium	238-1	0.79	0.80	0.79	0.79	1.24	ppb
Vanadium	51-2	4.81	4.81	4.87	4.83	0.69	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:12:08	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.35	2.01	2.22	2.19	7.80	ppb
Zirconium	90-1	0.89	0.92	0.93	0.91	2.05	ppb
Zirconium	91-1	0.92	0.92	0.94	0.92	1.20	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : PB116542BL Instrumnet Name : P7
 Client Sample ID : PB116542BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:15:43 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	-0.01	0.20	0.01	1741.58	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	15.15	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	52.93	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.00	134.06	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	4.22	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	2.52	2.38	2.52	2.47	3.30	ppb
Boron	11-1	2.27	2.31	2.21	2.27	2.12	ppb
Cadmium	111-1	0.03	0.06	0.07	0.06	46.38	ppb
Cadmium	106-1	0.26	0.78	0.91	0.65	53.27	ppb
Cadmium	108-1	0.04	0.01	0.12	0.06	92.72	ppb
Calcium	43-1	0.81	0.80	0.20	0.60	57.70	ppb
Calcium	44-1	-0.06	-0.41	-0.15	-0.20		ppb
Chromium	52-2	0.03	0.02	0.04	0.03	28.35	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	14.52	ppb
Copper	63-2	0.11	0.13	0.11	0.12	7.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	0.41	0.51	0.34	0.42	20.37	ppb
Iron	57-2	0.06	0.12	0.17	0.12	46.08	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	31.18	ppb
Lead	207-1	0.01	0.01	0.01	0.01	4.76	ppb
Lead	208-1	0.01	0.01	0.01	0.01	9.03	ppb
Lithium	6-1				110		%
Magnesium	24-2	0.50	0.57	0.74	0.60	20.09	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116542BL	Instrumnet Name :	P7
Client Sample ID :	PB116542BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:15:43	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	281.73	ppb
Molybdenum	94-1	0.02	0.03	0.01	0.02	52.24	ppb
Molybdenum	95-1	0.03	0.03	0.05	0.04	28.31	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	20.00	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	8.99	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	8.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	274.39	ppb
Phosphorus	31-2	-21.16	-27.54	-23.97	-24.22		ppb
Potassium	39-2	10.29	8.94	7.85	9.03	13.51	ppb
Rhodium	103-1				111		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				114		%
Selenium	77-2	-0.06	-0.06	-0.06	-0.06		ppb
Selenium	78-2	-0.04	0.12	-0.12	-0.01		ppb
Selenium	82-1	0.05	0.02	0.18	0.08	106.53	ppb
Silicon	28-1	-0.38	-0.31	-0.35	-0.35		ppb
Silver	109-1	0.00	0.00	0.00	0.00	18.06	ppb
Silver	107-1	0.01	0.00	0.00	0.00	42.39	ppb
Sodium	23-2	10.78	9.10	8.89	9.59	10.85	ppb
Strontium	86-1	-0.03	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	74.62	ppb
Sulfur	34-1	-95.66	-129.74	-130.61	-118.67		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.02	0.01	0.02	27.20	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	10.70	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	14.27	ppb
Tin	118-1	0.01	0.01	0.01	0.01	7.67	ppb
Titanium	47-1	0.02	0.02	0.02	0.02	19.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	84.88	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116542BL	Instrumnet Name :	P7
Client Sample ID :	PB116542BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:15:43	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.10	0.17	0.10	0.12	35.13	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	95.16	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116542BS	Instrumnet Name :	P7
Client Sample ID :	PB116542BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:19:20	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9682.00	9519.61	9642.91	9614.84	0.88	ppb
Antimony	121-1	524.54	518.05	513.11	518.57	1.11	ppb
Arsenic	75-2	515.67	513.18	513.66	514.17	0.26	ppb
Barium	135-1	2580.02	2549.27	2547.93	2559.07	0.71	ppb
Barium	137-1	2556.48	2552.35	2520.12	2542.98	0.78	ppb
Beryllium	9-1	506.24	506.63	507.62	506.83	0.14	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	501.28	502.46	511.47	505.07	1.10	ppb
Boron	11-1	501.04	498.48	508.93	502.82	1.08	ppb
Cadmium	111-1	527.75	531.85	528.00	529.20	0.43	ppb
Cadmium	106-1	532.04	537.55	528.26	532.62	0.88	ppb
Cadmium	108-1	531.34	540.69	528.86	533.63	1.17	ppb
Calcium	43-1	50159.59	49164.60	49499.04	49607.74	1.02	ppb
Calcium	44-1	50062.76	49064.72	48688.82	49272.10	1.44	ppb
Chromium	52-2	498.64	492.69	494.94	495.42	0.61	ppb
Cobalt	59-2	491.08	487.03	495.24	491.12	0.84	ppb
Copper	63-2	1013.28	995.63	1002.89	1003.94	0.88	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				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	26219.56	25909.22	26161.97	26096.92	0.63	ppb
Iron	57-2	25689.34	25494.42	26150.71	25778.16	1.31	ppb
Krypton	83-1						cps
Lead	206-1	500.90	497.51	498.00	498.80	0.37	ppb
Lead	207-1	495.37	492.01	496.23	494.54	0.45	ppb
Lead	208-1	497.11	495.43	494.67	495.74	0.25	ppb
Lithium	6-1				105		%
Magnesium	24-2	53999.00	52710.69	53786.65	53498.78	1.29	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116542BS	Instrumnet Name :	P7
Client Sample ID :	PB116542BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:19:20	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.16	982.21	989.17	986.18	0.36	ppb
Molybdenum	94-1	2514.18	2473.07	2478.50	2488.59	0.90	ppb
Molybdenum	95-1	2523.33	2482.14	2463.85	2489.77	1.22	ppb
Molybdenum	96-1	2522.81	2491.79	2504.36	2506.32	0.62	ppb
Molybdenum	97-1	2523.75	2492.74	2478.57	2498.35	0.92	ppb
Molybdenum	98-1	2512.37	2493.33	2487.27	2497.66	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.01	502.79	513.24	506.68	1.13	ppb
Phosphorus	31-2	10363.96	10133.95	10307.01	10268.31	1.17	ppb
Potassium	39-2	24567.52	24161.29	24574.38	24434.40	0.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	511.47	499.71	527.30	512.83	2.70	ppb
Selenium	78-2	522.04	513.16	519.66	518.29	0.89	ppb
Selenium	82-1	520.67	513.00	514.81	516.16	0.78	ppb
Silicon	28-1	589.71	597.65	620.45	602.60	2.65	ppb
Silver	109-1	538.97	533.81	524.86	532.55	1.34	ppb
Silver	107-1	540.09	529.32	524.35	531.25	1.52	ppb
Sodium	23-2	50101.94	49046.96	49549.71	49566.21	1.06	ppb
Strontium	86-1	501.85	497.89	497.90	499.21	0.46	ppb
Strontium	88-1	508.00	501.75	499.08	502.95	0.91	ppb
Sulfur	34-1	10635.60	10378.64	10393.11	10469.12	1.38	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	496.09	494.40	503.77	498.09	1.00	ppb
Thallium	205-1	499.03	493.68	498.59	497.10	0.60	ppb
Thorium	232-1	486.00	482.32	483.96	484.09	0.38	ppb
Tin	118-1	522.94	513.98	513.88	516.93	1.01	ppb
Titanium	47-1	2506.37	2493.00	2494.74	2498.04	0.29	ppb
Uranium	238-1	490.72	480.66	481.31	484.23	1.16	ppb
Vanadium	51-2	496.39	487.03	498.17	493.86	1.21	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116542BS	Instrumnet Name :	P7
Client Sample ID :	PB116542BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:19:20	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1017.87	1006.23	1019.35	1014.48	0.71	ppb
Zirconium	90-1	503.88	498.39	492.74	498.34	1.12	ppb
Zirconium	91-1	500.19	491.91	493.99	495.36	0.87	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1207-01	Instrumnet Name :	P7
Client Sample ID :	390109098.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:22:58	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.06	2.32	2.02	2.47	21.72	ppb
Antimony	121-1	0.23	0.24	0.23	0.23	3.08	ppb
Arsenic	75-2	0.58	0.57	0.66	0.61	8.45	ppb
Barium	135-1	101.48	102.16	103.14	102.26	0.81	ppb
Barium	137-1	101.87	102.04	102.75	102.22	0.45	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	8.41	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	78.62	82.33	80.24	80.40	2.32	ppb
Boron	11-1	80.45	81.72	81.29	81.15	0.79	ppb
Cadmium	111-1	0.05	0.02	0.05	0.04	35.76	ppb
Cadmium	106-1	-0.05	-0.27	-0.03	-0.12		ppb
Cadmium	108-1	0.22	0.18	0.06	0.15	52.21	ppb
Calcium	43-1	44120.84	44150.38	43646.47	43972.57	0.64	ppb
Calcium	44-1	43993.70	43736.11	43550.08	43759.96	0.51	ppb
Chromium	52-2	0.54	0.49	0.52	0.52	4.51	ppb
Cobalt	59-2	0.05	0.05	0.05	0.05	5.73	ppb
Copper	63-2	31.80	31.94	31.84	31.86	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	4.59	4.78	4.65	4.67	2.12	ppb
Iron	57-2	82.74	81.99	81.78	82.17	0.61	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.07	0.08	9.62	ppb
Lead	207-1	0.07	0.07	0.08	0.07	7.56	ppb
Lead	208-1	0.08	0.07	0.08	0.08	4.93	ppb
Lithium	6-1				107		%
Magnesium	24-2	10221.11	10195.61	10181.57	10199.43	0.20	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1207-01	Instrumnet Name :	P7
Client Sample ID :	390109098.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:22:58	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.19	0.18	0.19	0.19	1.69	ppb
Molybdenum	94-1	0.94	0.85	0.78	0.86	8.95	ppb
Molybdenum	95-1	1.25	1.15	1.04	1.15	8.81	ppb
Molybdenum	96-1	1.19	1.11	1.05	1.12	6.19	ppb
Molybdenum	97-1	1.30	1.16	1.15	1.20	6.87	ppb
Molybdenum	98-1	1.26	1.18	1.11	1.18	6.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.73	0.77	0.73	4.48	ppb
Phosphorus	31-2	289.30	292.89	282.22	288.14	1.88	ppb
Potassium	39-2	1717.19	1704.09	1691.33	1704.20	0.76	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	77-2	0.11	0.28	0.45	0.28	60.10	ppb
Selenium	78-2	0.05	0.26	0.17	0.16	68.20	ppb
Selenium	82-1	0.42	0.55	0.35	0.44	22.33	ppb
Silicon	28-1	4408.62	4409.07	4344.79	4387.49	0.84	ppb
Silver	109-1	0.04	0.04	0.04	0.04	10.24	ppb
Silver	107-1	0.04	0.04	0.04	0.04	11.14	ppb
Sodium	23-2	31150.15	30750.77	31142.05	31014.32	0.74	ppb
Strontium	86-1	311.79	313.17	314.84	313.27	0.49	ppb
Strontium	88-1	315.49	314.72	317.73	315.98	0.50	ppb
Sulfur	34-1	9745.54	9679.62	9607.55	9677.57	0.71	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.08	0.06	0.07	0.07	10.34	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	3.33	ppb
Thorium	232-1	0.07	0.06	0.05	0.06	13.41	ppb
Tin	118-1	0.16	0.15	0.15	0.15	1.45	ppb
Titanium	47-1	0.80	0.74	0.77	0.77	3.81	ppb
Uranium	238-1	0.97	0.98	0.97	0.97	0.81	ppb
Vanadium	51-2	2.20	2.24	2.28	2.24	1.96	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1207-01	Instrumnet Name :	P7
Client Sample ID :	390109098.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:22:58	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	304.89	302.67	303.08	303.55	0.39	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	11.68	ppb
Zirconium	91-1	0.05	0.05	0.03	0.04	21.11	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1208-01	Instrumnet Name :	P7
Client Sample ID :	390111083.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:26:34	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.65	19.51	18.90	18.35	8.21	ppb
Antimony	121-1	0.99	0.97	1.01	0.99	2.15	ppb
Arsenic	75-2	0.83	0.75	0.74	0.77	6.51	ppb
Barium	135-1	531.50	531.25	528.86	530.54	0.28	ppb
Barium	137-1	536.18	525.62	526.25	529.35	1.12	ppb
Beryllium	9-1	0.02	0.02	0.03	0.03	20.14	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	686.13	684.96	697.56	689.55	1.01	ppb
Boron	11-1	696.16	705.92	708.65	703.58	0.93	ppb
Cadmium	111-1	2.42	2.25	2.32	2.33	3.79	ppb
Cadmium	106-1	3.01	2.63	2.98	2.87	7.29	ppb
Cadmium	108-1	2.31	2.63	2.45	2.46	6.58	ppb
Calcium	43-1	108540.05	107498.67	107364.67	107801.13	0.60	ppb
Calcium	44-1	108618.10	106941.46	106976.80	107512.12	0.89	ppb
Chromium	52-2	1.25	1.19	1.24	1.23	2.44	ppb
Cobalt	59-2	0.64	0.65	0.64	0.64	1.35	ppb
Copper	63-2	4471.90	4457.63	4447.11	4458.88	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	538.70	538.67	535.40	537.59	0.35	ppb
Iron	57-2	735.82	728.18	733.87	732.62	0.54	ppb
Krypton	83-1						cps
Lead	206-1	434.92	425.11	432.22	430.75	1.18	ppb
Lead	207-1	402.00	392.31	400.91	398.40	1.33	ppb
Lead	208-1	417.07	408.34	412.82	412.74	1.06	ppb
Lithium	6-1				106		%
Magnesium	24-2	28570.01	28392.01	28297.79	28419.94	0.49	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1208-01	Instrumnet Name :	P7
Client Sample ID :	390111083.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:26:34	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5293.33	5198.72	5190.95	5227.67	1.09	ppb
Molybdenum	94-1	0.16	0.14	0.20	0.17	15.63	ppb
Molybdenum	95-1	0.28	0.27	0.27	0.27	2.60	ppb
Molybdenum	96-1	0.20	0.20	0.23	0.21	9.30	ppb
Molybdenum	97-1	0.19	0.17	0.21	0.19	8.84	ppb
Molybdenum	98-1	0.18	0.18	0.20	0.19	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.39	20.53	20.18	20.36	0.88	ppb
Phosphorus	31-2	2.78	18.32	12.25	11.12	70.44	ppb
Potassium	39-2	1245.74	1244.52	1225.10	1238.45	0.94	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	0.82	0.46	0.47	0.58	35.24	ppb
Selenium	78-2	0.55	0.61	0.57	0.57	5.78	ppb
Selenium	82-1	0.40	0.62	0.63	0.55	24.13	ppb
Silicon	28-1	9145.59	9100.54	9059.38	9101.84	0.47	ppb
Silver	109-1	0.36	0.35	0.34	0.35	3.96	ppb
Silver	107-1	0.36	0.36	0.37	0.36	2.04	ppb
Sodium	23-2	39479.25	39320.58	39160.33	39320.05	0.41	ppb
Strontium	86-1	674.57	663.32	667.85	668.58	0.85	ppb
Strontium	88-1	681.63	663.85	669.34	671.61	1.36	ppb
Sulfur	34-1	7648.86	7731.45	7794.10	7724.81	0.94	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.15	0.14	0.14	0.14	3.80	ppb
Thallium	205-1	0.15	0.13	0.15	0.14	4.95	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	20.82	ppb
Tin	118-1	22.99	22.83	22.85	22.89	0.38	ppb
Titanium	47-1	1.21	1.24	1.17	1.21	3.11	ppb
Uranium	238-1	1.79	1.78	1.82	1.80	1.09	ppb
Vanadium	51-2	8.84	8.80	8.69	8.77	0.86	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1208-01	Instrumnet Name :	P7
Client Sample ID :	390111083.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:26:34	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2225.93	2219.29	2238.21	2227.81	0.43	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	1.88	ppb
Zirconium	91-1	0.02	0.00	0.03	0.02	73.26	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01	Instrumnet Name :	P7
Client Sample ID :	390114112	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:30:13	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.04	2.61	2.01	2.22	15.34	ppb
Antimony	121-1	0.12	0.14	0.13	0.13	8.23	ppb
Arsenic	75-2	1.83	1.73	1.89	1.81	4.52	ppb
Barium	135-1	13.12	12.84	12.97	12.98	1.06	ppb
Barium	137-1	13.04	12.90	12.95	12.96	0.56	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	8.94	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	20.95	19.04	18.40	19.46	6.83	ppb
Boron	11-1	20.44	18.98	17.81	19.08	6.92	ppb
Cadmium	111-1	0.06	0.02	0.05	0.04	46.07	ppb
Cadmium	106-1	0.71	0.12	0.48	0.44	68.28	ppb
Cadmium	108-1	0.13	0.10	0.14	0.12	17.80	ppb
Calcium	43-1	1485.47	1472.33	1485.58	1481.13	0.51	ppb
Calcium	44-1	1509.65	1497.48	1474.14	1493.76	1.21	ppb
Chromium	52-2	0.24	0.20	0.27	0.23	14.72	ppb
Cobalt	59-2	0.03	0.02	0.02	0.03	6.25	ppb
Copper	63-2	7.34	7.22	7.29	7.28	0.88	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				99		%
Indium	115-2				96		%
Iron	56-2	221.19	220.68	221.55	221.14	0.20	ppb
Iron	57-2	232.42	230.82	226.74	229.99	1.27	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.36	0.36	0.36	0.32	ppb
Lead	207-1	0.33	0.32	0.34	0.33	4.03	ppb
Lead	208-1	0.34	0.35	0.35	0.35	0.81	ppb
Lithium	6-1				101		%
Magnesium	24-2	879.37	878.88	864.83	874.36	0.94	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01	Instrumnet Name :	P7
Client Sample ID :	390114112	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:30:13	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.71	0.67	0.62	0.67	6.74	ppb
Molybdenum	94-1	0.39	0.39	0.35	0.38	5.30	ppb
Molybdenum	95-1	0.53	0.49	0.48	0.50	4.81	ppb
Molybdenum	96-1	0.51	0.50	0.51	0.50	1.44	ppb
Molybdenum	97-1	0.54	0.51	0.54	0.53	3.23	ppb
Molybdenum	98-1	0.51	0.48	0.52	0.50	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.19	0.21	0.18	16.44	ppb
Phosphorus	31-2	1.04	-9.79	-6.78	-5.18		ppb
Potassium	39-2	71.89	68.53	73.80	71.40	3.73	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	-0.06	0.12	-0.06	0.00	6357.08	ppb
Selenium	78-2	0.44	-0.01	0.01	0.15	168.80	ppb
Selenium	82-1	0.32	0.29	0.15	0.25	36.18	ppb
Silicon	28-1	5119.03	5032.72	4943.57	5031.77	1.74	ppb
Silver	109-1	0.01	0.01	0.02	0.01	47.56	ppb
Silver	107-1	0.00	0.01	0.01	0.01	36.73	ppb
Sodium	23-2	133901.17	131917.11	131597.80	132472.02	0.94	ppb
Strontium	86-1	11.37	11.17	11.08	11.21	1.32	ppb
Strontium	88-1	11.49	11.30	11.20	11.33	1.29	ppb
Sulfur	34-1	5327.27	5169.95	5087.80	5195.01	2.34	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.03	0.03	14.70	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.11	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	17.99	ppb
Tin	118-1	0.03	0.02	0.03	0.03	12.24	ppb
Titanium	47-1	0.60	0.66	0.65	0.64	4.73	ppb
Uranium	238-1	3.34	3.27	3.28	3.29	1.19	ppb
Vanadium	51-2	0.17	0.16	0.18	0.17	5.04	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01	Instrumnet Name :	P7
Client Sample ID :	390114112	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:30:13	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.35	4.44	4.18	4.33	3.04	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	30.85	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	69.13	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01DUP	Instrumnet Name :	P7
Client Sample ID :	390114112DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:33:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.90	1.71	2.42	2.35	25.44	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	2.46	ppb
Arsenic	75-2	1.89	1.80	1.87	1.85	2.44	ppb
Barium	135-1	12.73	12.95	12.79	12.82	0.85	ppb
Barium	137-1	12.78	12.78	12.64	12.73	0.64	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	13.22	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	11.93	12.66	11.42	12.00	5.19	ppb
Boron	11-1	11.87	11.88	11.45	11.73	2.07	ppb
Cadmium	111-1	0.05	-0.01	-0.03	0.01	643.99	ppb
Cadmium	106-1	0.70	-0.13	-0.38	0.06	933.56	ppb
Cadmium	108-1	0.12	0.07	0.17	0.12	43.30	ppb
Calcium	43-1	1457.92	1460.67	1457.73	1458.78	0.11	ppb
Calcium	44-1	1462.13	1477.75	1494.87	1478.25	1.11	ppb
Chromium	52-2	0.22	0.20	0.19	0.20	6.68	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	0.89	ppb
Copper	63-2	7.40	7.29	7.25	7.31	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	223.60	218.65	221.47	221.24	1.12	ppb
Iron	57-2	229.93	221.71	221.54	224.40	2.14	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.32	0.34	0.33	3.03	ppb
Lead	207-1	0.30	0.30	0.33	0.31	5.76	ppb
Lead	208-1	0.32	0.31	0.33	0.32	3.96	ppb
Lithium	6-1				102		%
Magnesium	24-2	873.18	864.77	874.31	870.75	0.60	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01DUP	Instrumnet Name :	P7
Client Sample ID :	390114112DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:33:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.61	0.57	0.56	0.58	4.42	ppb
Molybdenum	94-1	0.42	0.39	0.36	0.39	6.87	ppb
Molybdenum	95-1	0.48	0.50	0.47	0.49	2.91	ppb
Molybdenum	96-1	0.46	0.45	0.48	0.46	2.48	ppb
Molybdenum	97-1	0.52	0.49	0.52	0.51	3.11	ppb
Molybdenum	98-1	0.50	0.51	0.49	0.50	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.16	0.13	0.15	10.98	ppb
Phosphorus	31-2	-1.22	-2.28	6.80	1.10	452.24	ppb
Potassium	39-2	69.12	69.75	69.66	69.51	0.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	0.30	0.12	0.12	0.18	58.73	ppb
Selenium	78-2	0.55	0.16	0.11	0.27	87.24	ppb
Selenium	82-1	-0.12	-0.03	-0.05	-0.07		ppb
Silicon	28-1	5031.65	5043.07	5053.89	5042.87	0.22	ppb
Silver	109-1	0.01	0.00	0.00	0.00	37.61	ppb
Silver	107-1	0.00	0.01	0.01	0.01	42.74	ppb
Sodium	23-2	132253.73	131123.75	131259.06	131545.51	0.47	ppb
Strontium	86-1	11.11	11.01	10.91	11.01	0.92	ppb
Strontium	88-1	11.21	11.15	11.15	11.17	0.28	ppb
Sulfur	34-1	5050.58	5089.80	5176.54	5105.64	1.26	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.01	0.02	0.02	19.05	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.14	ppb
Thorium	232-1	0.01	0.01	0.00	0.01	19.16	ppb
Tin	118-1	0.02	0.03	0.03	0.03	20.49	ppb
Titanium	47-1	0.61	0.67	0.58	0.62	6.92	ppb
Uranium	238-1	3.30	3.24	3.28	3.27	0.89	ppb
Vanadium	51-2	0.18	0.17	0.15	0.17	7.41	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01DUP	Instrumnet Name :	P7
Client Sample ID :	390114112DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:33:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.19	4.00	4.32	4.17	3.86	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	49.00	ppb
Zirconium	91-1	0.01	0.02	0.02	0.01	53.17	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01LX5	Instrumnet Name :	P7
Client Sample ID :	390114112L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-22 13:37:31	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	0.59	0.51	0.53	10.55	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	13.34	ppb
Arsenic	75-2	0.33	0.36	0.32	0.34	6.27	ppb
Barium	135-1	2.53	2.54	2.63	2.56	2.19	ppb
Barium	137-1	2.59	2.57	2.60	2.59	0.73	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	37.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	5.49	5.07	5.87	5.48	7.31	ppb
Boron	11-1	5.54	5.70	5.32	5.52	3.46	ppb
Cadmium	111-1	0.05	-0.06	0.04	0.01	631.18	ppb
Cadmium	106-1	0.59	-0.88	0.41	0.04	2050.05	ppb
Cadmium	108-1	0.04	0.03	0.06	0.04	38.77	ppb
Calcium	43-1	303.35	302.08	293.76	299.73	1.74	ppb
Calcium	44-1	295.15	293.56	294.86	294.52	0.29	ppb
Chromium	52-2	0.05	0.02	0.05	0.04	46.25	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	56.29	ppb
Copper	63-2	1.56	1.57	1.55	1.56	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	44.59	44.78	44.82	44.73	0.28	ppb
Iron	57-2	45.61	44.63	46.15	45.46	1.70	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.06	0.06	10.76	ppb
Lead	207-1	0.07	0.06	0.06	0.06	7.00	ppb
Lead	208-1	0.07	0.07	0.06	0.06	8.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	178.67	175.12	171.69	175.16	1.99	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1209-01LX5 Instrumnet Name : P7
 Client Sample ID : 390114112L Dilution Factor : 5
 Date & Time Acquired :: 2019-01-22 13:37:31 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.12	0.12	0.13	0.12	2.03	ppb
Molybdenum	94-1	0.07	0.06	0.06	0.06	9.47	ppb
Molybdenum	95-1	0.11	0.13	0.12	0.12	7.32	ppb
Molybdenum	96-1	0.10	0.12	0.10	0.11	13.48	ppb
Molybdenum	97-1	0.12	0.13	0.10	0.11	10.61	ppb
Molybdenum	98-1	0.11	0.12	0.11	0.12	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.04	0.03	30.54	ppb
Phosphorus	31-2	-33.87	-25.59	-25.39	-28.29		ppb
Potassium	39-2	23.46	24.63	18.33	22.14	15.13	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	-0.06	-0.06	-0.06	-0.06		ppb
Selenium	78-2	0.03	-0.20	-0.03	-0.07		ppb
Selenium	82-1	-0.17	-0.05	-0.06	-0.09		ppb
Silicon	28-1	1006.37	1005.39	1005.49	1005.75	0.05	ppb
Silver	109-1	0.00	0.00	0.00	0.00	31.50	ppb
Silver	107-1	0.00	0.00	0.01	0.01	34.80	ppb
Sodium	23-2	26480.48	26372.67	25935.62	26262.92	1.10	ppb
Strontium	86-1	2.26	2.23	2.15	2.21	2.47	ppb
Strontium	88-1	2.27	2.25	2.25	2.26	0.55	ppb
Sulfur	34-1	849.29	818.02	810.12	825.81	2.51	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.01	0.01	27.10	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.30	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	8.56	ppb
Tin	118-1	0.02	0.02	0.01	0.01	26.25	ppb
Titanium	47-1	0.23	0.16	0.16	0.19	22.49	ppb
Uranium	238-1	0.62	0.62	0.63	0.62	1.40	ppb
Vanadium	51-2	0.03	0.03	0.04	0.03	20.63	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01LX5	Instrumnet Name :	P7
Client Sample ID :	390114112L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-22 13:37:31	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.05	1.02	0.86	0.97	10.64	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	186.41	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01MS	Instrumnet Name :	P7
Client Sample ID :	390114112MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:41:08	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1884.95	1898.11	1876.69	1886.58	0.57	ppb
Antimony	121-1	836.06	847.30	845.36	842.91	0.71	ppb
Arsenic	75-2	829.63	822.50	820.81	824.31	0.57	ppb
Barium	135-1	218.20	221.75	224.47	221.47	1.42	ppb
Barium	137-1	215.87	223.45	223.39	220.90	1.97	ppb
Beryllium	9-1	199.42	205.76	204.10	203.09	1.62	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	302.16	316.05	315.48	311.23	2.53	ppb
Boron	11-1	302.22	314.44	315.77	310.81	2.40	ppb
Cadmium	111-1	206.44	210.63	211.73	209.60	1.33	ppb
Cadmium	106-1	165.44	173.54	171.98	170.32	2.52	ppb
Cadmium	108-1	183.99	185.41	187.06	185.49	0.83	ppb
Calcium	43-1	2587.70	2663.20	2637.84	2629.58	1.46	ppb
Calcium	44-1	2472.01	2537.48	2574.32	2527.94	2.05	ppb
Chromium	52-2	396.02	395.21	392.37	394.53	0.49	ppb
Cobalt	59-2	201.91	202.49	200.12	201.50	0.61	ppb
Copper	63-2	322.58	320.65	320.98	321.40	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	3403.30	3428.96	3368.25	3400.17	0.90	ppb
Iron	57-2	3331.94	3352.18	3320.72	3334.95	0.48	ppb
Krypton	83-1						cps
Lead	206-1	996.81	1019.76	1033.95	1016.84	1.84	ppb
Lead	207-1	966.26	1004.18	1001.30	990.58	2.13	ppb
Lead	208-1	985.12	1012.15	1009.44	1002.24	1.48	ppb
Lithium	6-1				102		%
Magnesium	24-2	2960.57	2969.65	2938.11	2956.11	0.55	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01MS	Instrumnet Name :	P7
Client Sample ID :	390114112MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:41:08	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	197.22	198.05	196.90	197.39	0.30	ppb
Molybdenum	94-1	276.49	285.43	285.10	282.34	1.79	ppb
Molybdenum	95-1	396.41	407.96	414.01	406.13	2.20	ppb
Molybdenum	96-1	381.85	392.71	393.79	389.45	1.70	ppb
Molybdenum	97-1	397.76	407.69	407.75	404.40	1.42	ppb
Molybdenum	98-1	399.47	403.22	401.09	401.26	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.11	520.36	513.33	517.94	0.77	ppb
Phosphorus	31-2	6000.65	6011.23	5946.99	5986.29	0.58	ppb
Potassium	39-2	9926.38	10047.19	9947.27	9973.61	0.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	2130.41	2106.35	2121.00	2119.25	0.57	ppb
Selenium	78-2	2132.98	2121.02	2096.64	2116.88	0.87	ppb
Selenium	82-1	2074.60	2102.15	2119.57	2098.77	1.08	ppb
Silicon	28-1	5649.63	5777.14	5787.14	5737.97	1.34	ppb
Silver	109-1	75.33	78.45	78.38	77.39	2.30	ppb
Silver	107-1	75.13	77.58	77.15	76.62	1.71	ppb
Sodium	23-2	131394.02	131022.62	130648.57	131021.74	0.28	ppb
Strontium	86-1	205.39	208.19	211.99	208.52	1.59	ppb
Strontium	88-1	209.27	211.09	211.53	210.63	0.57	ppb
Sulfur	34-1	4807.73	5016.61	5128.48	4984.27	3.27	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1996.26	2028.18	2044.88	2023.10	1.22	ppb
Thallium	205-1	1993.52	2044.53	2050.22	2029.43	1.54	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	4.85	ppb
Tin	118-1	700.92	713.03	712.65	708.87	0.97	ppb
Titanium	47-1	199.68	205.17	210.18	205.01	2.56	ppb
Uranium	238-1	3.26	3.32	3.34	3.30	1.20	ppb
Vanadium	51-2	297.68	299.73	296.80	298.07	0.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01MS	Instrumnet Name :	P7
Client Sample ID :	390114112MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:41:08	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	214.89	214.52	213.21	214.21	0.41	ppb
Zirconium	90-1	0.15	0.15	0.13	0.14	8.72	ppb
Zirconium	91-1	0.52	0.53	0.49	0.51	4.54	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01MSD	Instrumnet Name :	P7
Client Sample ID :	390114112MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:44:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1911.60	1909.37	1930.48	1917.15	0.60	ppb
Antimony	121-1	855.44	858.06	857.45	856.98	0.16	ppb
Arsenic	75-2	833.24	838.98	834.68	835.63	0.36	ppb
Barium	135-1	223.79	223.89	222.39	223.36	0.38	ppb
Barium	137-1	223.75	226.08	223.36	224.40	0.65	ppb
Beryllium	9-1	206.52	206.68	204.69	205.96	0.54	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	317.28	322.38	325.31	321.66	1.26	ppb
Boron	11-1	313.15	323.01	319.90	318.69	1.58	ppb
Cadmium	111-1	214.24	213.24	215.71	214.40	0.58	ppb
Cadmium	106-1	174.71	171.34	174.66	173.57	1.11	ppb
Cadmium	108-1	187.34	188.35	192.07	189.25	1.32	ppb
Calcium	43-1	2670.60	2665.56	2684.60	2673.59	0.37	ppb
Calcium	44-1	2559.14	2578.52	2595.96	2577.87	0.71	ppb
Chromium	52-2	406.58	402.60	408.31	405.83	0.72	ppb
Cobalt	59-2	206.28	203.17	207.45	205.63	1.07	ppb
Copper	63-2	325.92	322.56	331.47	326.65	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	3471.21	3433.40	3477.42	3460.68	0.69	ppb
Iron	57-2	3422.27	3378.80	3416.34	3405.80	0.69	ppb
Krypton	83-1						cps
Lead	206-1	1014.05	1030.24	1017.58	1020.62	0.83	ppb
Lead	207-1	988.57	1002.14	991.99	994.23	0.71	ppb
Lead	208-1	1004.77	1019.15	1008.05	1010.66	0.75	ppb
Lithium	6-1				102		%
Magnesium	24-2	3008.79	2990.66	3038.76	3012.74	0.81	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01MSD	Instrumnet Name :	P7
Client Sample ID :	390114112MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:44:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	201.76	200.71	203.15	201.87	0.61	ppb
Molybdenum	94-1	283.73	287.89	287.64	286.42	0.81	ppb
Molybdenum	95-1	408.91	410.56	410.10	409.86	0.21	ppb
Molybdenum	96-1	395.58	397.84	397.02	396.82	0.29	ppb
Molybdenum	97-1	408.66	408.19	412.48	409.78	0.57	ppb
Molybdenum	98-1	410.29	406.27	405.48	407.35	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.55	521.47	531.96	527.33	1.02	ppb
Phosphorus	31-2	6123.87	6117.89	6175.84	6139.20	0.52	ppb
Potassium	39-2	10225.26	10113.18	10203.02	10180.49	0.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	2166.55	2173.80	2129.07	2156.47	1.11	ppb
Selenium	78-2	2132.94	2157.97	2134.80	2141.90	0.65	ppb
Selenium	82-1	2125.56	2130.33	2125.94	2127.27	0.12	ppb
Silicon	28-1	5724.42	5751.69	5823.05	5766.38	0.88	ppb
Silver	109-1	76.97	76.61	77.08	76.89	0.32	ppb
Silver	107-1	76.36	75.72	76.64	76.24	0.62	ppb
Sodium	23-2	133460.00	131296.42	133763.27	132839.90	1.01	ppb
Strontium	86-1	212.05	213.44	211.80	212.43	0.42	ppb
Strontium	88-1	213.95	212.68	213.07	213.23	0.31	ppb
Sulfur	34-1	5007.08	4973.20	5102.34	5027.54	1.33	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	2041.35	2036.61	2034.39	2037.45	0.17	ppb
Thallium	205-1	2037.59	2038.49	2028.78	2034.95	0.26	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	7.62	ppb
Tin	118-1	726.62	726.92	721.57	725.04	0.41	ppb
Titanium	47-1	208.41	211.54	212.65	210.87	1.04	ppb
Uranium	238-1	3.27	3.37	3.33	3.32	1.57	ppb
Vanadium	51-2	306.50	303.43	308.94	306.29	0.90	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01MSD	Instrumnet Name :	P7
Client Sample ID :	390114112MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:44:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	219.80	218.18	222.34	220.11	0.95	ppb
Zirconium	90-1	0.16	0.16	0.17	0.16	3.18	ppb
Zirconium	91-1	0.52	0.54	0.50	0.52	3.89	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P7
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:49:14	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52072.11	53346.79	52818.93	52745.94	1.21	ppb
Antimony	121-1	494.35	494.13	499.62	496.03	0.63	ppb
Arsenic	75-2	485.44	490.41	491.46	489.11	0.66	ppb
Barium	135-1	2518.23	2535.21	2559.61	2537.68	0.82	ppb
Barium	137-1	2524.10	2516.97	2550.32	2530.46	0.69	ppb
Beryllium	9-1	493.44	498.52	497.92	496.63	0.56	ppb
Bismuth	209-1				83		%
Bismuth	209-2				81		%
Boron	10-1	487.08	498.22	501.53	495.61	1.53	ppb
Boron	11-1	485.59	492.79	499.32	492.57	1.39	ppb
Cadmium	111-1	475.07	484.16	485.06	481.43	1.15	ppb
Cadmium	106-1	485.20	501.32	500.39	495.63	1.83	ppb
Cadmium	108-1	488.67	488.46	496.83	491.32	0.97	ppb
Calcium	43-1	238843.82	237741.13	240540.59	239041.85	0.59	ppb
Calcium	44-1	240842.64	238518.00	238025.35	239128.66	0.63	ppb
Chromium	52-2	491.56	501.31	498.03	496.97	1.00	ppb
Cobalt	59-2	470.94	476.13	475.91	474.33	0.62	ppb
Copper	63-2	926.28	932.54	929.85	929.56	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				102		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	124645.96	125821.84	125332.55	125266.78	0.47	ppb
Iron	57-2	125667.85	126730.82	125950.68	126116.45	0.44	ppb
Krypton	83-1						cps
Lead	206-1	520.98	518.75	515.41	518.38	0.54	ppb
Lead	207-1	520.05	520.25	516.14	518.81	0.45	ppb
Lead	208-1	519.37	518.05	513.37	516.93	0.61	ppb
Lithium	6-1				99		%
Magnesium	24-2	258343.48	260165.61	258213.51	258907.54	0.42	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P7
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:49:14	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	958.61	983.49	973.88	971.99	1.29	ppb
Molybdenum	94-1	2528.52	2520.19	2524.55	2524.42	0.17	ppb
Molybdenum	95-1	2524.68	2520.13	2537.88	2527.56	0.36	ppb
Molybdenum	96-1	2516.63	2537.22	2530.74	2528.19	0.42	ppb
Molybdenum	97-1	2523.80	2525.19	2528.78	2525.92	0.10	ppb
Molybdenum	98-1	2534.27	2521.02	2523.01	2526.10	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.42	480.14	478.30	477.62	0.61	ppb
Phosphorus	31-2	10123.59	10195.27	10129.97	10149.61	0.39	ppb
Potassium	39-2	123963.26	125025.15	123908.06	124298.82	0.51	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	478.72	465.02	499.07	480.94	3.56	ppb
Selenium	78-2	480.21	491.08	486.39	485.89	1.12	ppb
Selenium	82-1	477.60	477.99	478.69	478.09	0.12	ppb
Silicon	28-1	415.93	424.63	434.56	425.04	2.19	ppb
Silver	109-1	479.10	482.65	485.28	482.35	0.64	ppb
Silver	107-1	483.96	484.27	484.18	484.13	0.03	ppb
Sodium	23-2	250229.25	249673.03	249256.52	249719.60	0.20	ppb
Strontium	86-1	501.06	505.45	506.00	504.17	0.54	ppb
Strontium	88-1	504.56	508.62	510.53	507.90	0.60	ppb
Sulfur	34-1	10690.86	10552.10	10741.85	10661.60	0.92	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	525.85	525.85	523.37	525.02	0.27	ppb
Thallium	205-1	525.46	527.13	526.65	526.41	0.16	ppb
Thorium	232-1	535.97	536.87	531.78	534.87	0.51	ppb
Tin	118-1	500.00	498.12	502.33	500.15	0.42	ppb
Titanium	47-1	2538.69	2530.60	2523.55	2530.95	0.30	ppb
Uranium	238-1	529.50	534.75	529.97	531.40	0.55	ppb
Vanadium	51-2	493.92	502.89	499.77	498.86	0.91	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P7
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:49:14	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	974.60	992.97	984.69	984.09	0.94	ppb
Zirconium	90-1	507.14	507.25	509.14	507.84	0.22	ppb
Zirconium	91-1	500.28	499.32	505.68	501.76	0.68	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P7
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:53:58	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	0.59	0.31	0.47	30.84	ppb
Antimony	121-1	0.17	0.17	0.14	0.16	9.17	ppb
Arsenic	75-2	0.03	0.04	0.01	0.03	60.36	ppb
Barium	135-1	0.03	0.03	0.02	0.03	21.57	ppb
Barium	137-1	0.03	0.02	0.03	0.03	26.17	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	17.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	9.86	9.47	8.57	9.30	7.10	ppb
Boron	11-1	10.04	9.27	8.81	9.37	6.60	ppb
Cadmium	111-1	0.04	0.06	0.03	0.04	31.73	ppb
Cadmium	106-1	0.17	0.40	0.02	0.20	98.33	ppb
Cadmium	108-1	0.05	0.04	0.07	0.05	37.45	ppb
Calcium	43-1	2.41	1.95	2.81	2.39	18.06	ppb
Calcium	44-1	1.77	1.96	1.02	1.58	31.41	ppb
Chromium	52-2	0.00	0.02	0.01	0.01	76.14	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	12.64	ppb
Copper	63-2	0.10	0.12	0.12	0.12	8.89	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				105		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	1.68	1.81	1.67	1.72	4.50	ppb
Iron	57-2	1.54	2.72	1.52	1.93	35.66	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.04	6.79	ppb
Lead	207-1	0.03	0.03	0.04	0.04	9.52	ppb
Lead	208-1	0.04	0.04	0.04	0.04	3.80	ppb
Lithium	6-1				107		%
Magnesium	24-2	2.83	2.92	3.02	2.92	3.35	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P7
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:53:58	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	24.47	ppb
Molybdenum	94-1	0.21	0.17	0.17	0.18	12.24	ppb
Molybdenum	95-1	0.29	0.27	0.24	0.27	10.24	ppb
Molybdenum	96-1	0.27	0.24	0.21	0.24	13.57	ppb
Molybdenum	97-1	0.30	0.25	0.20	0.25	20.09	ppb
Molybdenum	98-1	0.28	0.24	0.22	0.25	12.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.02	0.02	17.71	ppb
Phosphorus	31-2	-30.38	-30.83	-33.18	-31.46		ppb
Potassium	39-2	20.21	18.45	18.05	18.90	6.07	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	0.11	-0.06	-0.06	0.00		ppb
Selenium	78-2	0.42	-0.10	0.15	0.16	166.71	ppb
Selenium	82-1	0.05	-0.10	0.01	-0.01		ppb
Silicon	28-1	1.49	1.27	0.87	1.21	25.99	ppb
Silver	109-1	0.02	0.02	0.02	0.02	4.49	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.44	ppb
Sodium	23-2	31.33	30.29	30.56	30.73	1.76	ppb
Strontium	86-1	0.00	0.01	-0.03	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	19.39	ppb
Sulfur	34-1	40.68	79.19	-66.71	17.72	426.66	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.13	0.12	0.13	7.01	ppb
Thallium	205-1	0.13	0.14	0.13	0.13	3.67	ppb
Thorium	232-1	0.04	0.03	0.03	0.03	8.71	ppb
Tin	118-1	0.13	0.13	0.10	0.12	15.23	ppb
Titanium	47-1	0.08	0.06	0.05	0.06	25.60	ppb
Uranium	238-1	0.01	0.00	0.01	0.00	24.65	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	16.03	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P7
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:53:58	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	0.07	0.06	0.04	87.28	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	34.58	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	58.74	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : PB116501BL Instrumnet Name : P7
 Client Sample ID : PB116501BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:57:33 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-0.02	0.08	0.04	131.29	ppb
Antimony	121-1	0.07	0.07	0.06	0.07	6.78	ppb
Arsenic	75-2	0.01	0.01	0.02	0.02	47.21	ppb
Barium	135-1	0.01	0.01	0.01	0.01	41.45	ppb
Barium	137-1	0.01	0.01	0.00	0.01	62.89	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	18.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	5.86	5.34	5.33	5.51	5.48	ppb
Boron	11-1	5.60	5.36	5.32	5.43	2.77	ppb
Cadmium	111-1	0.10	0.02	0.01	0.04	115.18	ppb
Cadmium	106-1	1.03	0.03	-0.02	0.35	171.45	ppb
Cadmium	108-1	0.02	0.07	0.02	0.04	95.73	ppb
Calcium	43-1	1.09	0.93	0.57	0.86	30.62	ppb
Calcium	44-1	-0.34	-0.10	-0.52	-0.32		ppb
Chromium	52-2	0.01	0.02	0.01	0.02	43.70	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	55.46	ppb
Copper	63-2	0.09	0.09	0.10	0.09	2.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	0.56	0.56	0.49	0.54	7.19	ppb
Iron	57-2	0.68	0.71	0.55	0.65	12.90	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	14.97	ppb
Lead	207-1	0.02	0.03	0.02	0.02	17.41	ppb
Lead	208-1	0.02	0.02	0.02	0.02	3.98	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.85	0.81	0.94	0.87	7.82	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : PB116501BL Instrumnet Name : P7
 Client Sample ID : PB116501BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:57:33 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.00	0.01	53.85	ppb
Molybdenum	94-1	0.08	0.06	0.05	0.07	22.31	ppb
Molybdenum	95-1	0.09	0.08	0.07	0.08	7.91	ppb
Molybdenum	96-1	0.08	0.07	0.07	0.07	7.97	ppb
Molybdenum	97-1	0.07	0.06	0.06	0.06	7.55	ppb
Molybdenum	98-1	0.08	0.07	0.07	0.07	8.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.00	0.01	129.77	ppb
Phosphorus	31-2	-28.93	-21.68	-25.71	-25.44		ppb
Potassium	39-2	15.43	13.95	14.25	14.54	5.41	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	77-2	0.46	0.29	0.29	0.35	29.11	ppb
Selenium	78-2	0.18	-0.10	-0.10	-0.01		ppb
Selenium	82-1	-0.26	-0.26	0.01	-0.17		ppb
Silicon	28-1	0.89	0.59	0.73	0.74	20.41	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.03	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.12	ppb
Sodium	23-2	22.73	22.09	21.69	22.17	2.36	ppb
Strontium	86-1	-0.03	-0.02	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	31.76	ppb
Sulfur	34-1	128.94	69.53	101.09	99.85	29.77	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.10	0.09	0.09	10.42	ppb
Thallium	205-1	0.11	0.09	0.09	0.10	10.36	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	17.29	ppb
Tin	118-1	0.07	0.07	0.06	0.07	9.79	ppb
Titanium	47-1	0.04	0.03	0.03	0.03	14.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.32	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	69.05	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116501BL	Instrumnet Name :	P7
Client Sample ID :	PB116501BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:57:33	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.15	0.12	0.06	0.11	42.77	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	84.67	ppb
Zirconium	91-1	0.00	0.00	0.01	0.01	77.34	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116501BS	Instrumnet Name :	P7
Client Sample ID :	PB116501BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:01:10	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9608.06	9899.06	9675.79	9727.64	1.57	ppb
Antimony	121-1	516.15	511.65	515.16	514.32	0.46	ppb
Arsenic	75-2	515.18	523.45	514.88	517.84	0.94	ppb
Barium	135-1	2534.31	2521.97	2514.22	2523.50	0.40	ppb
Barium	137-1	2526.08	2519.30	2512.28	2519.22	0.27	ppb
Beryllium	9-1	504.75	502.13	507.38	504.76	0.52	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	494.78	503.16	505.77	501.23	1.15	ppb
Boron	11-1	495.16	506.01	501.40	500.86	1.09	ppb
Cadmium	111-1	528.74	523.13	526.84	526.24	0.54	ppb
Cadmium	106-1	534.61	518.49	534.46	529.18	1.75	ppb
Cadmium	108-1	528.64	524.53	524.24	525.80	0.47	ppb
Calcium	43-1	49982.91	49820.59	50211.94	50005.15	0.39	ppb
Calcium	44-1	49976.66	49145.45	49591.29	49571.13	0.84	ppb
Chromium	52-2	491.84	501.02	494.59	495.82	0.95	ppb
Cobalt	59-2	482.08	498.52	491.69	490.76	1.68	ppb
Copper	63-2	1008.51	1030.25	1004.32	1014.36	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	26006.91	26481.34	26056.81	26181.69	1.00	ppb
Iron	57-2	25388.19	26213.33	25992.73	25864.75	1.65	ppb
Krypton	83-1						cps
Lead	206-1	503.37	495.59	493.93	497.63	1.01	ppb
Lead	207-1	502.20	485.20	490.95	492.79	1.75	ppb
Lead	208-1	501.74	490.06	493.80	495.20	1.20	ppb
Lithium	6-1				104		%
Magnesium	24-2	54043.60	54240.56	53980.60	54088.25	0.25	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116501BS	Instrumnet Name :	P7
Client Sample ID :	PB116501BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:01:10	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	979.74	999.93	982.57	987.41	1.11	ppb
Molybdenum	94-1	2471.15	2446.50	2474.66	2464.10	0.62	ppb
Molybdenum	95-1	2477.35	2476.41	2463.15	2472.30	0.32	ppb
Molybdenum	96-1	2500.98	2465.51	2476.69	2481.06	0.73	ppb
Molybdenum	97-1	2478.29	2465.38	2506.02	2483.23	0.84	ppb
Molybdenum	98-1	2494.52	2452.80	2493.93	2480.42	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.26	513.27	504.67	508.74	0.85	ppb
Phosphorus	31-2	10285.68	10526.00	10207.66	10339.78	1.60	ppb
Potassium	39-2	24702.23	25038.51	24576.03	24772.26	0.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	512.09	535.70	520.99	522.93	2.28	ppb
Selenium	78-2	519.26	533.67	526.31	526.41	1.37	ppb
Selenium	82-1	515.91	513.89	522.01	517.27	0.82	ppb
Silicon	28-1	562.69	579.33	594.15	578.72	2.72	ppb
Silver	109-1	529.69	529.25	529.62	529.52	0.04	ppb
Silver	107-1	531.02	522.65	527.27	526.98	0.80	ppb
Sodium	23-2	50238.21	50655.32	49985.71	50293.08	0.67	ppb
Strontium	86-1	502.56	494.23	497.71	498.16	0.84	ppb
Strontium	88-1	501.01	500.79	507.70	503.17	0.78	ppb
Sulfur	34-1	11030.48	10663.36	10849.06	10847.63	1.69	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	505.83	500.00	498.94	501.59	0.74	ppb
Thallium	205-1	500.06	497.97	499.48	499.17	0.22	ppb
Thorium	232-1	487.78	485.31	487.58	486.89	0.28	ppb
Tin	118-1	508.61	510.57	508.79	509.32	0.21	ppb
Titanium	47-1	2523.22	2505.64	2515.81	2514.89	0.35	ppb
Uranium	238-1	486.00	475.89	478.20	480.03	1.10	ppb
Vanadium	51-2	491.61	501.07	494.62	495.76	0.97	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116501BS	Instrumnet Name :	P7
Client Sample ID :	PB116501BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:01:10	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1012.78	1044.75	1017.22	1024.92	1.69	ppb
Zirconium	90-1	498.94	494.49	498.24	497.22	0.48	ppb
Zirconium	91-1	488.96	493.82	493.47	492.09	0.55	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01A	Instrumnet Name :	P7
Client Sample ID :	390114112A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:04:48	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1921.37	1924.29	1903.36	1916.34	0.59	ppb
Antimony	121-1	849.60	863.44	860.45	857.83	0.85	ppb
Arsenic	75-2	840.95	839.32	838.97	839.75	0.13	ppb
Barium	135-1	220.33	226.21	227.57	224.70	1.71	ppb
Barium	137-1	220.89	224.23	225.72	223.61	1.11	ppb
Beryllium	9-1	206.96	206.82	207.13	206.97	0.08	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	320.25	325.96	326.88	324.37	1.11	ppb
Boron	11-1	322.96	325.99	325.28	324.74	0.49	ppb
Cadmium	111-1	210.38	216.51	217.15	214.68	1.74	ppb
Cadmium	106-1	169.03	176.06	174.11	173.07	2.10	ppb
Cadmium	108-1	187.86	191.15	191.02	190.01	0.98	ppb
Calcium	43-1	2645.55	2660.81	2671.01	2659.12	0.48	ppb
Calcium	44-1	2548.81	2565.64	2583.13	2565.86	0.67	ppb
Chromium	52-2	402.83	404.96	403.41	403.73	0.27	ppb
Cobalt	59-2	205.50	207.27	204.49	205.76	0.68	ppb
Copper	63-2	326.37	328.07	325.74	326.73	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	3462.69	3497.08	3460.59	3473.45	0.59	ppb
Iron	57-2	3411.07	3424.00	3407.32	3414.13	0.26	ppb
Krypton	83-1						cps
Lead	206-1	1024.87	1027.42	1024.21	1025.50	0.17	ppb
Lead	207-1	990.86	991.61	991.20	991.22	0.04	ppb
Lead	208-1	1010.29	1009.72	1011.52	1010.51	0.09	ppb
Lithium	6-1				103		%
Magnesium	24-2	3000.80	3009.91	2993.01	3001.24	0.28	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01A	Instrumnet Name :	P7
Client Sample ID :	390114112A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:04:48	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	200.42	203.88	199.34	201.21	1.18	ppb
Molybdenum	94-1	288.52	287.90	290.03	288.82	0.38	ppb
Molybdenum	95-1	411.79	413.44	412.94	412.72	0.21	ppb
Molybdenum	96-1	396.93	397.09	400.70	398.24	0.54	ppb
Molybdenum	97-1	410.84	411.62	415.42	412.63	0.59	ppb
Molybdenum	98-1	408.88	406.55	408.28	407.90	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.16	528.83	522.50	525.83	0.60	ppb
Phosphorus	31-2	6241.58	6199.77	6170.28	6203.88	0.58	ppb
Potassium	39-2	10207.16	10243.76	10098.28	10183.06	0.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	2135.94	2161.81	2183.87	2160.54	1.11	ppb
Selenium	78-2	2160.76	2150.30	2169.51	2160.19	0.45	ppb
Selenium	82-1	2137.44	2154.26	2165.65	2152.45	0.66	ppb
Silicon	28-1	5770.56	5814.72	5828.55	5804.61	0.52	ppb
Silver	109-1	76.76	78.35	79.95	78.36	2.04	ppb
Silver	107-1	76.52	78.66	78.83	78.00	1.65	ppb
Sodium	23-2	132689.44	134016.08	131732.10	132812.54	0.86	ppb
Strontium	86-1	211.33	212.31	214.36	212.67	0.73	ppb
Strontium	88-1	212.99	212.97	214.14	213.37	0.31	ppb
Sulfur	34-1	4709.84	4811.28	4922.73	4814.62	2.21	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	2044.67	2040.18	2070.04	2051.63	0.78	ppb
Thallium	205-1	2039.06	2039.74	2040.47	2039.76	0.03	ppb
Thorium	232-1	0.15	0.12	0.11	0.12	16.94	ppb
Tin	118-1	731.86	734.10	724.19	730.05	0.71	ppb
Titanium	47-1	209.55	207.44	210.50	209.16	0.75	ppb
Uranium	238-1	3.34	3.29	3.36	3.33	1.03	ppb
Vanadium	51-2	305.96	306.35	302.91	305.07	0.62	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01A	Instrumnet Name :	P7
Client Sample ID :	390114112A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:04:48	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	218.31	220.78	215.41	218.17	1.23	ppb
Zirconium	90-1	0.22	0.19	0.17	0.19	12.80	ppb
Zirconium	91-1	0.55	0.55	0.56	0.55	1.17	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1151-03	Instrumnet Name :	P7
Client Sample ID :	OUTFALL001-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:08:28	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.98	9.36	9.64	9.32	3.55	ppb
Antimony	121-1	0.34	0.33	0.33	0.33	1.67	ppb
Arsenic	75-2	4.55	4.61	4.18	4.45	5.16	ppb
Barium	135-1	217.75	217.63	217.99	217.79	0.09	ppb
Barium	137-1	215.12	215.86	218.08	216.35	0.71	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	9.15	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	323.52	325.95	324.70	324.72	0.37	ppb
Boron	11-1	329.96	337.39	335.47	334.28	1.15	ppb
Cadmium	111-1	0.09	0.03	0.03	0.05	76.26	ppb
Cadmium	106-1	0.89	0.05	0.02	0.32	151.87	ppb
Cadmium	108-1	0.06	0.07	0.05	0.06	17.65	ppb
Calcium	43-1	95208.16	94845.75	94313.35	94789.09	0.47	ppb
Calcium	44-1	94935.55	95465.19	94290.07	94896.94	0.62	ppb
Chromium	52-2	0.77	0.76	0.80	0.78	2.62	ppb
Cobalt	59-2	0.08	0.08	0.09	0.08	8.65	ppb
Copper	63-2	0.79	0.78	0.83	0.80	3.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	12.39	12.33	12.62	12.45	1.24	ppb
Iron	57-2	184.33	184.87	196.79	188.67	3.73	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.13	0.11	0.12	8.68	ppb
Lead	207-1	0.11	0.11	0.12	0.12	2.55	ppb
Lead	208-1	0.12	0.12	0.11	0.12	5.15	ppb
Lithium	6-1				101		%
Magnesium	24-2	13608.77	13517.72	13523.13	13549.87	0.38	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1151-03	Instrumnet Name :	P7
Client Sample ID :	OUTFALL001-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:08:28	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.38	2.39	2.42	2.40	0.99	ppb
Molybdenum	94-1	1.09	1.15	1.09	1.11	3.17	ppb
Molybdenum	95-1	1.58	1.55	1.55	1.56	1.19	ppb
Molybdenum	96-1	1.48	1.48	1.49	1.48	0.30	ppb
Molybdenum	97-1	1.50	1.54	1.47	1.50	2.05	ppb
Molybdenum	98-1	1.54	1.56	1.48	1.53	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.61	2.52	2.47	2.53	2.76	ppb
Phosphorus	31-2	7.05	8.86	5.12	7.01	26.66	ppb
Potassium	39-2	2420.64	2417.52	2413.25	2417.14	0.15	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	0.68	0.30	0.12	0.37	77.18	ppb
Selenium	78-2	0.66	0.50	0.36	0.51	29.52	ppb
Selenium	82-1	1.23	0.90	0.99	1.04	16.05	ppb
Silicon	28-1	7338.65	7338.12	7292.08	7322.95	0.37	ppb
Silver	109-1	0.01	0.02	0.01	0.01	24.91	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.75	ppb
Sodium	23-2	49691.71	49486.86	49628.01	49602.19	0.21	ppb
Strontium	86-1	527.91	528.29	527.77	527.99	0.05	ppb
Strontium	88-1	532.43	531.15	530.36	531.31	0.20	ppb
Sulfur	34-1	11377.28	11465.86	11184.73	11342.62	1.27	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.37	0.41	0.39	0.39	5.18	ppb
Thallium	205-1	0.39	0.39	0.39	0.39	0.48	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	14.27	ppb
Tin	118-1	0.37	0.33	0.35	0.35	5.88	ppb
Titanium	47-1	0.88	0.82	0.81	0.83	4.39	ppb
Uranium	238-1	0.62	0.63	0.64	0.63	1.00	ppb
Vanadium	51-2	0.48	0.49	0.48	0.48	1.33	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1151-03	Instrumnet Name :	P7
Client Sample ID :	OUTFALL001-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:08:28	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.90	9.36	9.60	9.62	2.84	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	10.13	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	19.00	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-01	Instrumnet Name :	P7
Client Sample ID :	KY036MW016-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:12:06	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.80	3.13	3.11	3.35	11.82	ppb
Antimony	121-1	0.09	0.10	0.12	0.11	14.89	ppb
Arsenic	75-2	49.90	50.24	49.34	49.83	0.92	ppb
Barium	135-1	90.49	90.96	89.19	90.21	1.02	ppb
Barium	137-1	89.90	88.61	89.16	89.22	0.73	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	5.13	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	162.37	164.84	164.35	163.85	0.80	ppb
Boron	11-1	165.92	168.10	168.31	167.44	0.79	ppb
Cadmium	111-1	0.05	0.06	0.08	0.06	20.60	ppb
Cadmium	106-1	0.20	0.54	0.71	0.48	53.98	ppb
Cadmium	108-1	0.23	0.14	0.30	0.22	36.55	ppb
Calcium	43-1	51552.43	52303.02	52051.82	51969.09	0.74	ppb
Calcium	44-1	52011.05	51848.38	51508.68	51789.37	0.49	ppb
Chromium	52-2	1.28	1.30	1.29	1.29	0.78	ppb
Cobalt	59-2	0.16	0.16	0.17	0.16	2.03	ppb
Copper	63-2	0.49	0.47	0.49	0.48	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	1429.21	1421.29	1408.50	1419.67	0.74	ppb
Iron	57-2	1466.41	1468.07	1483.23	1472.57	0.63	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.12	0.12	4.60	ppb
Lead	207-1	0.10	0.10	0.11	0.10	8.67	ppb
Lead	208-1	0.12	0.11	0.12	0.11	4.38	ppb
Lithium	6-1				101		%
Magnesium	24-2	6434.65	6392.91	6482.70	6436.75	0.70	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-01	Instrumnet Name :	P7
Client Sample ID :	KY036MW016-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:12:06	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1097.83	1099.26	1092.61	1096.57	0.32	ppb
Molybdenum	94-1	9.85	9.94	10.16	9.98	1.59	ppb
Molybdenum	95-1	14.38	14.28	14.51	14.39	0.78	ppb
Molybdenum	96-1	13.82	13.81	14.11	13.91	1.21	ppb
Molybdenum	97-1	14.20	14.47	14.56	14.41	1.29	ppb
Molybdenum	98-1	14.14	14.36	14.35	14.28	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.31	2.38	2.23	2.31	3.30	ppb
Phosphorus	31-2	16.48	-4.50	11.98	7.99	138.27	ppb
Potassium	39-2	1057.20	1068.75	1071.78	1065.91	0.72	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	-0.06	-0.06	-0.06	-0.06		ppb
Selenium	78-2	0.13	-0.04	0.01	0.03	279.66	ppb
Selenium	82-1	0.48	0.13	0.42	0.34	53.80	ppb
Silicon	28-1	5456.59	5474.94	5463.38	5464.97	0.17	ppb
Silver	109-1	0.01	0.01	0.01	0.01	34.82	ppb
Silver	107-1	0.01	0.01	0.01	0.01	33.53	ppb
Sodium	23-2	22066.29	21873.11	21985.76	21975.06	0.44	ppb
Strontium	86-1	178.77	178.56	180.98	179.44	0.75	ppb
Strontium	88-1	181.46	180.12	181.84	181.14	0.50	ppb
Sulfur	34-1	391.52	325.92	411.75	376.40	11.92	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.20	0.21	0.21	0.20	3.18	ppb
Thallium	205-1	0.20	0.19	0.23	0.21	8.16	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	6.35	ppb
Tin	118-1	0.06	0.06	0.06	0.06	2.70	ppb
Titanium	47-1	0.85	0.61	0.69	0.72	17.25	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	3.91	ppb
Vanadium	51-2	0.11	0.12	0.11	0.11	8.63	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-01	Instrumnet Name :	P7
Client Sample ID :	KY036MW016-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:12:06	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.46	8.33	8.48	8.42	0.91	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	28.22	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	6.23	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-02	Instrumnet Name :	P7
Client Sample ID :	ST008MW037-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:15:43	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.60	12.93	12.15	12.22	5.44	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	3.24	ppb
Arsenic	75-2	140.89	141.46	140.66	141.00	0.29	ppb
Barium	135-1	117.90	117.47	116.76	117.37	0.49	ppb
Barium	137-1	116.95	118.44	116.63	117.34	0.82	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	14.30	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Boron	10-1	169.95	170.01	171.08	170.35	0.37	ppb
Boron	11-1	171.22	173.03	174.06	172.77	0.83	ppb
Cadmium	111-1	0.02	0.12	0.07	0.07	64.45	ppb
Cadmium	106-1	0.06	1.02	0.73	0.60	82.14	ppb
Cadmium	108-1	0.09	0.09	0.13	0.10	22.07	ppb
Calcium	43-1	72445.43	72092.61	72168.74	72235.59	0.26	ppb
Calcium	44-1	73221.22	72303.87	71706.92	72410.67	1.05	ppb
Chromium	52-2	1.63	1.66	1.73	1.67	2.85	ppb
Cobalt	59-2	0.25	0.25	0.25	0.25	0.91	ppb
Copper	63-2	0.45	0.47	0.47	0.46	2.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	7516.19	7567.65	7565.44	7549.76	0.39	ppb
Iron	57-2	7369.54	7451.11	7508.27	7442.97	0.94	ppb
Krypton	83-1						cps
Lead	206-1	0.85	0.85	0.89	0.87	2.66	ppb
Lead	207-1	0.77	0.77	0.77	0.77	0.31	ppb
Lead	208-1	0.81	0.80	0.82	0.81	1.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	11757.11	11807.71	11833.95	11799.59	0.33	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-02	Instrumnet Name :	P7
Client Sample ID :	ST008MW037-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:15:43	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	263.87	267.38	268.32	266.52	0.88	ppb
Molybdenum	94-1	3.35	3.30	3.33	3.32	0.77	ppb
Molybdenum	95-1	4.55	4.65	4.58	4.59	1.17	ppb
Molybdenum	96-1	4.49	4.46	4.44	4.46	0.50	ppb
Molybdenum	97-1	4.62	4.67	4.60	4.63	0.78	ppb
Molybdenum	98-1	4.57	4.59	4.66	4.61	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.98	0.92	0.94	4.11	ppb
Phosphorus	31-2	-15.96	-3.20	-3.24	-7.46		ppb
Potassium	39-2	806.11	809.48	804.64	806.74	0.31	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	-0.06	0.30	0.31	0.18	114.61	ppb
Selenium	78-2	-0.11	-0.02	0.12	0.00		ppb
Selenium	82-1	0.25	0.43	0.31	0.33	27.44	ppb
Silicon	28-1	6791.25	6654.02	6626.94	6690.74	1.32	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.22	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.78	ppb
Sodium	23-2	14980.34	14866.53	14951.30	14932.72	0.40	ppb
Strontium	86-1	452.16	456.21	451.43	453.27	0.57	ppb
Strontium	88-1	463.79	461.80	454.84	460.14	1.02	ppb
Sulfur	34-1	545.03	459.25	423.03	475.77	13.17	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.17	0.17	0.16	0.17	5.11	ppb
Thallium	205-1	0.17	0.16	0.16	0.16	2.86	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	10.82	ppb
Tin	118-1	0.05	0.05	0.04	0.05	5.78	ppb
Titanium	47-1	0.97	1.01	1.00	0.99	2.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	8.98	ppb
Vanadium	51-2	0.11	0.10	0.12	0.11	8.23	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-02	Instrumnet Name :	P7
Client Sample ID :	ST008MW037-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:15:43	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.59	15.55	16.51	15.88	3.43	ppb
Zirconium	90-1	0.04	0.02	0.02	0.03	41.65	ppb
Zirconium	91-1	0.08	0.09	0.08	0.08	5.43	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-03	Instrumnet Name :	P7
Client Sample ID :	SS037MW266-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:19:22	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.83	2.65	1.58	2.36	28.69	ppb
Antimony	121-1	0.13	0.13	0.13	0.13	1.49	ppb
Arsenic	75-2	3.29	3.03	3.12	3.15	4.30	ppb
Barium	135-1	285.88	280.33	282.23	282.81	1.00	ppb
Barium	137-1	284.08	281.02	282.53	282.54	0.54	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	25.27	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	215.60	211.96	215.08	214.21	0.92	ppb
Boron	11-1	220.33	218.01	221.63	219.99	0.84	ppb
Cadmium	111-1	0.06	-0.01	0.06	0.04	107.90	ppb
Cadmium	106-1	0.54	-0.29	0.55	0.27	181.32	ppb
Cadmium	108-1	0.05	0.08	0.06	0.06	25.01	ppb
Calcium	43-1	96986.94	95713.88	96501.11	96400.64	0.67	ppb
Calcium	44-1	96690.30	95344.05	96488.47	96174.27	0.75	ppb
Chromium	52-2	0.32	0.33	0.32	0.32	1.56	ppb
Cobalt	59-2	1.45	1.43	1.45	1.44	0.61	ppb
Copper	63-2	0.29	0.28	0.24	0.27	10.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	148.57	147.71	146.32	147.53	0.77	ppb
Iron	57-2	327.44	331.04	325.94	328.14	0.80	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.14	0.14	0.15	4.70	ppb
Lead	207-1	0.15	0.13	0.13	0.13	7.70	ppb
Lead	208-1	0.15	0.13	0.14	0.14	4.88	ppb
Lithium	6-1				101		%
Magnesium	24-2	12905.12	12904.73	12783.08	12864.31	0.55	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-03	Instrumnet Name :	P7
Client Sample ID :	SS037MW266-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:19:22	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	490.48	486.90	483.54	486.97	0.71	ppb
Molybdenum	94-1	1.04	0.97	1.00	1.00	3.45	ppb
Molybdenum	95-1	1.51	1.52	1.52	1.52	0.20	ppb
Molybdenum	96-1	1.45	1.44	1.39	1.43	2.17	ppb
Molybdenum	97-1	1.46	1.43	1.46	1.45	1.07	ppb
Molybdenum	98-1	1.44	1.40	1.44	1.43	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.59	3.60	3.52	3.57	1.21	ppb
Phosphorus	31-2	-28.52	-20.39	-21.40	-23.43		ppb
Potassium	39-2	2058.74	2049.06	2022.35	2043.38	0.92	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.49	0.31	0.49	0.43	24.51	ppb
Selenium	78-2	0.30	0.35	0.53	0.39	30.80	ppb
Selenium	82-1	0.82	1.13	1.31	1.09	22.62	ppb
Silicon	28-1	6583.79	6587.99	6535.17	6568.98	0.45	ppb
Silver	109-1	0.01	0.00	0.00	0.00	25.37	ppb
Silver	107-1	0.01	0.01	0.01	0.01	39.95	ppb
Sodium	23-2	40865.74	40248.42	39990.55	40368.23	1.11	ppb
Strontium	86-1	600.12	591.91	598.76	596.93	0.74	ppb
Strontium	88-1	600.55	593.23	596.32	596.70	0.62	ppb
Sulfur	34-1	9407.66	9202.32	9156.40	9255.46	1.45	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.17	0.19	0.20	0.19	7.77	ppb
Thallium	205-1	0.19	0.18	0.20	0.19	3.78	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	12.13	ppb
Tin	118-1	0.04	0.04	0.05	0.04	14.16	ppb
Titanium	47-1	0.82	0.80	0.82	0.81	1.48	ppb
Uranium	238-1	1.07	1.06	1.10	1.08	1.84	ppb
Vanadium	51-2	3.74	3.70	3.60	3.68	2.00	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-03	Instrumnet Name :	P7
Client Sample ID :	SS037MW266-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:19:22	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	26.76	26.97	26.94	26.89	0.43	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	81.87	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	53.76	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-04	Instrumnet Name :	P7
Client Sample ID :	SS038MW050-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:23:01	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.84	3.13	3.57	3.51	10.32	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	5.59	ppb
Arsenic	75-2	80.06	78.82	79.38	79.42	0.78	ppb
Barium	135-1	229.57	229.16	229.80	229.51	0.14	ppb
Barium	137-1	229.70	229.13	228.43	229.08	0.28	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	10.62	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	250.95	252.31	255.26	252.84	0.87	ppb
Boron	11-1	258.67	258.96	258.57	258.74	0.08	ppb
Cadmium	111-1	0.06	0.03	0.09	0.06	43.47	ppb
Cadmium	106-1	0.64	0.37	1.04	0.68	49.71	ppb
Cadmium	108-1	0.06	0.07	0.06	0.06	9.44	ppb
Calcium	43-1	79116.00	78959.21	80395.92	79490.38	0.99	ppb
Calcium	44-1	79451.41	78766.57	79381.79	79199.92	0.48	ppb
Chromium	52-2	0.35	0.35	0.34	0.35	2.48	ppb
Cobalt	59-2	0.11	0.11	0.11	0.11	2.48	ppb
Copper	63-2	0.22	0.20	0.17	0.20	13.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	6408.35	6426.52	6333.89	6389.59	0.77	ppb
Iron	57-2	6293.67	6406.33	6307.18	6335.73	0.97	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.22	0.21	0.23	8.47	ppb
Lead	207-1	0.24	0.21	0.22	0.22	5.98	ppb
Lead	208-1	0.23	0.22	0.23	0.23	3.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	12385.51	12427.79	12352.40	12388.57	0.31	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-04	Instrumnet Name :	P7
Client Sample ID :	SS038MW050-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:23:01	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	431.64	435.70	428.84	432.06	0.80	ppb
Molybdenum	94-1	1.98	1.93	1.96	1.96	1.38	ppb
Molybdenum	95-1	2.84	2.79	2.85	2.83	1.08	ppb
Molybdenum	96-1	2.76	2.62	2.71	2.69	2.62	ppb
Molybdenum	97-1	2.80	2.82	2.80	2.81	0.36	ppb
Molybdenum	98-1	2.81	2.79	2.80	2.80	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.53	1.61	1.49	1.54	4.27	ppb
Phosphorus	31-2	27.79	32.97	14.75	25.17	37.29	ppb
Potassium	39-2	1227.14	1192.16	1202.40	1207.23	1.49	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.12	0.12	0.31	0.18	57.28	ppb
Selenium	78-2	0.05	-0.23	-0.38	-0.19		ppb
Selenium	82-1	0.73	1.08	0.92	0.91	19.48	ppb
Silicon	28-1	7770.92	7763.16	7777.13	7770.41	0.09	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.69	ppb
Silver	107-1	0.00	0.01	0.01	0.01	36.91	ppb
Sodium	23-2	41452.63	41828.46	41531.76	41604.28	0.48	ppb
Strontium	86-1	385.64	375.96	380.59	380.73	1.27	ppb
Strontium	88-1	388.55	380.66	383.55	384.25	1.04	ppb
Sulfur	34-1	458.24	475.62	471.51	468.46	1.94	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.12	0.13	0.12	0.12	3.29	ppb
Thallium	205-1	0.12	0.13	0.14	0.13	6.67	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	3.36	ppb
Tin	118-1	0.03	0.04	0.04	0.04	10.21	ppb
Titanium	47-1	0.98	0.94	0.94	0.95	2.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	30.64	ppb
Vanadium	51-2	0.06	0.06	0.05	0.06	4.12	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-04	Instrumnet Name :	P7
Client Sample ID :	SS038MW050-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:23:01	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.90	6.11	5.96	5.99	1.83	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	51.71	ppb
Zirconium	91-1	0.06	0.05	0.04	0.05	22.11	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:26:39	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.17	2.25	2.78	2.40	13.84	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	9.67	ppb
Arsenic	75-2	86.92	85.61	87.56	86.70	1.15	ppb
Barium	135-1	507.21	507.15	511.70	508.69	0.51	ppb
Barium	137-1	509.48	504.07	510.04	507.86	0.65	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	13.36	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	416.18	429.73	430.07	425.33	1.86	ppb
Boron	11-1	434.15	441.32	443.70	439.72	1.13	ppb
Cadmium	111-1	0.00	0.04	0.06	0.03	98.01	ppb
Cadmium	106-1	-0.13	0.42	0.76	0.35	129.06	ppb
Cadmium	108-1	0.09	0.08	0.05	0.07	29.81	ppb
Calcium	43-1	77937.57	78236.37	77435.22	77869.72	0.52	ppb
Calcium	44-1	77618.55	78419.02	77978.29	78005.29	0.51	ppb
Chromium	52-2	0.33	0.35	0.32	0.34	5.66	ppb
Cobalt	59-2	0.38	0.37	0.35	0.37	4.65	ppb
Copper	63-2	4.49	4.40	4.51	4.47	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	5649.50	5551.19	5702.12	5634.27	1.36	ppb
Iron	57-2	5652.67	5512.04	5656.62	5607.11	1.47	ppb
Krypton	83-1						cps
Lead	206-1	0.74	0.72	0.70	0.72	2.68	ppb
Lead	207-1	0.67	0.70	0.70	0.69	2.22	ppb
Lead	208-1	0.71	0.69	0.70	0.70	1.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	13307.32	13108.58	13178.33	13198.07	0.76	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-05 Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:26:39 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	360.29	355.83	364.40	360.17	1.19	ppb
Molybdenum	94-1	2.42	2.29	2.32	2.34	2.93	ppb
Molybdenum	95-1	3.30	3.39	3.32	3.34	1.38	ppb
Molybdenum	96-1	3.27	3.31	3.26	3.28	0.66	ppb
Molybdenum	97-1	3.41	3.32	3.34	3.36	1.38	ppb
Molybdenum	98-1	3.37	3.25	3.30	3.31	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.12	27.24	27.61	27.32	0.93	ppb
Phosphorus	31-2	46.07	29.50	27.12	34.23	30.16	ppb
Potassium	39-2	1012.68	997.73	1025.59	1012.00	1.38	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	-0.06	-0.06	-0.06	-0.06		ppb
Selenium	78-2	0.06	0.36	-0.40	0.00	8081.82	ppb
Selenium	82-1	0.78	0.72	0.96	0.82	15.36	ppb
Silicon	28-1	8268.09	8226.22	8252.57	8248.96	0.26	ppb
Silver	109-1	0.00	0.01	0.00	0.00	31.93	ppb
Silver	107-1	0.00	0.01	0.01	0.01	29.86	ppb
Sodium	23-2	55535.02	55371.46	55879.37	55595.29	0.47	ppb
Strontium	86-1	356.70	350.60	354.24	353.85	0.87	ppb
Strontium	88-1	361.77	357.60	359.11	359.49	0.59	ppb
Sulfur	34-1	518.62	545.11	485.39	516.37	5.80	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.11	0.11	0.10	7.37	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	6.14	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	15.50	ppb
Tin	118-1	0.05	0.06	0.06	0.06	10.31	ppb
Titanium	47-1	1.09	0.90	0.96	0.98	10.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	56.99	ppb
Vanadium	51-2	0.15	0.18	0.14	0.16	13.64	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:26:39	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	21.54	20.90	21.70	21.38	1.99	ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	22.24	ppb
Zirconium	91-1	0.07	0.07	0.07	0.07	5.18	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-05DUP Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115DL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:30:17 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.69	2.23	2.21	2.38	11.57	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	11.68	ppb
Arsenic	75-2	88.51	88.79	87.27	88.19	0.92	ppb
Barium	135-1	515.78	518.15	510.44	514.79	0.77	ppb
Barium	137-1	508.62	515.43	505.81	509.95	0.97	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	10.98	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	428.81	443.67	436.80	436.43	1.70	ppb
Boron	11-1	440.80	446.25	455.71	447.59	1.69	ppb
Cadmium	111-1	0.03	0.04	0.06	0.04	40.62	ppb
Cadmium	106-1	0.21	0.33	0.69	0.41	60.42	ppb
Cadmium	108-1	0.03	0.09	0.12	0.08	59.15	ppb
Calcium	43-1	79181.45	78901.46	78307.98	78796.97	0.57	ppb
Calcium	44-1	79124.89	79020.43	78369.13	78838.15	0.52	ppb
Chromium	52-2	0.32	0.33	0.30	0.32	4.73	ppb
Cobalt	59-2	0.37	0.36	0.36	0.36	1.46	ppb
Copper	63-2	4.63	4.52	4.67	4.61	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	5673.02	5642.07	5654.71	5656.60	0.28	ppb
Iron	57-2	5619.33	5586.02	5601.54	5602.30	0.30	ppb
Krypton	83-1						cps
Lead	206-1	0.71	0.71	0.74	0.72	2.18	ppb
Lead	207-1	0.66	0.70	0.69	0.68	2.51	ppb
Lead	208-1	0.70	0.71	0.71	0.71	0.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	13428.12	13444.33	13388.19	13420.21	0.22	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05DUP	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115DL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:30:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	360.45	365.19	362.31	362.65	0.66	ppb
Molybdenum	94-1	2.32	2.40	2.43	2.38	2.37	ppb
Molybdenum	95-1	3.41	3.42	3.33	3.39	1.43	ppb
Molybdenum	96-1	3.35	3.34	3.29	3.33	0.98	ppb
Molybdenum	97-1	3.46	3.45	3.41	3.44	0.86	ppb
Molybdenum	98-1	3.39	3.38	3.30	3.36	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.75	27.81	27.92	27.83	0.32	ppb
Phosphorus	31-2	36.98	37.00	32.67	35.55	7.01	ppb
Potassium	39-2	1018.99	1020.05	1033.57	1024.20	0.79	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	-0.06	-0.06	-0.06	-0.06		ppb
Selenium	78-2	-0.31	-0.14	0.29	-0.06		ppb
Selenium	82-1	0.74	0.78	0.90	0.81	10.76	ppb
Silicon	28-1	8373.57	8437.96	8332.88	8381.47	0.63	ppb
Silver	109-1	0.00	0.01	0.00	0.00	78.60	ppb
Silver	107-1	0.01	0.01	0.00	0.01	33.98	ppb
Sodium	23-2	56573.06	55816.60	56377.35	56255.67	0.70	ppb
Strontium	86-1	362.79	361.21	362.07	362.02	0.22	ppb
Strontium	88-1	367.23	366.92	364.96	366.37	0.34	ppb
Sulfur	34-1	515.39	600.98	531.50	549.29	8.28	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.10	0.09	0.09	6.05	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	3.95	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	5.18	ppb
Tin	118-1	0.05	0.07	0.05	0.06	18.02	ppb
Titanium	47-1	1.00	1.05	1.05	1.04	2.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	43.13	ppb
Vanadium	51-2	0.16	0.14	0.17	0.16	7.97	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05DUP	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115DL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:30:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.01	21.42	22.02	21.82	1.58	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	20.19	ppb
Zirconium	91-1	0.05	0.07	0.06	0.06	9.83	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:34:46	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53847.89	53284.18	53662.89	53598.32	0.54	ppb
Antimony	121-1	486.64	500.17	504.74	497.18	1.89	ppb
Arsenic	75-2	496.77	493.00	494.77	494.85	0.38	ppb
Barium	135-1	2474.43	2550.25	2596.24	2540.30	2.42	ppb
Barium	137-1	2463.95	2551.96	2592.08	2536.00	2.58	ppb
Beryllium	9-1	489.92	495.59	502.54	496.02	1.27	ppb
Bismuth	209-1				82		%
Bismuth	209-2				79		%
Boron	10-1	487.78	498.18	509.03	498.33	2.13	ppb
Boron	11-1	492.58	495.77	509.33	499.23	1.78	ppb
Cadmium	111-1	466.11	482.52	492.26	480.29	2.75	ppb
Cadmium	106-1	491.52	505.10	517.96	504.86	2.62	ppb
Cadmium	108-1	487.02	499.13	506.21	497.46	1.95	ppb
Calcium	43-1	232633.67	240215.44	247280.55	240043.22	3.05	ppb
Calcium	44-1	233917.87	239904.21	246210.34	240010.81	2.56	ppb
Chromium	52-2	500.95	502.82	499.31	501.03	0.35	ppb
Cobalt	59-2	478.85	477.93	478.26	478.34	0.10	ppb
Copper	63-2	947.78	940.21	946.18	944.72	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	129160.25	127287.93	127816.41	128088.20	0.75	ppb
Iron	57-2	129560.58	128761.76	127672.41	128664.92	0.74	ppb
Krypton	83-1						cps
Lead	206-1	511.98	520.03	520.64	517.55	0.93	ppb
Lead	207-1	506.54	515.45	518.63	513.54	1.22	ppb
Lead	208-1	507.93	517.51	518.98	514.81	1.17	ppb
Lithium	6-1				100		%
Magnesium	24-2	262318.79	264483.55	263827.87	263543.40	0.42	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:34:46	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	982.58	973.48	982.21	979.42	0.53	ppb
Molybdenum	94-1	2468.36	2546.91	2521.50	2512.26	1.60	ppb
Molybdenum	95-1	2462.75	2536.21	2533.60	2510.85	1.66	ppb
Molybdenum	96-1	2479.64	2527.64	2521.34	2509.54	1.04	ppb
Molybdenum	97-1	2477.25	2519.75	2501.58	2499.53	0.85	ppb
Molybdenum	98-1	2487.36	2527.78	2496.51	2503.88	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.39	481.31	484.51	482.74	0.34	ppb
Phosphorus	31-2	10399.89	10308.85	10223.91	10310.88	0.85	ppb
Potassium	39-2	126884.80	125422.05	125866.34	126057.73	0.59	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	485.91	493.84	488.64	489.46	0.82	ppb
Selenium	78-2	491.13	494.87	484.87	490.29	1.03	ppb
Selenium	82-1	465.15	478.43	477.06	473.55	1.54	ppb
Silicon	28-1	406.75	423.67	438.92	423.11	3.80	ppb
Silver	109-1	472.27	484.28	495.85	484.13	2.44	ppb
Silver	107-1	474.20	487.78	494.61	485.53	2.14	ppb
Sodium	23-2	252779.91	254258.26	254804.93	253947.70	0.41	ppb
Strontium	86-1	489.32	498.93	503.65	497.30	1.47	ppb
Strontium	88-1	497.24	503.18	507.62	502.68	1.04	ppb
Sulfur	34-1	10632.20	10974.43	11395.90	11000.84	3.48	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	518.52	527.13	527.46	524.37	0.97	ppb
Thallium	205-1	514.05	526.34	528.92	523.11	1.52	ppb
Thorium	232-1	523.22	534.33	537.23	531.59	1.39	ppb
Tin	118-1	490.34	502.91	509.93	501.06	1.98	ppb
Titanium	47-1	2475.34	2542.25	2571.48	2529.69	1.95	ppb
Uranium	238-1	520.24	527.09	533.43	526.92	1.25	ppb
Vanadium	51-2	502.58	505.25	501.79	503.21	0.36	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:34:46	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	997.51	996.51	997.70	997.24	0.06	ppb
Zirconium	90-1	497.69	512.74	506.73	505.72	1.50	ppb
Zirconium	91-1	488.83	502.84	499.50	497.06	1.47	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P7
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:39:10	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.81	1.43	1.28	1.17	27.55	ppb
Antimony	121-1	0.14	0.14	0.12	0.14	8.24	ppb
Arsenic	75-2	0.02	0.05	0.00	0.03	107.70	ppb
Barium	135-1	0.06	0.06	0.06	0.06	2.22	ppb
Barium	137-1	0.06	0.07	0.05	0.06	13.14	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	4.56	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	15.00	13.34	13.08	13.81	7.52	ppb
Boron	11-1	14.33	14.10	12.96	13.79	5.33	ppb
Cadmium	111-1	0.09	0.04	0.08	0.07	34.53	ppb
Cadmium	106-1	0.63	0.14	0.61	0.46	60.33	ppb
Cadmium	108-1	0.07	0.07	0.05	0.06	16.18	ppb
Calcium	43-1	8.41	5.89	5.97	6.76	21.21	ppb
Calcium	44-1	5.29	4.94	4.19	4.81	11.74	ppb
Chromium	52-2	-0.01	0.01	-0.01	0.00		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	3.99	ppb
Copper	63-2	0.09	0.08	0.08	0.08	5.09	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				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	3.02	2.90	3.04	2.99	2.42	ppb
Iron	57-2	2.56	2.62	2.71	2.63	2.79	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	2.61	ppb
Lead	207-1	0.04	0.04	0.03	0.04	20.08	ppb
Lead	208-1	0.04	0.04	0.03	0.04	9.55	ppb
Lithium	6-1				108		%
Magnesium	24-2	5.26	5.73	5.88	5.62	5.73	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P7
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:39:10	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	7.92	ppb
Molybdenum	94-1	0.25	0.18	0.18	0.21	19.25	ppb
Molybdenum	95-1	0.32	0.27	0.23	0.27	15.77	ppb
Molybdenum	96-1	0.29	0.26	0.27	0.27	6.78	ppb
Molybdenum	97-1	0.29	0.23	0.23	0.25	12.60	ppb
Molybdenum	98-1	0.30	0.25	0.25	0.27	10.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.01	0.01	70.95	ppb
Phosphorus	31-2	-27.76	-36.24	-29.26	-31.09		ppb
Potassium	39-2	24.04	21.45	21.17	22.22	7.11	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	77-2	-0.06	-0.06	0.11	0.00		ppb
Selenium	78-2	0.00	0.12	0.06	0.06	103.01	ppb
Selenium	82-1	-0.05	0.19	0.10	0.08	154.51	ppb
Silicon	28-1	4.46	4.28	3.78	4.17	8.51	ppb
Silver	109-1	0.03	0.03	0.03	0.03	2.59	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.53	ppb
Sodium	23-2	37.13	35.57	35.33	36.01	2.71	ppb
Strontium	86-1	-0.01	-0.01	-0.02	-0.01		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	12.70	ppb
Sulfur	34-1	404.46	415.06	284.81	368.11	19.65	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.12	0.11	0.09	0.11	14.96	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	6.18	ppb
Thorium	232-1	0.07	0.06	0.05	0.06	13.39	ppb
Tin	118-1	0.08	0.07	0.08	0.08	10.25	ppb
Titanium	47-1	0.13	0.09	0.10	0.11	16.23	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.08	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	17.35	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P7
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:39:10	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.10	0.10	0.12	0.11	13.68	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	8.33	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	28.44	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05LX5	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-22 14:42:45	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.59	0.83	0.55	0.66	23.22	ppb
Antimony	121-1	0.06	0.05	0.06	0.06	7.06	ppb
Arsenic	75-2	17.84	18.16	17.46	17.82	1.97	ppb
Barium	135-1	100.97	100.06	100.13	100.39	0.50	ppb
Barium	137-1	99.69	99.25	99.97	99.64	0.37	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	18.95	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	89.95	89.50	89.73	89.73	0.25	ppb
Boron	11-1	92.13	90.98	92.34	91.81	0.80	ppb
Cadmium	111-1	0.06	0.06	0.11	0.08	39.61	ppb
Cadmium	106-1	0.42	0.57	1.37	0.79	64.62	ppb
Cadmium	108-1	0.03	0.02	0.05	0.04	39.20	ppb
Calcium	43-1	15370.22	15125.74	15247.28	15247.75	0.80	ppb
Calcium	44-1	15459.32	15414.09	15218.74	15364.05	0.83	ppb
Chromium	52-2	0.05	0.05	0.07	0.06	27.40	ppb
Cobalt	59-2	0.07	0.07	0.07	0.07	1.52	ppb
Copper	63-2	0.93	0.98	0.97	0.96	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	1128.97	1122.75	1115.22	1122.31	0.61	ppb
Iron	57-2	1110.09	1105.03	1100.03	1105.05	0.46	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.15	0.16	4.80	ppb
Lead	207-1	0.16	0.15	0.14	0.15	4.96	ppb
Lead	208-1	0.16	0.16	0.15	0.16	1.00	ppb
Lithium	6-1				107		%
Magnesium	24-2	2565.67	2559.64	2552.02	2559.11	0.27	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05LX5	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-22 14:42:45	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	71.57	70.60	71.41	71.19	0.73	ppb
Molybdenum	94-1	0.48	0.53	0.55	0.52	6.86	ppb
Molybdenum	95-1	0.74	0.73	0.71	0.73	2.11	ppb
Molybdenum	96-1	0.71	0.72	0.72	0.71	0.70	ppb
Molybdenum	97-1	0.72	0.65	0.73	0.70	5.74	ppb
Molybdenum	98-1	0.74	0.73	0.70	0.72	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.60	5.59	5.53	5.57	0.70	ppb
Phosphorus	31-2	-18.11	-19.96	-18.43	-18.83		ppb
Potassium	39-2	212.84	219.34	216.07	216.09	1.50	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	77-2	-0.06	0.29	0.11	0.11	153.04	ppb
Selenium	78-2	0.22	-0.56	-0.07	-0.14		ppb
Selenium	82-1	0.04	0.08	0.56	0.23	128.50	ppb
Silicon	28-1	1676.03	1645.86	1623.13	1648.34	1.61	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.45	ppb
Silver	107-1	0.01	0.01	0.00	0.01	42.96	ppb
Sodium	23-2	11024.96	11041.67	10888.35	10984.99	0.77	ppb
Strontium	86-1	69.75	69.67	69.61	69.67	0.10	ppb
Strontium	88-1	70.37	70.15	70.56	70.36	0.29	ppb
Sulfur	34-1	413.68	293.97	264.20	323.95	24.42	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.08	0.07	0.07	7.42	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	2.01	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	7.06	ppb
Tin	118-1	0.11	0.13	0.11	0.12	10.55	ppb
Titanium	47-1	0.28	0.27	0.26	0.27	3.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	59.44	ppb
Vanadium	51-2	0.03	0.04	0.04	0.03	13.68	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05LX5	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-22 14:42:45	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.72	4.74	4.56	4.67	2.16	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	18.67	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	22.46	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-06 Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115MS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:46:21 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9362.86	10114.92	10095.22	9857.67	4.35	ppb
Antimony	121-1	512.75	520.75	500.63	511.38	1.98	ppb
Arsenic	75-2	539.73	600.47	591.38	577.20	5.68	ppb
Barium	135-1	3117.39	3203.26	3058.95	3126.53	2.32	ppb
Barium	137-1	3118.88	3145.86	3040.11	3101.62	1.77	ppb
Beryllium	9-1	499.26	512.75	494.28	502.10	1.90	ppb
Bismuth	209-1				83		%
Bismuth	209-2				83		%
Boron	10-1	897.34	935.74	915.66	916.24	2.10	ppb
Boron	11-1	917.29	968.53	935.36	940.39	2.76	ppb
Cadmium	111-1	511.09	522.70	500.23	511.34	2.20	ppb
Cadmium	106-1	528.68	541.22	521.70	530.53	1.86	ppb
Cadmium	108-1	527.01	541.47	521.40	529.96	1.95	ppb
Calcium	43-1	126490.38	130468.02	125912.30	127623.56	1.94	ppb
Calcium	44-1	126108.25	130858.82	124373.22	127113.43	2.64	ppb
Chromium	52-2	453.03	501.41	495.79	483.41	5.47	ppb
Cobalt	59-2	456.39	499.38	496.88	484.22	4.98	ppb
Copper	63-2	954.39	1050.52	1032.26	1012.39	5.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	30025.75	32868.81	32410.03	31768.20	4.80	ppb
Iron	57-2	29495.76	32540.51	32010.72	31349.00	5.19	ppb
Krypton	83-1						cps
Lead	206-1	512.81	528.89	498.54	513.41	2.96	ppb
Lead	207-1	491.73	507.49	478.53	492.58	2.94	ppb
Lead	208-1	503.54	517.48	489.65	503.56	2.76	ppb
Lithium	6-1				100		%
Magnesium	24-2	61410.08	67237.69	66357.15	65001.64	4.83	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-06 Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115MS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:46:21 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1274.09	1401.47	1390.10	1355.22	5.20	ppb
Molybdenum	94-1	2593.68	2663.49	2569.89	2609.02	1.86	ppb
Molybdenum	95-1	2560.06	2637.82	2554.19	2584.02	1.81	ppb
Molybdenum	96-1	2575.07	2631.43	2566.29	2590.93	1.36	ppb
Molybdenum	97-1	2577.14	2627.54	2552.75	2585.81	1.47	ppb
Molybdenum	98-1	2569.41	2637.09	2535.77	2580.76	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.24	542.59	535.73	522.19	5.67	ppb
Phosphorus	31-2	31.28	33.41	54.42	39.70	32.20	ppb
Potassium	39-2	24515.21	26927.99	26635.12	26026.10	5.06	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	465.22	505.33	507.78	492.78	4.85	ppb
Selenium	78-2	464.18	519.24	511.18	498.20	5.97	ppb
Selenium	82-1	493.36	513.11	494.54	500.34	2.21	ppb
Silicon	28-1	8525.04	8790.60	8406.37	8574.00	2.29	ppb
Silver	109-1	21.18	13.75	14.08	16.34	25.69	ppb
Silver	107-1	14.30	14.59	31.03	19.97	47.95	ppb
Sodium	23-2	97494.90	106251.26	105243.82	102996.66	4.65	ppb
Strontium	86-1	847.49	882.71	854.85	861.68	2.16	ppb
Strontium	88-1	861.62	892.70	860.21	871.51	2.11	ppb
Sulfur	34-1	580.71	660.56	447.79	563.02	19.09	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	520.89	539.71	508.76	523.12	2.98	ppb
Thallium	205-1	520.54	537.16	504.78	520.83	3.11	ppb
Thorium	232-1	0.09	0.08	0.07	0.08	10.85	ppb
Tin	118-1	519.59	528.94	505.95	518.16	2.23	ppb
Titanium	47-1	2525.09	2574.57	2481.21	2526.96	1.85	ppb
Uranium	238-1	502.48	519.60	494.53	505.54	2.53	ppb
Vanadium	51-2	461.85	511.92	506.61	493.46	5.57	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-06	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:46:21	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	916.87	1011.65	1001.72	976.75	5.33	ppb
Zirconium	90-1	521.71	539.93	515.09	525.58	2.45	ppb
Zirconium	91-1	517.44	534.76	511.57	521.26	2.31	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-07 Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115MS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:50:03 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9730.17	9688.50	9914.64	9777.77	1.23	ppb
Antimony	121-1	499.73	497.07	495.38	497.39	0.44	ppb
Arsenic	75-2	574.86	573.33	585.10	577.76	1.11	ppb
Barium	135-1	3052.02	3044.23	3063.57	3053.27	0.32	ppb
Barium	137-1	3046.61	3030.92	3055.62	3044.38	0.41	ppb
Beryllium	9-1	492.02	490.68	492.38	491.69	0.18	ppb
Bismuth	209-1				84		%
Bismuth	209-2				82		%
Boron	10-1	907.02	914.74	919.91	913.89	0.71	ppb
Boron	11-1	929.91	938.81	949.79	939.50	1.06	ppb
Cadmium	111-1	501.06	502.63	502.93	502.21	0.20	ppb
Cadmium	106-1	519.12	519.87	524.80	521.26	0.59	ppb
Cadmium	108-1	520.91	514.39	518.93	518.08	0.65	ppb
Calcium	43-1	126756.97	124445.97	125127.48	125443.47	0.95	ppb
Calcium	44-1	126764.20	123703.54	124600.51	125022.75	1.26	ppb
Chromium	52-2	483.84	482.16	495.48	487.16	1.49	ppb
Cobalt	59-2	483.55	485.68	493.78	487.67	1.11	ppb
Copper	63-2	1018.51	1010.57	1035.02	1021.36	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	31928.23	31979.73	32512.15	32140.04	1.01	ppb
Iron	57-2	31247.75	31396.69	31848.09	31497.51	0.99	ppb
Krypton	83-1						cps
Lead	206-1	509.03	498.77	505.53	504.44	1.03	ppb
Lead	207-1	486.16	480.41	484.51	483.69	0.61	ppb
Lead	208-1	496.40	487.89	493.96	492.75	0.89	ppb
Lithium	6-1				101		%
Magnesium	24-2	64906.06	64286.01	65917.63	65036.56	1.27	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-07 Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115MS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:50:03 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1357.66	1363.92	1385.27	1368.95	1.06	ppb
Molybdenum	94-1	2546.68	2516.47	2544.43	2535.86	0.66	ppb
Molybdenum	95-1	2537.53	2500.04	2510.42	2515.99	0.77	ppb
Molybdenum	96-1	2544.21	2512.72	2508.16	2521.70	0.78	ppb
Molybdenum	97-1	2515.87	2503.95	2523.36	2514.39	0.39	ppb
Molybdenum	98-1	2526.40	2527.03	2511.93	2521.79	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.13	519.72	526.50	521.45	0.85	ppb
Phosphorus	31-2	48.58	38.52	31.29	39.46	22.01	ppb
Potassium	39-2	25970.23	26090.06	26333.00	26131.10	0.71	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	493.57	495.43	515.30	501.43	2.40	ppb
Selenium	78-2	494.50	497.80	496.94	496.41	0.35	ppb
Selenium	82-1	495.48	491.72	490.26	492.48	0.55	ppb
Silicon	28-1	8416.59	8395.21	8361.97	8391.26	0.33	ppb
Silver	109-1	13.59	27.21	14.14	18.31	42.09	ppb
Silver	107-1	14.08	24.68	14.41	17.72	34.01	ppb
Sodium	23-2	104070.97	103241.21	105772.77	104361.65	1.24	ppb
Strontium	86-1	854.95	838.88	845.41	846.41	0.95	ppb
Strontium	88-1	862.84	849.77	854.22	855.61	0.78	ppb
Sulfur	34-1	433.31	341.09	334.83	369.74	14.91	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	508.64	510.27	512.71	510.54	0.40	ppb
Thallium	205-1	510.27	508.82	511.13	510.08	0.23	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	3.65	ppb
Tin	118-1	508.11	499.14	503.74	503.67	0.89	ppb
Titanium	47-1	2513.88	2458.30	2486.69	2486.29	1.12	ppb
Uranium	238-1	493.07	490.15	495.74	492.99	0.57	ppb
Vanadium	51-2	493.65	491.60	501.44	495.56	1.05	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-07	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:50:03	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	969.83	971.97	993.70	978.50	1.35	ppb
Zirconium	90-1	517.19	511.56	509.48	512.74	0.78	ppb
Zirconium	91-1	512.59	508.88	510.53	510.67	0.36	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05A	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:53:48	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9872.13	9775.90	9866.78	9838.27	0.55	ppb
Antimony	121-1	501.85	496.69	502.71	500.41	0.65	ppb
Arsenic	75-2	584.14	576.83	579.88	580.29	0.63	ppb
Barium	135-1	3090.98	3032.31	3086.88	3070.06	1.07	ppb
Barium	137-1	3080.88	3041.74	3066.00	3062.87	0.65	ppb
Beryllium	9-1	491.70	495.85	495.43	494.33	0.46	ppb
Bismuth	209-1				85		%
Bismuth	209-2				83		%
Boron	10-1	907.58	920.58	930.45	919.54	1.25	ppb
Boron	11-1	933.87	947.65	951.55	944.36	0.98	ppb
Cadmium	111-1	503.52	499.83	506.82	503.39	0.69	ppb
Cadmium	106-1	520.01	521.58	523.36	521.65	0.32	ppb
Cadmium	108-1	511.39	515.46	523.61	516.82	1.20	ppb
Calcium	43-1	124274.80	123067.44	125204.70	124182.31	0.86	ppb
Calcium	44-1	124737.70	122344.61	124506.73	123863.01	1.07	ppb
Chromium	52-2	485.12	482.76	480.82	482.90	0.45	ppb
Cobalt	59-2	486.38	479.02	483.18	482.86	0.76	ppb
Copper	63-2	1024.15	1008.58	1008.12	1013.62	0.90	ppb
Dysprosium	156-1						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				97		%
Indium	115-2				97		%
Iron	56-2	32021.62	31518.52	31417.69	31652.61	1.02	ppb
Iron	57-2	31437.71	31303.04	31589.24	31443.33	0.46	ppb
Krypton	83-1						cps
Lead	206-1	505.55	503.42	505.89	504.96	0.27	ppb
Lead	207-1	482.92	480.35	486.69	483.32	0.66	ppb
Lead	208-1	496.28	492.67	495.29	494.75	0.38	ppb
Lithium	6-1				102		%
Magnesium	24-2	66110.34	65067.77	65327.18	65501.76	0.83	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05A	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:53:48	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1358.90	1370.83	1356.41	1362.05	0.57	ppb
Molybdenum	94-1	2577.81	2501.95	2529.72	2536.50	1.51	ppb
Molybdenum	95-1	2558.54	2528.42	2507.54	2531.50	1.01	ppb
Molybdenum	96-1	2566.22	2516.88	2514.65	2532.58	1.15	ppb
Molybdenum	97-1	2572.03	2529.06	2513.32	2538.14	1.20	ppb
Molybdenum	98-1	2551.39	2520.83	2507.49	2526.57	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.14	513.69	517.45	517.09	0.63	ppb
Phosphorus	31-2	42.57	34.26	33.75	36.86	13.44	ppb
Potassium	39-2	26237.59	25902.79	26131.44	26090.61	0.66	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	509.92	488.27	509.02	502.41	2.44	ppb
Selenium	78-2	501.66	496.53	503.15	500.45	0.69	ppb
Selenium	82-1	495.95	489.31	493.13	492.80	0.68	ppb
Silicon	28-1	8298.22	8331.81	8372.16	8334.07	0.44	ppb
Silver	109-1	13.81	20.67	16.44	16.97	20.41	ppb
Silver	107-1	14.19	14.47	14.70	14.45	1.79	ppb
Sodium	23-2	105218.91	103669.09	103239.22	104042.41	1.00	ppb
Strontium	86-1	854.73	854.54	843.03	850.77	0.79	ppb
Strontium	88-1	866.72	855.71	851.94	858.12	0.90	ppb
Sulfur	34-1	314.21	282.24	325.64	307.36	7.32	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	510.18	509.81	516.19	512.06	0.70	ppb
Thallium	205-1	508.02	509.37	512.39	509.93	0.44	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	6.44	ppb
Tin	118-1	505.12	502.66	506.17	504.65	0.36	ppb
Titanium	47-1	2489.98	2468.63	2479.72	2479.45	0.43	ppb
Uranium	238-1	496.07	490.94	498.16	495.06	0.75	ppb
Vanadium	51-2	492.64	490.35	492.01	491.67	0.24	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05A	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:53:48	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	976.32	963.07	977.02	972.14	0.81	ppb
Zirconium	90-1	522.30	507.91	513.15	514.45	1.42	ppb
Zirconium	91-1	516.55	506.19	509.55	510.76	1.04	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:57:31	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.60	5.90	6.79	6.77	12.58	ppb
Antimony	121-1	0.17	0.15	0.15	0.16	4.35	ppb
Arsenic	75-2	81.84	81.08	81.92	81.61	0.57	ppb
Barium	135-1	274.36	280.14	272.60	275.70	1.43	ppb
Barium	137-1	273.44	279.64	271.71	274.93	1.52	ppb
Beryllium	9-1	0.15	0.16	0.14	0.15	4.42	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Boron	10-1	261.12	262.69	260.07	261.29	0.50	ppb
Boron	11-1	270.31	274.45	268.77	271.18	1.08	ppb
Cadmium	111-1	0.16	0.14	0.24	0.18	30.84	ppb
Cadmium	106-1	0.27	0.15	1.57	0.66	118.74	ppb
Cadmium	108-1	0.13	0.20	0.19	0.17	23.17	ppb
Calcium	43-1	89558.25	92534.99	88945.10	90346.11	2.13	ppb
Calcium	44-1	89533.34	91121.85	89198.25	89951.15	1.14	ppb
Chromium	52-2	0.54	0.51	0.51	0.52	3.08	ppb
Cobalt	59-2	0.26	0.26	0.24	0.25	5.09	ppb
Copper	63-2	0.40	0.40	0.38	0.39	1.89	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				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	6892.64	6870.42	6774.87	6845.98	0.91	ppb
Iron	57-2	6764.72	6763.65	6726.16	6751.51	0.33	ppb
Krypton	83-1						cps
Lead	206-1	1.27	1.28	1.25	1.27	0.93	ppb
Lead	207-1	1.17	1.17	1.19	1.18	0.76	ppb
Lead	208-1	1.21	1.23	1.21	1.22	0.98	ppb
Lithium	6-1				103		%
Magnesium	24-2	13856.53	13694.31	13547.42	13699.42	1.13	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:57:31	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	252.98	253.08	249.50	251.85	0.81	ppb
Molybdenum	94-1	2.51	2.55	2.38	2.48	3.63	ppb
Molybdenum	95-1	3.36	3.29	3.10	3.25	4.06	ppb
Molybdenum	96-1	3.23	3.28	3.11	3.21	2.60	ppb
Molybdenum	97-1	3.32	3.39	3.15	3.28	3.78	ppb
Molybdenum	98-1	3.24	3.40	3.18	3.27	3.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.93	0.90	0.92	1.55	ppb
Phosphorus	31-2	21.62	1.91	12.67	12.07	81.78	ppb
Potassium	39-2	1345.83	1333.34	1316.29	1331.82	1.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	0.47	0.12	0.12	0.24	86.83	ppb
Selenium	78-2	0.06	-0.08	0.34	0.11	204.70	ppb
Selenium	82-1	1.16	1.17	1.04	1.12	6.22	ppb
Silicon	28-1	7228.31	7461.95	7255.83	7315.36	1.75	ppb
Silver	109-1	0.07	0.09	0.10	0.09	20.65	ppb
Silver	107-1	0.07	0.09	0.12	0.09	25.21	ppb
Sodium	23-2	36035.74	36022.20	35693.55	35917.16	0.54	ppb
Strontium	86-1	483.18	499.31	489.98	490.82	1.65	ppb
Strontium	88-1	495.33	508.54	491.15	498.34	1.82	ppb
Sulfur	34-1	311.75	507.22	372.23	397.07	25.20	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.22	0.23	0.22	0.22	3.91	ppb
Thallium	205-1	0.24	0.24	0.23	0.24	0.83	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	12.18	ppb
Tin	118-1	0.17	0.16	0.12	0.15	15.63	ppb
Titanium	47-1	1.30	1.38	1.37	1.35	3.09	ppb
Uranium	238-1	0.09	0.09	0.08	0.08	5.85	ppb
Vanadium	51-2	0.22	0.20	0.19	0.20	8.18	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:57:31	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.24	6.29	6.16	6.23	1.10	ppb
Zirconium	90-1	0.14	0.14	0.13	0.14	2.36	ppb
Zirconium	91-1	0.18	0.18	0.13	0.16	18.28	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-09	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:01:10	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.45	3.20	2.45	2.70	15.90	ppb
Antimony	121-1	0.07	0.07	0.08	0.07	12.40	ppb
Arsenic	75-2	148.22	146.25	146.50	146.99	0.73	ppb
Barium	135-1	299.12	295.03	294.97	296.37	0.80	ppb
Barium	137-1	298.84	292.14	294.91	295.29	1.14	ppb
Beryllium	9-1	0.06	0.07	0.06	0.06	13.54	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Boron	10-1	561.06	571.12	572.25	568.14	1.08	ppb
Boron	11-1	571.31	573.57	579.13	574.67	0.70	ppb
Cadmium	111-1	0.08	0.15	0.09	0.11	34.17	ppb
Cadmium	106-1	0.53	1.51	0.63	0.89	61.08	ppb
Cadmium	108-1	0.15	0.02	0.06	0.07	92.05	ppb
Calcium	43-1	106169.08	104106.44	104357.94	104877.82	1.07	ppb
Calcium	44-1	106179.92	104557.26	104836.79	105191.33	0.82	ppb
Chromium	52-2	0.50	0.51	0.52	0.51	1.93	ppb
Cobalt	59-2	0.15	0.15	0.15	0.15	1.44	ppb
Copper	63-2	0.30	0.29	0.30	0.30	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	5149.69	5091.23	5064.26	5101.73	0.86	ppb
Iron	57-2	5124.23	5100.71	5109.60	5111.51	0.23	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.36	0.37	0.36	2.45	ppb
Lead	207-1	0.31	0.33	0.31	0.32	3.82	ppb
Lead	208-1	0.33	0.33	0.33	0.33	0.68	ppb
Lithium	6-1				103		%
Magnesium	24-2	14150.34	13944.87	14015.72	14036.98	0.74	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-09	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:01:10	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	378.31	377.29	370.85	375.48	1.08	ppb
Molybdenum	94-1	0.64	0.58	0.63	0.62	5.39	ppb
Molybdenum	95-1	0.77	0.78	0.73	0.76	3.89	ppb
Molybdenum	96-1	0.77	0.74	0.73	0.75	2.22	ppb
Molybdenum	97-1	0.71	0.75	0.74	0.73	3.13	ppb
Molybdenum	98-1	0.75	0.71	0.73	0.73	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.52	5.39	5.41	5.44	1.22	ppb
Phosphorus	31-2	10.70	40.66	49.29	33.55	60.38	ppb
Potassium	39-2	1168.21	1160.02	1166.20	1164.81	0.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	0.12	-0.06	0.12	0.06	174.64	ppb
Selenium	78-2	0.33	0.11	0.18	0.20	55.07	ppb
Selenium	82-1	0.85	0.76	0.96	0.86	11.80	ppb
Silicon	28-1	8845.97	8674.21	8753.62	8757.93	0.98	ppb
Silver	109-1	0.08	0.11	0.12	0.10	18.05	ppb
Silver	107-1	0.09	0.10	0.12	0.10	14.93	ppb
Sodium	23-2	46228.57	45518.25	46008.64	45918.48	0.79	ppb
Strontium	86-1	395.20	389.74	393.57	392.84	0.71	ppb
Strontium	88-1	399.61	395.32	395.40	396.78	0.62	ppb
Sulfur	34-1	689.87	589.88	681.51	653.75	8.49	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.11	0.11	0.12	0.11	3.79	ppb
Thallium	205-1	0.12	0.11	0.12	0.12	3.10	ppb
Thorium	232-1	0.00	0.01	0.00	0.00	11.55	ppb
Tin	118-1	0.05	0.05	0.05	0.05	8.75	ppb
Titanium	47-1	1.25	1.11	1.19	1.19	5.88	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.04	ppb
Vanadium	51-2	0.57	0.51	0.53	0.54	4.89	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-09	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:01:10	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.77	10.17	10.14	10.03	2.21	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	6.86	ppb
Zirconium	91-1	0.14	0.14	0.11	0.13	12.16	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-10	Instrumnet Name :	P7
Client Sample ID :	DUP-0500-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:04:48	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.76	2.16	1.66	1.86	14.41	ppb
Antimony	121-1	0.06	0.04	0.06	0.05	23.96	ppb
Arsenic	75-2	80.84	80.78	80.50	80.71	0.22	ppb
Barium	135-1	236.68	233.53	228.42	232.87	1.79	ppb
Barium	137-1	234.26	232.60	226.19	231.02	1.84	ppb
Beryllium	9-1	0.06	0.04	0.04	0.05	26.83	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	267.02	265.77	267.56	266.79	0.34	ppb
Boron	11-1	274.92	274.66	276.44	275.34	0.35	ppb
Cadmium	111-1	0.06	0.11	0.06	0.08	38.91	ppb
Cadmium	106-1	0.50	1.23	0.58	0.77	51.88	ppb
Cadmium	108-1	0.05	0.08	0.11	0.08	37.94	ppb
Calcium	43-1	80125.02	79895.88	79651.96	79890.96	0.30	ppb
Calcium	44-1	80579.69	79527.97	79380.99	79829.55	0.82	ppb
Chromium	52-2	0.36	0.34	0.34	0.35	2.75	ppb
Cobalt	59-2	0.12	0.12	0.11	0.12	4.58	ppb
Copper	63-2	0.23	0.18	0.20	0.20	10.21	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				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	6594.55	6505.12	6497.42	6532.37	0.83	ppb
Iron	57-2	6470.92	6435.20	6409.95	6438.69	0.48	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.24	0.24	0.24	1.33	ppb
Lead	207-1	0.20	0.21	0.23	0.21	6.50	ppb
Lead	208-1	0.23	0.22	0.23	0.23	0.85	ppb
Lithium	6-1				103		%
Magnesium	24-2	12709.65	12513.77	12475.22	12566.22	1.00	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-10	Instrumnet Name :	P7
Client Sample ID :	DUP-0500-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:04:48	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	440.82	438.86	432.61	437.43	0.98	ppb
Molybdenum	94-1	1.96	2.00	1.95	1.97	1.18	ppb
Molybdenum	95-1	2.94	2.88	2.86	2.89	1.39	ppb
Molybdenum	96-1	2.90	2.76	2.75	2.80	3.03	ppb
Molybdenum	97-1	2.89	2.77	2.80	2.82	2.14	ppb
Molybdenum	98-1	2.82	2.79	2.80	2.80	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.68	1.54	1.59	4.68	ppb
Phosphorus	31-2	27.85	22.97	13.41	21.41	34.30	ppb
Potassium	39-2	1236.04	1225.48	1235.69	1232.40	0.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	-0.06	-0.06	-0.06	-0.06		ppb
Selenium	78-2	-0.10	-0.18	-0.20	-0.16		ppb
Selenium	82-1	0.91	0.86	0.71	0.83	12.42	ppb
Silicon	28-1	7884.32	7812.33	7843.66	7846.77	0.46	ppb
Silver	109-1	0.08	0.09	0.11	0.09	15.17	ppb
Silver	107-1	0.08	0.09	0.09	0.09	5.05	ppb
Sodium	23-2	42351.97	41869.10	41992.86	42071.31	0.60	ppb
Strontium	86-1	386.89	382.43	384.66	384.66	0.58	ppb
Strontium	88-1	394.09	382.51	381.80	386.13	1.79	ppb
Sulfur	34-1	600.98	451.88	508.90	520.59	14.45	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.09	0.10	0.09	4.41	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	5.01	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	7.95	ppb
Tin	118-1	0.03	0.02	0.03	0.03	24.04	ppb
Titanium	47-1	0.96	0.99	0.93	0.96	2.94	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	3.13	ppb
Vanadium	51-2	0.06	0.05	0.05	0.05	6.21	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-10	Instrumnet Name :	P7
Client Sample ID :	DUP-0500-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:04:48	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.46	5.24	5.54	5.41	2.80	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	24.50	ppb
Zirconium	91-1	0.07	0.05	0.03	0.05	41.90	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-01	Instrumnet Name :	P7
Client Sample ID :	WP022MW001-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:08:27	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.83	1.76	1.42	1.67	13.05	ppb
Antimony	121-1	0.06	0.07	0.05	0.06	12.84	ppb
Arsenic	75-2	0.59	0.54	0.56	0.56	4.39	ppb
Barium	135-1	60.10	59.17	58.13	59.14	1.67	ppb
Barium	137-1	59.59	59.24	57.63	58.82	1.77	ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	18.77	ppb
Bismuth	209-1				86		%
Bismuth	209-2				84		%
Boron	10-1	483.16	495.45	483.11	487.24	1.46	ppb
Boron	11-1	490.85	506.52	500.37	499.24	1.58	ppb
Cadmium	111-1	0.09	0.18	0.06	0.11	58.65	ppb
Cadmium	106-1	0.42	1.34	-0.04	0.57	122.72	ppb
Cadmium	108-1	0.19	0.07	0.17	0.14	45.95	ppb
Calcium	43-1	125745.79	124546.96	121743.48	124012.07	1.66	ppb
Calcium	44-1	125661.71	124843.80	120948.87	123818.13	2.03	ppb
Chromium	52-2	1.50	1.43	1.43	1.45	2.99	ppb
Cobalt	59-2	0.21	0.18	0.18	0.19	8.06	ppb
Copper	63-2	0.95	0.89	0.81	0.88	7.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	4.57	3.93	3.75	4.08	10.53	ppb
Iron	57-2	258.44	254.06	241.59	251.36	3.48	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.06	0.06	11.24	ppb
Lead	207-1	0.06	0.06	0.05	0.06	16.64	ppb
Lead	208-1	0.06	0.05	0.05	0.06	3.51	ppb
Lithium	6-1				102		%
Magnesium	24-2	29393.15	28461.54	27462.31	28439.00	3.40	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-01	Instrumnet Name :	P7
Client Sample ID :	WP022MW001-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:08:27	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.77	97.25	94.44	97.82	3.78	ppb
Molybdenum	94-1	1.45	1.44	1.41	1.43	1.64	ppb
Molybdenum	95-1	1.78	1.93	1.87	1.86	3.92	ppb
Molybdenum	96-1	1.81	1.80	1.76	1.79	1.28	ppb
Molybdenum	97-1	2.07	1.94	1.96	1.99	3.43	ppb
Molybdenum	98-1	1.87	1.88	1.81	1.85	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.31	12.82	12.66	12.93	2.64	ppb
Phosphorus	31-2	-2.33	-0.49	-22.46	-8.43		ppb
Potassium	39-2	1826.92	1791.37	1724.99	1781.09	2.90	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	1.61	1.94	2.05	1.87	12.32	ppb
Selenium	78-2	2.71	1.87	1.62	2.07	27.59	ppb
Selenium	82-1	3.57	3.80	3.79	3.72	3.44	ppb
Silicon	28-1	10040.66	10005.88	9785.99	9944.18	1.39	ppb
Silver	109-1	0.05	0.07	0.07	0.06	15.40	ppb
Silver	107-1	0.06	0.07	0.07	0.06	9.37	ppb
Sodium	23-2	88286.59	85425.96	82416.53	85376.36	3.44	ppb
Strontium	86-1	873.96	880.93	862.47	872.46	1.07	ppb
Strontium	88-1	887.52	883.55	867.66	879.57	1.20	ppb
Sulfur	34-1	35020.81	35114.07	34041.20	34725.36	1.71	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.10	0.10	0.10	2.98	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	3.91	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	16.48	ppb
Tin	118-1	0.06	0.04	0.04	0.05	28.84	ppb
Titanium	47-1	1.24	1.18	1.19	1.20	2.78	ppb
Uranium	238-1	3.99	4.02	3.78	3.93	3.30	ppb
Vanadium	51-2	3.38	3.39	3.24	3.34	2.62	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-01	Instrumnet Name :	P7
Client Sample ID :	WP022MW001-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:08:27	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.68	7.38	6.83	7.30	5.85	ppb
Zirconium	90-1	0.08	0.06	0.09	0.08	14.20	ppb
Zirconium	91-1	0.07	0.09	0.10	0.09	13.24	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-02	Instrumnet Name :	P7
Client Sample ID :	ST010MW005-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:12:08	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.85	8.74	9.82	9.14	6.51	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	5.71	ppb
Arsenic	75-2	2.62	2.48	2.34	2.48	5.77	ppb
Barium	135-1	91.08	91.37	90.62	91.02	0.41	ppb
Barium	137-1	90.13	91.47	90.98	90.86	0.74	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	5.15	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Boron	10-1	633.49	653.04	650.03	645.52	1.63	ppb
Boron	11-1	653.73	666.67	669.24	663.21	1.25	ppb
Cadmium	111-1	0.12	0.09	0.10	0.10	16.21	ppb
Cadmium	106-1	1.30	0.76	0.94	1.00	27.45	ppb
Cadmium	108-1	0.10	0.14	0.17	0.13	26.34	ppb
Calcium	43-1	89568.23	88882.00	90619.02	89689.75	0.98	ppb
Calcium	44-1	88510.67	89340.75	89991.15	89280.86	0.83	ppb
Chromium	52-2	5.61	5.79	5.65	5.68	1.68	ppb
Cobalt	59-2	0.12	0.11	0.11	0.11	8.47	ppb
Copper	63-2	1.20	1.19	1.17	1.19	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	142.94	143.95	142.80	143.23	0.44	ppb
Iron	57-2	316.29	319.58	323.04	319.64	1.06	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.13	0.13	0.92	ppb
Lead	207-1	0.12	0.11	0.12	0.12	3.80	ppb
Lead	208-1	0.12	0.12	0.12	0.12	0.92	ppb
Lithium	6-1				104		%
Magnesium	24-2	42815.08	43643.79	43452.52	43303.80	1.00	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-02	Instrumnet Name :	P7
Client Sample ID :	ST010MW005-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:12:08	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	22.68	22.92	22.48	22.69	0.96	ppb
Molybdenum	94-1	1.72	1.78	1.67	1.72	3.02	ppb
Molybdenum	95-1	2.26	2.33	2.29	2.29	1.56	ppb
Molybdenum	96-1	2.23	2.23	2.24	2.23	0.19	ppb
Molybdenum	97-1	2.23	2.28	2.31	2.27	1.79	ppb
Molybdenum	98-1	2.26	2.34	2.27	2.29	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.40	6.69	6.63	6.58	2.31	ppb
Phosphorus	31-2	-29.42	-16.21	-32.15	-25.93		ppb
Potassium	39-2	221.80	228.47	225.85	225.37	1.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	0.48	0.48	0.65	0.54	18.37	ppb
Selenium	78-2	0.99	0.80	0.57	0.79	26.57	ppb
Selenium	82-1	0.86	0.82	1.08	0.92	15.25	ppb
Silicon	28-1	4885.50	4915.61	4942.27	4914.46	0.58	ppb
Silver	109-1	0.27	0.34	0.39	0.33	19.20	ppb
Silver	107-1	0.26	0.33	0.37	0.32	17.62	ppb
Sodium	23-2	22975.20	23377.19	23202.49	23184.96	0.87	ppb
Strontium	86-1	984.89	982.63	981.03	982.85	0.20	ppb
Strontium	88-1	990.91	991.16	984.42	988.83	0.39	ppb
Sulfur	34-1	7209.60	7323.63	7492.20	7341.81	1.94	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.07	0.07	0.07	4.20	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	2.50	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	4.53	ppb
Tin	118-1	0.08	0.08	0.09	0.08	4.23	ppb
Titanium	47-1	0.76	0.74	1.00	0.83	17.46	ppb
Uranium	238-1	3.11	3.20	3.13	3.15	1.60	ppb
Vanadium	51-2	0.54	0.55	0.53	0.54	1.62	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-02	Instrumnet Name :	P7
Client Sample ID :	ST010MW005-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:12:08	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.28	11.44	11.02	11.24	1.89	ppb
Zirconium	90-1	0.06	0.12	0.06	0.08	41.46	ppb
Zirconium	91-1	0.07	0.07	0.08	0.07	5.56	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0499-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:15:44	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.65	12.69	12.17	12.17	4.27	ppb
Antimony	121-1	0.08	0.07	0.08	0.08	4.01	ppb
Arsenic	75-2	2.71	2.77	3.13	2.87	8.02	ppb
Barium	135-1	89.00	90.28	89.83	89.70	0.72	ppb
Barium	137-1	88.78	88.98	88.69	88.82	0.17	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	16.30	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	622.11	631.67	635.73	629.83	1.11	ppb
Boron	11-1	640.24	643.65	648.23	644.04	0.62	ppb
Cadmium	111-1	0.14	0.15	0.09	0.13	27.25	ppb
Cadmium	106-1	1.61	1.46	0.66	1.24	40.82	ppb
Cadmium	108-1	0.12	0.00	0.06	0.06	106.56	ppb
Calcium	43-1	86841.85	87669.58	87227.92	87246.45	0.47	ppb
Calcium	44-1	85893.97	87692.73	86771.25	86785.98	1.04	ppb
Chromium	52-2	6.24	6.11	6.03	6.13	1.68	ppb
Cobalt	59-2	0.13	0.13	0.12	0.13	5.18	ppb
Copper	63-2	1.36	1.25	1.27	1.29	4.60	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				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	183.85	183.65	183.28	183.60	0.16	ppb
Iron	57-2	351.15	360.88	361.68	357.90	1.64	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.10	0.11	1.13	ppb
Lead	207-1	0.10	0.09	0.11	0.10	6.59	ppb
Lead	208-1	0.11	0.11	0.11	0.11	0.43	ppb
Lithium	6-1				105		%
Magnesium	24-2	43837.18	42991.89	43394.24	43407.77	0.97	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0499-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:15:44	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.14	27.02	27.10	27.09	0.23	ppb
Molybdenum	94-1	1.62	1.72	1.79	1.71	4.91	ppb
Molybdenum	95-1	2.25	2.37	2.40	2.34	3.42	ppb
Molybdenum	96-1	2.24	2.28	2.28	2.27	0.94	ppb
Molybdenum	97-1	2.35	2.39	2.32	2.35	1.42	ppb
Molybdenum	98-1	2.31	2.43	2.39	2.38	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.45	7.36	7.10	7.30	2.52	ppb
Phosphorus	31-2	-20.14	-31.03	-28.05	-26.41		ppb
Potassium	39-2	239.82	236.27	236.96	237.68	0.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	1.22	0.30	0.49	0.67	72.21	ppb
Selenium	78-2	0.22	0.36	0.28	0.29	24.52	ppb
Selenium	82-1	1.01	0.91	0.71	0.88	17.51	ppb
Silicon	28-1	4843.75	4902.12	4878.42	4874.76	0.60	ppb
Silver	109-1	0.27	0.31	0.37	0.31	16.32	ppb
Silver	107-1	0.26	0.29	0.35	0.30	14.21	ppb
Sodium	23-2	23557.95	23069.03	23187.76	23271.58	1.10	ppb
Strontium	86-1	958.28	957.30	957.12	957.57	0.07	ppb
Strontium	88-1	966.71	965.51	960.55	964.26	0.34	ppb
Sulfur	34-1	7022.83	7249.96	7140.30	7137.70	1.59	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.06	0.07	0.06	5.46	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	3.45	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	8.07	ppb
Tin	118-1	0.08	0.09	0.09	0.08	6.21	ppb
Titanium	47-1	0.84	0.85	0.74	0.81	7.47	ppb
Uranium	238-1	2.96	2.93	2.97	2.95	0.72	ppb
Vanadium	51-2	0.53	0.46	0.52	0.50	6.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0499-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:15:44	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.53	15.59	15.27	15.46	1.09	ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	13.57	ppb
Zirconium	91-1	0.05	0.05	0.06	0.05	12.08	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:22:25	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53812.90	53995.47	53329.66	53712.68	0.64	ppb
Antimony	121-1	502.47	507.99	503.56	504.67	0.58	ppb
Arsenic	75-2	500.74	496.83	501.63	499.73	0.51	ppb
Barium	135-1	2551.43	2588.63	2577.33	2572.46	0.74	ppb
Barium	137-1	2562.26	2578.36	2550.42	2563.68	0.55	ppb
Beryllium	9-1	498.11	501.83	498.34	499.42	0.42	ppb
Bismuth	209-1				80		%
Bismuth	209-2				79		%
Boron	10-1	488.00	496.36	505.80	496.72	1.79	ppb
Boron	11-1	494.73	504.01	505.81	501.52	1.18	ppb
Cadmium	111-1	481.85	489.09	491.35	487.43	1.02	ppb
Cadmium	106-1	504.74	512.38	516.59	511.24	1.17	ppb
Cadmium	108-1	496.63	505.52	509.10	503.75	1.28	ppb
Calcium	43-1	241421.91	242138.84	242151.72	241904.16	0.17	ppb
Calcium	44-1	239927.82	242218.02	241041.75	241062.53	0.48	ppb
Chromium	52-2	494.77	496.92	496.72	496.14	0.24	ppb
Cobalt	59-2	473.00	475.79	472.29	473.69	0.39	ppb
Copper	63-2	945.86	941.95	940.88	942.90	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	127145.32	127832.68	126258.04	127078.68	0.62	ppb
Iron	57-2	127604.90	128099.28	127021.71	127575.30	0.42	ppb
Krypton	83-1						cps
Lead	206-1	525.84	524.80	526.45	525.70	0.16	ppb
Lead	207-1	515.38	520.14	514.30	516.61	0.60	ppb
Lead	208-1	520.82	520.32	521.09	520.74	0.07	ppb
Lithium	6-1				101		%
Magnesium	24-2	262255.31	262321.55	261450.92	262009.26	0.18	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:22:25	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	966.59	971.25	959.81	965.88	0.60	ppb
Molybdenum	94-1	2544.87	2527.68	2525.63	2532.73	0.42	ppb
Molybdenum	95-1	2528.57	2539.62	2532.61	2533.60	0.22	ppb
Molybdenum	96-1	2551.04	2539.70	2525.06	2538.60	0.51	ppb
Molybdenum	97-1	2534.13	2545.34	2526.40	2535.29	0.38	ppb
Molybdenum	98-1	2532.65	2524.62	2511.49	2522.92	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.10	479.71	479.37	478.73	0.30	ppb
Phosphorus	31-2	10219.20	10153.44	10263.98	10212.21	0.54	ppb
Potassium	39-2	126649.70	125302.92	126337.82	126096.81	0.56	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	77-2	485.47	489.52	504.71	493.23	2.06	ppb
Selenium	78-2	492.03	505.96	499.91	499.30	1.40	ppb
Selenium	82-1	475.30	474.53	479.87	476.57	0.61	ppb
Silicon	28-1	419.00	429.15	437.71	428.62	2.19	ppb
Silver	109-1	492.26	492.40	492.24	492.30	0.02	ppb
Silver	107-1	488.44	487.09	492.99	489.51	0.63	ppb
Sodium	23-2	255146.04	254063.49	252361.67	253857.07	0.55	ppb
Strontium	86-1	500.67	497.49	502.37	500.18	0.50	ppb
Strontium	88-1	513.64	506.30	507.41	509.12	0.78	ppb
Sulfur	34-1	11264.46	11281.92	11330.61	11292.33	0.30	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	531.49	530.85	535.42	532.59	0.47	ppb
Thallium	205-1	530.50	531.82	532.48	531.60	0.19	ppb
Thorium	232-1	539.39	541.64	538.64	539.89	0.29	ppb
Tin	118-1	508.78	511.28	510.36	510.14	0.25	ppb
Titanium	47-1	2512.89	2554.24	2542.54	2536.56	0.84	ppb
Uranium	238-1	527.93	536.52	529.31	531.25	0.87	ppb
Vanadium	51-2	501.55	500.77	499.36	500.56	0.22	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:22:25	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1019.27	1020.11	1014.54	1017.97	0.29	ppb
Zirconium	90-1	510.74	503.68	508.18	507.54	0.70	ppb
Zirconium	91-1	496.28	496.38	501.27	497.98	0.57	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : CCB82 Instrumnet Name : P7
 Client Sample ID : CCB82 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 15:29:03 DataFile Name : 055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.40	0.79	0.45	0.55	38.32	ppb
Antimony	121-1	0.07	0.08	0.08	0.07	4.74	ppb
Arsenic	75-2	0.03	0.02	0.02	0.02	19.80	ppb
Barium	135-1	0.04	0.04	0.04	0.04	5.97	ppb
Barium	137-1	0.05	0.03	0.04	0.04	16.82	ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	18.70	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	12.43	11.76	12.08	12.09	2.78	ppb
Boron	11-1	12.39	11.70	11.86	11.98	2.99	ppb
Cadmium	111-1	0.05	0.09	0.03	0.06	46.13	ppb
Cadmium	106-1	0.35	0.79	0.12	0.42	81.14	ppb
Cadmium	108-1	0.02	0.01	0.08	0.04	107.20	ppb
Calcium	43-1	3.70	4.81	5.14	4.55	16.51	ppb
Calcium	44-1	3.21	2.92	2.45	2.86	13.49	ppb
Chromium	52-2	0.02	-0.02	0.01	0.00	402.55	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	7.91	ppb
Copper	63-2	0.05	0.05	0.08	0.06	26.45	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				104		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	1.94	1.76	1.69	1.80	7.17	ppb
Iron	57-2	1.50	1.87	1.65	1.67	11.34	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	26.09	ppb
Lead	207-1	0.03	0.02	0.04	0.03	18.47	ppb
Lead	208-1	0.03	0.03	0.03	0.03	5.48	ppb
Lithium	6-1				109		%
Magnesium	24-2	3.53	3.43	3.21	3.39	4.83	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P7
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:29:03	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.01	0.01	54.18	ppb
Molybdenum	94-1	0.13	0.07	0.10	0.10	25.57	ppb
Molybdenum	95-1	0.16	0.14	0.13	0.14	10.75	ppb
Molybdenum	96-1	0.16	0.12	0.12	0.13	16.80	ppb
Molybdenum	97-1	0.17	0.11	0.13	0.14	21.77	ppb
Molybdenum	98-1	0.15	0.14	0.12	0.14	11.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	1170.42	ppb
Phosphorus	31-2	-32.13	-35.58	-33.92	-33.88		ppb
Potassium	39-2	20.66	21.93	19.48	20.69	5.92	ppb
Rhodium	103-1				108		%
Rhodium	103-2				111		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	77-2	-0.06	-0.06	-0.06	-0.06		ppb
Selenium	78-2	-0.29	-0.19	-0.19	-0.22		ppb
Selenium	82-1	-0.01	0.11	-0.01	0.03	233.02	ppb
Silicon	28-1	2.57	2.54	2.52	2.54	0.96	ppb
Silver	109-1	0.58	0.65	0.80	0.68	17.09	ppb
Silver	107-1	0.55	0.69	0.82	0.69	19.89	ppb
Sodium	23-2	33.11	32.69	31.75	32.51	2.13	ppb
Strontium	86-1	0.03	0.01	-0.03	0.00	735.08	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	12.04	ppb
Sulfur	34-1	534.16	569.47	522.40	542.01	4.52	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.08	0.07	0.08	0.08	3.61	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	1.83	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	3.58	ppb
Tin	118-1	0.04	0.06	0.05	0.05	19.26	ppb
Titanium	47-1	0.07	0.04	0.06	0.06	29.24	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.49	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	45.48	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P7
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:29:03	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.10	0.14	0.13	0.12	16.46	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	23.93	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	42.31	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-01	Instrumnet Name :	P7
Client Sample ID :	SS038RW016-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:32:40	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.63	1.20	1.55	1.46	15.71	ppb
Antimony	121-1	0.08	0.08	0.06	0.07	16.64	ppb
Arsenic	75-2	32.47	33.22	33.23	32.97	1.33	ppb
Barium	135-1	244.78	243.28	245.33	244.46	0.44	ppb
Barium	137-1	241.57	242.04	240.79	241.47	0.26	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	12.47	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	236.07	240.13	243.24	239.81	1.50	ppb
Boron	11-1	244.08	246.33	250.62	247.01	1.35	ppb
Cadmium	111-1	0.04	0.07	0.09	0.07	31.63	ppb
Cadmium	106-1	0.49	0.71	1.01	0.74	35.36	ppb
Cadmium	108-1	0.07	0.06	0.06	0.06	10.34	ppb
Calcium	43-1	91728.71	93130.91	91791.03	92216.88	0.86	ppb
Calcium	44-1	91673.17	92582.47	91694.56	91983.40	0.56	ppb
Chromium	52-2	0.38	0.40	0.34	0.37	8.34	ppb
Cobalt	59-2	0.10	0.10	0.10	0.10	2.42	ppb
Copper	63-2	0.12	0.15	0.12	0.13	14.91	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				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	3757.22	3788.99	3705.41	3750.54	1.12	ppb
Iron	57-2	3791.26	3810.57	3756.27	3786.03	0.73	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.17	0.17	0.17	3.35	ppb
Lead	207-1	0.16	0.15	0.17	0.16	6.44	ppb
Lead	208-1	0.17	0.16	0.17	0.17	3.33	ppb
Lithium	6-1				105		%
Magnesium	24-2	13515.77	13583.74	13355.32	13484.94	0.87	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-01	Instrumnet Name :	P7
Client Sample ID :	SS038RW016-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:32:40	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	319.33	321.17	314.23	318.24	1.13	ppb
Molybdenum	94-1	0.79	0.68	0.69	0.72	8.23	ppb
Molybdenum	95-1	1.00	0.95	0.93	0.96	4.09	ppb
Molybdenum	96-1	0.89	0.88	0.89	0.89	0.56	ppb
Molybdenum	97-1	0.91	0.95	0.92	0.92	2.23	ppb
Molybdenum	98-1	0.86	0.90	0.94	0.90	3.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.92	1.83	1.88	2.58	ppb
Phosphorus	31-2	7.88	13.96	-9.18	4.22	284.44	ppb
Potassium	39-2	1645.68	1670.90	1644.64	1653.74	0.90	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	-0.06	-0.06	-0.06	-0.06		ppb
Selenium	78-2	0.26	0.02	0.41	0.23	85.24	ppb
Selenium	82-1	0.59	0.68	0.82	0.70	15.92	ppb
Silicon	28-1	6438.48	6488.33	6465.26	6464.03	0.39	ppb
Silver	109-1	0.07	0.07	0.08	0.07	10.02	ppb
Silver	107-1	0.07	0.08	0.09	0.08	14.68	ppb
Sodium	23-2	42253.02	42770.85	42012.37	42345.41	0.92	ppb
Strontium	86-1	571.10	568.75	575.76	571.87	0.62	ppb
Strontium	88-1	583.90	580.65	589.57	584.71	0.77	ppb
Sulfur	34-1	3399.94	3531.27	3470.00	3467.07	1.90	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.07	0.08	0.08	7.88	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	6.42	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	8.05	ppb
Tin	118-1	0.04	0.03	0.03	0.03	19.07	ppb
Titanium	47-1	0.83	0.91	0.73	0.82	11.40	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	4.96	ppb
Vanadium	51-2	0.18	0.17	0.17	0.17	4.92	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-01	Instrumnet Name :	P7
Client Sample ID :	SS038RW016-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:32:40	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.03	4.86	4.94	4.94	1.66	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	11.82	ppb
Zirconium	91-1	0.04	0.04	0.05	0.05	13.65	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1195-02 Instrumnet Name : P7
 Client Sample ID : SS038MW009-190116 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 15:36:18 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.95	25.39	25.26	25.53	1.44	ppb
Antimony	121-1	0.17	0.17	0.16	0.17	2.90	ppb
Arsenic	75-2	85.59	86.31	86.56	86.15	0.58	ppb
Barium	135-1	155.53	154.40	158.86	156.26	1.49	ppb
Barium	137-1	154.34	154.65	156.78	155.26	0.86	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	12.29	ppb
Bismuth	209-1				86		%
Bismuth	209-2				84		%
Boron	10-1	346.67	349.20	353.08	349.65	0.92	ppb
Boron	11-1	361.01	361.62	365.40	362.68	0.66	ppb
Cadmium	111-1	0.06	0.15	0.10	0.10	42.84	ppb
Cadmium	106-1	0.60	1.74	1.19	1.18	48.35	ppb
Cadmium	108-1	0.09	0.13	0.15	0.12	25.35	ppb
Calcium	43-1	151204.18	149666.86	148443.78	149771.61	0.92	ppb
Calcium	44-1	149980.48	149643.08	149662.94	149762.17	0.13	ppb
Chromium	52-2	0.47	0.46	0.47	0.47	1.41	ppb
Cobalt	59-2	0.47	0.45	0.49	0.47	3.49	ppb
Copper	63-2	0.85	0.86	0.85	0.85	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				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	13481.69	13453.24	13452.29	13462.41	0.12	ppb
Iron	57-2	13204.04	13365.91	13371.58	13313.85	0.71	ppb
Krypton	83-1						cps
Lead	206-1	1.22	1.24	1.23	1.23	0.81	ppb
Lead	207-1	1.12	1.14	1.08	1.11	2.54	ppb
Lead	208-1	1.17	1.19	1.17	1.17	1.13	ppb
Lithium	6-1				103		%
Magnesium	24-2	13268.05	13293.99	13207.76	13256.60	0.33	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-02	Instrumnet Name :	P7
Client Sample ID :	SS038MW009-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:36:18	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	484.96	489.00	487.98	487.31	0.43	ppb
Molybdenum	94-1	1.10	1.19	1.17	1.15	3.97	ppb
Molybdenum	95-1	0.34	0.33	0.34	0.33	2.16	ppb
Molybdenum	96-1	0.50	0.52	0.52	0.51	2.28	ppb
Molybdenum	97-1	0.33	0.27	0.35	0.32	12.89	ppb
Molybdenum	98-1	0.32	0.31	0.31	0.31	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.60	132.49	133.54	133.54	0.79	ppb
Phosphorus	31-2	225.78	220.74	207.65	218.06	4.29	ppb
Potassium	39-2	2146.45	2122.65	2134.61	2134.57	0.56	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	0.12	0.47	0.47	0.35	57.63	ppb
Selenium	78-2	0.02	-0.14	0.19	0.03	626.45	ppb
Selenium	82-1	0.77	0.88	0.64	0.76	15.92	ppb
Silicon	28-1	8827.97	8663.66	8696.47	8729.37	1.00	ppb
Silver	109-1	0.08	0.09	0.11	0.09	18.00	ppb
Silver	107-1	0.07	0.09	0.10	0.09	16.70	ppb
Sodium	23-2	123499.49	123787.62	123213.01	123500.04	0.23	ppb
Strontium	86-1	267.14	272.23	266.68	268.68	1.15	ppb
Strontium	88-1	270.91	272.70	271.76	271.79	0.33	ppb
Sulfur	34-1	34311.67	34048.05	34026.35	34128.69	0.47	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.05	0.06	0.06	9.44	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	3.85	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	4.44	ppb
Tin	118-1	0.06	0.03	0.03	0.04	47.08	ppb
Titanium	47-1	2.61	2.56	2.68	2.62	2.23	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	10.68	ppb
Vanadium	51-2	11.03	11.04	11.24	11.10	1.03	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-02	Instrumnet Name :	P7
Client Sample ID :	SS038MW009-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:36:18	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.97	9.81	9.84	9.87	0.87	ppb
Zirconium	90-1	0.64	0.62	0.61	0.62	2.18	ppb
Zirconium	91-1	0.64	0.69	0.63	0.65	5.01	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-03	Instrumnet Name :	P7
Client Sample ID :	SS038RW082-160116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:40:00	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.26	1.30	1.45	1.34	7.59	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	6.92	ppb
Arsenic	75-2	63.10	62.91	62.54	62.85	0.45	ppb
Barium	135-1	272.17	280.77	287.04	279.99	2.67	ppb
Barium	137-1	269.21	279.10	285.03	277.78	2.88	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	8.40	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	251.29	266.39	273.09	263.59	4.24	ppb
Boron	11-1	260.92	272.03	280.16	271.03	3.56	ppb
Cadmium	111-1	0.07	0.06	0.05	0.06	18.28	ppb
Cadmium	106-1	0.85	0.70	0.65	0.73	14.23	ppb
Cadmium	108-1	0.04	0.06	0.03	0.04	34.00	ppb
Calcium	43-1	98972.78	101424.60	102944.75	101114.04	1.98	ppb
Calcium	44-1	98326.14	101037.91	103299.75	100887.94	2.47	ppb
Chromium	52-2	0.42	0.47	0.45	0.44	5.88	ppb
Cobalt	59-2	0.25	0.25	0.24	0.25	1.77	ppb
Copper	63-2	0.12	0.11	0.12	0.11	5.27	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				103		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	4772.45	4825.41	4713.11	4770.32	1.18	ppb
Iron	57-2	4756.07	4903.94	4773.96	4811.32	1.68	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.06	0.05	18.04	ppb
Lead	207-1	0.04	0.04	0.04	0.04	7.36	ppb
Lead	208-1	0.05	0.04	0.05	0.05	10.26	ppb
Lithium	6-1				105		%
Magnesium	24-2	13319.27	13541.85	13354.20	13405.11	0.89	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-03	Instrumnet Name :	P7
Client Sample ID :	SS038RW082-160116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:40:00	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	564.74	577.27	563.96	568.65	1.31	ppb
Molybdenum	94-1	0.95	1.00	1.08	1.01	6.83	ppb
Molybdenum	95-1	1.36	1.39	1.41	1.39	1.80	ppb
Molybdenum	96-1	1.35	1.37	1.37	1.36	1.05	ppb
Molybdenum	97-1	1.36	1.34	1.40	1.37	2.39	ppb
Molybdenum	98-1	1.27	1.31	1.39	1.33	4.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.75	5.99	5.91	5.88	2.01	ppb
Phosphorus	31-2	5.28	21.41	21.60	16.10	58.20	ppb
Potassium	39-2	1618.53	1637.62	1638.64	1631.60	0.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	-0.06	-0.06	-0.06	-0.06		ppb
Selenium	78-2	0.05	-0.42	0.12	-0.08		ppb
Selenium	82-1	0.88	0.72	0.67	0.76	14.40	ppb
Silicon	28-1	7040.78	7257.06	7346.46	7214.77	2.18	ppb
Silver	109-1	0.06	0.06	0.09	0.07	25.02	ppb
Silver	107-1	0.04	0.07	0.08	0.06	28.62	ppb
Sodium	23-2	47689.55	48057.08	47649.86	47798.83	0.47	ppb
Strontium	86-1	526.04	548.32	554.52	542.96	2.76	ppb
Strontium	88-1	534.72	552.62	560.67	549.33	2.42	ppb
Sulfur	34-1	16319.67	16899.99	17255.19	16824.95	2.81	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.06	0.05	0.05	4.78	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	8.38	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	17.40	ppb
Tin	118-1	0.01	0.01	0.01	0.01	12.63	ppb
Titanium	47-1	0.75	0.91	0.92	0.86	11.25	ppb
Uranium	238-1	0.33	0.35	0.35	0.34	3.28	ppb
Vanadium	51-2	0.22	0.25	0.23	0.24	6.35	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-03	Instrumnet Name :	P7
Client Sample ID :	SS038RW082-160116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:40:00	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.63	5.77	5.59	5.67	1.70	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	24.01	ppb
Zirconium	91-1	0.07	0.07	0.06	0.06	9.95	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-04	Instrumnet Name :	P7
Client Sample ID :	SS037MW036-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:43:38	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.68	3.68	3.70	3.36	17.40	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	11.83	ppb
Arsenic	75-2	54.82	54.53	55.12	54.83	0.54	ppb
Barium	135-1	459.26	461.41	459.74	460.14	0.25	ppb
Barium	137-1	458.98	459.45	460.67	459.70	0.19	ppb
Beryllium	9-1	0.05	0.03	0.04	0.04	14.93	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	236.73	242.44	241.51	240.22	1.28	ppb
Boron	11-1	243.11	246.66	250.53	246.77	1.50	ppb
Cadmium	111-1	0.07	0.14	0.09	0.10	38.27	ppb
Cadmium	106-1	0.68	1.79	1.11	1.19	46.77	ppb
Cadmium	108-1	0.05	0.08	0.07	0.06	24.29	ppb
Calcium	43-1	107436.15	107353.39	107520.72	107436.75	0.08	ppb
Calcium	44-1	107694.18	107074.40	106298.21	107022.26	0.65	ppb
Chromium	52-2	0.47	0.47	0.48	0.47	1.91	ppb
Cobalt	59-2	0.34	0.33	0.30	0.32	5.53	ppb
Copper	63-2	0.23	0.25	0.25	0.24	6.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	9664.93	9468.93	9604.21	9579.36	1.05	ppb
Iron	57-2	9436.19	9299.46	9294.58	9343.41	0.86	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.10	0.11	0.09	17.80	ppb
Lead	207-1	0.08	0.09	0.09	0.08	7.93	ppb
Lead	208-1	0.09	0.09	0.09	0.09	4.00	ppb
Lithium	6-1				104		%
Magnesium	24-2	13509.00	13177.46	13318.89	13335.12	1.25	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-04	Instrumnet Name :	P7
Client Sample ID :	SS037MW036-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:43:38	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	117.97	115.47	117.14	116.86	1.09	ppb
Molybdenum	94-1	1.39	1.33	1.37	1.36	2.22	ppb
Molybdenum	95-1	1.70	1.75	1.76	1.74	1.91	ppb
Molybdenum	96-1	1.75	1.75	1.72	1.74	0.84	ppb
Molybdenum	97-1	1.67	1.89	1.68	1.75	7.19	ppb
Molybdenum	98-1	1.71	1.74	1.71	1.72	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.50	33.41	33.26	33.39	0.36	ppb
Phosphorus	31-2	23.41	19.07	25.56	22.68	14.58	ppb
Potassium	39-2	1299.33	1287.06	1292.56	1292.98	0.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	-0.06	-0.06	-0.06	-0.06		ppb
Selenium	78-2	-0.09	-0.13	0.05	-0.06		ppb
Selenium	82-1	0.92	1.22	1.09	1.08	14.13	ppb
Silicon	28-1	8433.26	8366.46	8488.93	8429.55	0.73	ppb
Silver	109-1	0.04	0.05	0.06	0.05	18.35	ppb
Silver	107-1	0.03	0.05	0.06	0.05	26.36	ppb
Sodium	23-2	48816.66	47715.62	48639.83	48390.70	1.22	ppb
Strontium	86-1	505.76	511.55	503.27	506.86	0.84	ppb
Strontium	88-1	517.87	518.27	517.79	517.98	0.05	ppb
Sulfur	34-1	2716.90	2652.98	2716.49	2695.46	1.36	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.05	0.05	4.71	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	8.04	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	7.99	ppb
Tin	118-1	0.06	0.04	0.06	0.05	16.46	ppb
Titanium	47-1	1.13	1.08	1.16	1.12	3.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	51.10	ppb
Vanadium	51-2	0.75	0.71	0.71	0.73	3.11	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-04	Instrumnet Name :	P7
Client Sample ID :	SS037MW036-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:43:38	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	16.01	16.28	16.20	16.16	0.86	ppb
Zirconium	90-1	0.08	0.08	0.07	0.08	4.12	ppb
Zirconium	91-1	0.11	0.12	0.13	0.12	7.50	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-05	Instrumnet Name :	P7
Client Sample ID :	SS038MW013-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:47:16	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.14	27.53	26.25	25.64	8.80	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	4.89	ppb
Arsenic	75-2	139.82	141.99	142.52	141.44	1.01	ppb
Barium	135-1	273.50	260.83	282.18	272.17	3.95	ppb
Barium	137-1	273.17	259.80	280.62	271.20	3.89	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	13.84	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	338.07	328.34	343.17	336.52	2.24	ppb
Boron	11-1	346.64	332.88	350.01	343.18	2.64	ppb
Cadmium	111-1	0.20	0.21	0.19	0.20	4.19	ppb
Cadmium	106-1	0.91	1.07	0.49	0.82	36.27	ppb
Cadmium	108-1	0.16	0.32	0.09	0.19	62.88	ppb
Calcium	43-1	106785.20	101928.36	109562.10	106091.89	3.64	ppb
Calcium	44-1	105956.04	101558.96	109317.79	105610.93	3.68	ppb
Chromium	52-2	0.71	0.74	0.79	0.75	5.51	ppb
Cobalt	59-2	0.18	0.20	0.19	0.19	5.51	ppb
Copper	63-2	0.42	0.35	0.37	0.38	9.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	7289.52	7350.91	7485.05	7375.16	1.36	ppb
Iron	57-2	7246.20	7230.79	7343.40	7273.46	0.84	ppb
Krypton	83-1						cps
Lead	206-1	0.56	0.50	0.54	0.53	5.12	ppb
Lead	207-1	0.47	0.45	0.51	0.48	6.87	ppb
Lead	208-1	0.51	0.48	0.53	0.51	4.75	ppb
Lithium	6-1				105		%
Magnesium	24-2	13050.66	13167.85	13295.99	13171.50	0.93	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-05	Instrumnet Name :	P7
Client Sample ID :	SS038MW013-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:47:16	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	294.35	295.60	299.90	296.62	0.98	ppb
Molybdenum	94-1	1.12	1.11	1.14	1.12	1.17	ppb
Molybdenum	95-1	1.40	1.30	1.47	1.39	5.86	ppb
Molybdenum	96-1	1.39	1.35	1.40	1.38	1.80	ppb
Molybdenum	97-1	1.36	1.35	1.38	1.36	1.22	ppb
Molybdenum	98-1	1.37	1.33	1.43	1.38	3.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.67	5.76	5.72	5.71	0.79	ppb
Phosphorus	31-2	1107.52	1130.10	1135.10	1124.24	1.31	ppb
Potassium	39-2	1072.15	1082.42	1091.38	1081.98	0.89	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	0.12	0.12	0.12	0.12	1.64	ppb
Selenium	78-2	0.07	-0.15	0.11	0.01	1304.14	ppb
Selenium	82-1	0.68	0.75	0.85	0.76	10.91	ppb
Silicon	28-1	8315.52	7861.54	8534.68	8237.25	4.17	ppb
Silver	109-1	0.06	0.07	0.09	0.07	18.24	ppb
Silver	107-1	0.06	0.06	0.08	0.07	17.27	ppb
Sodium	23-2	46202.19	46741.11	47106.85	46683.38	0.97	ppb
Strontium	86-1	450.00	423.11	455.40	442.84	3.91	ppb
Strontium	88-1	454.85	433.63	460.60	449.69	3.16	ppb
Sulfur	34-1	1743.80	1466.11	1929.22	1713.05	13.61	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.05	0.05	14.51	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	6.23	ppb
Thorium	232-1	0.02	0.01	0.02	0.01	14.54	ppb
Tin	118-1	0.03	0.03	0.04	0.03	26.65	ppb
Titanium	47-1	2.33	2.12	2.35	2.27	5.65	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	35.75	ppb
Vanadium	51-2	0.57	0.57	0.57	0.57	0.66	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-05	Instrumnet Name :	P7
Client Sample ID :	SS038MW013-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:47:16	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.08	7.10	7.31	7.17	1.79	ppb
Zirconium	90-1	0.08	0.09	0.10	0.09	11.75	ppb
Zirconium	91-1	0.19	0.12	0.16	0.15	22.61	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:54:01	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53759.57	53164.12	53512.43	53478.71	0.56	ppb
Antimony	121-1	496.36	516.33	520.71	511.13	2.54	ppb
Arsenic	75-2	489.34	492.40	495.89	492.54	0.67	ppb
Barium	135-1	2533.11	2603.16	2639.28	2591.85	2.08	ppb
Barium	137-1	2525.05	2623.97	2633.10	2594.04	2.31	ppb
Beryllium	9-1	491.63	507.64	503.30	500.86	1.65	ppb
Bismuth	209-1				79		%
Bismuth	209-2				79		%
Boron	10-1	480.22	501.76	509.99	497.32	3.09	ppb
Boron	11-1	482.39	506.72	511.80	500.30	3.14	ppb
Cadmium	111-1	472.17	496.84	500.16	489.72	3.12	ppb
Cadmium	106-1	502.56	519.80	521.27	514.54	2.02	ppb
Cadmium	108-1	490.07	516.44	521.69	509.40	3.33	ppb
Calcium	43-1	239234.20	243502.71	246124.61	242953.84	1.43	ppb
Calcium	44-1	240551.91	242342.82	245887.45	242927.39	1.12	ppb
Chromium	52-2	490.44	490.86	491.08	490.80	0.07	ppb
Cobalt	59-2	469.52	473.57	471.43	471.51	0.43	ppb
Copper	63-2	938.55	935.82	927.79	934.05	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				101		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	127074.64	126778.00	126234.75	126695.80	0.34	ppb
Iron	57-2	127687.72	127190.16	127023.55	127300.48	0.27	ppb
Krypton	83-1						cps
Lead	206-1	525.51	535.26	535.67	532.15	1.08	ppb
Lead	207-1	512.88	523.93	529.42	522.08	1.61	ppb
Lead	208-1	515.29	527.72	530.63	524.55	1.55	ppb
Lithium	6-1				103		%
Magnesium	24-2	263673.00	261492.77	262799.61	262655.13	0.42	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:54:01	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	970.64	963.66	962.73	965.68	0.45	ppb
Molybdenum	94-1	2512.09	2589.21	2577.68	2559.66	1.63	ppb
Molybdenum	95-1	2513.69	2570.20	2592.43	2558.78	1.59	ppb
Molybdenum	96-1	2525.73	2555.13	2577.49	2552.78	1.02	ppb
Molybdenum	97-1	2496.41	2552.57	2582.92	2543.97	1.73	ppb
Molybdenum	98-1	2513.63	2551.66	2581.98	2549.09	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.19	475.24	476.02	476.48	0.32	ppb
Phosphorus	31-2	10263.92	10042.38	10187.25	10164.52	1.11	ppb
Potassium	39-2	126303.11	126365.94	127100.18	126589.74	0.35	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	77-2	480.51	501.56	483.62	488.56	2.33	ppb
Selenium	78-2	482.82	488.88	492.02	487.90	0.96	ppb
Selenium	82-1	470.27	480.57	490.52	480.46	2.11	ppb
Silicon	28-1	414.21	432.79	450.67	432.55	4.21	ppb
Silver	109-1	487.06	502.48	508.22	499.25	2.19	ppb
Silver	107-1	483.03	504.09	506.60	497.91	2.60	ppb
Sodium	23-2	254036.16	253849.94	252327.68	253404.59	0.37	ppb
Strontium	86-1	495.96	505.09	514.79	505.28	1.86	ppb
Strontium	88-1	504.36	515.33	521.67	513.79	1.70	ppb
Sulfur	34-1	11166.25	11484.86	11816.12	11489.08	2.83	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	526.80	539.37	542.29	536.15	1.54	ppb
Thallium	205-1	526.96	539.26	541.96	536.06	1.49	ppb
Thorium	232-1	538.98	550.53	545.97	545.16	1.07	ppb
Tin	118-1	504.60	523.61	523.85	517.35	2.13	ppb
Titanium	47-1	2520.59	2540.11	2605.81	2555.51	1.75	ppb
Uranium	238-1	534.04	540.01	539.11	537.72	0.60	ppb
Vanadium	51-2	493.67	496.89	494.28	494.94	0.35	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:54:01	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1009.57	1014.79	1010.65	1011.67	0.27	ppb
Zirconium	90-1	504.49	517.96	517.20	513.22	1.47	ppb
Zirconium	91-1	489.92	508.86	511.61	503.46	2.35	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : CCB83 Instrumnet Name : P7
 Client Sample ID : CCB83 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 15:59:42 DataFile Name : 062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.60	2.71	3.32	3.21	14.28	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	1.53	ppb
Arsenic	75-2	0.05	0.05	0.05	0.05	6.68	ppb
Barium	135-1	0.16	0.14	0.16	0.15	8.72	ppb
Barium	137-1	0.15	0.17	0.16	0.16	4.61	ppb
Beryllium	9-1	0.06	0.06	0.05	0.05	9.22	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	10.72	10.18	10.45	10.45	2.59	ppb
Boron	11-1	10.71	10.51	10.10	10.44	2.95	ppb
Cadmium	111-1	0.17	0.15	0.15	0.16	6.87	ppb
Cadmium	106-1	1.78	1.38	1.43	1.53	14.30	ppb
Cadmium	108-1	0.14	0.09	0.05	0.09	50.36	ppb
Calcium	43-1	14.74	15.36	19.58	16.56	15.89	ppb
Calcium	44-1	12.61	12.62	12.15	12.46	2.16	ppb
Chromium	52-2	0.02	0.01	0.03	0.02	48.86	ppb
Cobalt	59-2	0.04	0.03	0.04	0.03	13.13	ppb
Copper	63-2	0.11	0.10	0.11	0.11	5.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	8.59	8.35	8.07	8.34	3.12	ppb
Iron	57-2	7.10	9.42	7.85	8.12	14.56	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.05	0.04	2.29	ppb
Lead	207-1	0.05	0.04	0.03	0.04	18.51	ppb
Lead	208-1	0.05	0.04	0.04	0.04	11.54	ppb
Lithium	6-1				111		%
Magnesium	24-2	17.97	16.78	17.40	17.38	3.41	ppb

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P7
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:59:42	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.05	0.05	0.06	9.11	ppb
Molybdenum	94-1	0.26	0.26	0.26	0.26	1.07	ppb
Molybdenum	95-1	0.32	0.28	0.26	0.29	9.25	ppb
Molybdenum	96-1	0.30	0.30	0.27	0.29	6.28	ppb
Molybdenum	97-1	0.34	0.28	0.31	0.31	9.63	ppb
Molybdenum	98-1	0.32	0.28	0.29	0.29	6.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.05	0.01	0.03	55.12	ppb
Phosphorus	31-2	-36.18	-32.17	-35.49	-34.61		ppb
Potassium	39-2	29.68	28.10	28.77	28.85	2.75	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	77-2	0.11	-0.06	-0.06	0.00		ppb
Selenium	78-2	-0.09	-0.13	-0.02	-0.08		ppb
Selenium	82-1	-0.08	0.04	-0.19	-0.08		ppb
Silicon	28-1	5.56	5.56	5.39	5.50	1.81	ppb
Silver	109-1	0.38	0.44	0.55	0.46	18.89	ppb
Silver	107-1	0.37	0.46	0.52	0.45	17.14	ppb
Sodium	23-2	55.41	53.25	53.50	54.05	2.18	ppb
Strontium	86-1	0.02	0.02	0.03	0.02	11.44	ppb
Strontium	88-1	0.03	0.03	0.04	0.03	8.27	ppb
Sulfur	34-1	573.58	590.89	568.76	577.74	2.02	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.08	0.08	0.08	2.49	ppb
Thallium	205-1	0.08	0.10	0.08	0.08	11.76	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	3.16	ppb
Tin	118-1	0.08	0.07	0.07	0.07	9.40	ppb
Titanium	47-1	0.18	0.17	0.17	0.17	4.10	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	2.91	ppb
Vanadium	51-2	0.03	0.03	0.04	0.03	28.06	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P7
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:59:42	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.23	0.13	0.16	0.17	31.44	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	14.47	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	4.92	ppb

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:00:18 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	67	100	75	29.40	cps
Antimony	121-1	33	8	33	25	57.75	cps
Arsenic	75-2	9	4	9	7	43.34	cps
Barium	135-1	33	25	58	39	44.62	cps
Barium	137-1	83	58	42	61	34.32	cps
Beryllium	9-1	47	33	47	42	18.24	cps
Bismuth	209-1	15021850	14929992	14854786	14935543	0.56	cps
Bismuth	209-2	8491902	8457116	8519022	8489347	0.37	cps
Boron	10-1	792	592	625	669	16.01	cps
Boron	11-1	3134	2734	2984	2950	6.85	cps
Cadmium	111-1	4302	4193	4363	4286	2.02	cps
Cadmium	106-1	6118	5976	6202	6099	1.87	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	175	125	100	133	28.64	cps
Calcium	44-1	11548	11347	12148	11681	3.57	cps
Chromium	52-2	1647	1670	1837	1718	6.03	cps
Cobalt	59-2	53	43	43	47	12.37	cps
Copper	63-2	1460	1490	1383	1445	3.81	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	83	92	72	37.09	cps
Erbium	164-2	33	43	40	39	13.09	cps
Gadolinium	160-1	100	125	92	106	16.44	cps
Gadolinium	160-2	187	277	213	226	20.50	cps
Holmium	165-1	21520665	21539423	21517721	21525936	0.05	cps
Holmium	165-2	11108528	11061060	11010563	11060050	0.44	cps
Indium	115-1	15333758	15187838	15240021	15253873	0.48	cps
Indium	115-2	2902044	2910201	2942784	2918343	0.74	cps
Iron	56-2	6090	5874	5618	5861	4.04	cps
Iron	57-2	172	94	83	117	41.51	cps
Krypton	83-1	693	700	690	694	0.73	cps
Lead	206-1	1372	1372	1278	1341	4.07	cps
Lead	207-1	1267	1150	1100	1172	7.30	cps
Lead	208-1	5362	5278	5167	5269	1.85	cps
Lithium	6-1	4833745	4838474	4814069	4828763	0.27	cps
Magnesium	24-2	192	183	133	169	18.62	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:00:18	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	77	63	70	9.53	cps
Molybdenum	94-1	400	358	317	358	11.63	cps
Molybdenum	95-1	83	33	17	44	78.07	cps
Molybdenum	96-1	100	158	133	131	22.42	cps
Molybdenum	97-1	67	42	83	64	32.83	cps
Molybdenum	98-1	92	117	100	103	12.39	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	120	87	120	109	17.67	cps
Phosphorus	31-2	317	350	467	378	20.85	cps
Potassium	39-2	18362	17644	17536	17847	2.52	cps
Rhodium	103-1	13920444	13836024	13835040	13863836	0.35	cps
Rhodium	103-2	6701631	6697819	6729244	6709565	0.26	cps
Scandium	45-1	9119699	9166201	9053252	9113051	0.62	cps
Scandium	45-2	413289	413106	417566	414654	0.61	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	83	98	87	90	8.62	cps
Selenium	82-1	86	56	91	78	24.87	cps
Silicon	28-1	304185	302070	301522	302592	0.46	cps
Silver	109-1	100	133	183	139	30.20	cps
Silver	107-1	192	242	217	217	11.54	cps
Sodium	23-2	14549	14766	14324	14547	1.52	cps
Strontium	86-1	1183	1133	1167	1161	2.19	cps
Strontium	88-1	192	83	158	144	38.41	cps
Sulfur	34-1	431634	429461	429371	430155	0.30	cps
Terbium	159-1	21971801	21676615	21813154	21820523	0.68	cps
Terbium	159-2	10749525	10777137	10727454	10751372	0.23	cps
Thallium	203-1	483	317	475	425	22.10	cps
Thallium	205-1	817	883	833	845	4.11	cps
Thorium	232-1	94	83	56	78	25.75	cps
Tin	118-1	800	925	992	906	10.75	cps
Titanium	47-1	83	117	108	103	16.88	cps
Uranium	238-1	108	133	133	125	11.55	cps
Vanadium	51-2	3	0	10	4	114.60	cps
Yttrium	89-1	15047228	14790148	14762068	14866481	1.06	cps
Yttrium	89-2	2137809	2134978	2149943	2140910	0.37	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:00:18	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	337	277	250	288	15.43	cps
Zirconium	90-1	1008	1000	1042	1017	2.17	cps
Zirconium	91-1	142	217	158	172	22.87	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:08:40	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4442	4759	4192	4465	6.36	cps
Antimony	121-1	34685	33884	33407	33992	1.90	cps
Arsenic	75-2	576	613	574	588	3.73	cps
Barium	135-1	47942	45701	48177	47273	2.89	cps
Barium	137-1	84339	83350	84173	83954	0.63	cps
Beryllium	9-1	4904	4861	4988	4918	1.31	cps
Bismuth	209-1	15192449	14784799	14983546	14986931	1.36	cps
Bismuth	209-2	8701607	8581700	8536672	8606660	0.99	cps
Boron	10-1	25623	25030	25573	25408	1.29	cps
Boron	11-1	114230	114381	116800	115137	1.25	cps
Cadmium	111-1	9359	9341	9919	9540	3.45	cps
Cadmium	106-1	6385	6243	6794	6474	4.41	cps
Cadmium	108-1	504	508	375	463	16.39	cps
Calcium	43-1	28929	29005	28186	28707	1.58	cps
Calcium	44-1	476065	472354	480135	476185	0.82	cps
Chromium	52-2	12986	13036	13289	13104	1.24	cps
Cobalt	59-2	9553	9607	9580	9580	0.28	cps
Copper	63-2	15482	15231	14901	15205	1.92	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	50	17	33	33	50.00	cps
Erbium	164-2	13	33	23	23	42.86	cps
Gadolinium	160-1	117	183	125	142	25.64	cps
Gadolinium	160-2	217	247	220	228	7.22	cps
Holmium	165-1	22165993	21486352	21714470	21788938	1.59	cps
Holmium	165-2	11299441	11183110	11191106	11224552	0.58	cps
Indium	115-1	15541308	14900898	15194416	15212207	2.11	cps
Indium	115-2	2914598	2891678	2906471	2904249	0.40	cps
Iron	56-2	273783	273434	272915	273377	0.16	cps
Iron	57-2	6896	6702	7246	6948	3.97	cps
Krypton	83-1	657	660	660	659	0.29	cps
Lead	206-1	20121	20705	20071	20299	1.74	cps
Lead	207-1	17239	16767	17167	17058	1.49	cps
Lead	208-1	78788	79467	79428	79228	0.48	cps
Lithium	6-1	4965728	4819183	4908287	4897733	1.51	cps
Magnesium	24-2	252333	246048	245605	247995	1.52	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:08:40 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3794	3784	3677	3752	1.72	cps
Molybdenum	94-1	37676	37024	36757	37152	1.27	cps
Molybdenum	95-1	45222	46669	47505	46465	2.49	cps
Molybdenum	96-1	51586	51260	51268	51371	0.36	cps
Molybdenum	97-1	28321	29615	29022	28986	2.23	cps
Molybdenum	98-1	74754	75978	75995	75576	0.94	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2640	2607	2784	2677	3.51	cps
Phosphorus	31-2	958	992	917	956	3.93	cps
Potassium	39-2	221480	218003	219719	219734	0.79	cps
Rhodium	103-1	14103481	13651610	13865859	13873650	1.63	cps
Rhodium	103-2	6806905	6794348	6786428	6795894	0.15	cps
Scandium	45-1	9352241	8884373	9132942	9123185	2.57	cps
Scandium	45-2	408764	406438	405623	406942	0.40	cps
Selenium	77-2	90	63	123	92	32.60	cps
Selenium	78-2	420	367	361	383	8.55	cps
Selenium	82-1	2197	2253	2355	2268	3.54	cps
Silicon	28-1	416651	418586	416003	417080	0.32	cps
Silver	109-1	25516	26100	25273	25630	1.66	cps
Silver	107-1	26734	26233	26384	26451	0.97	cps
Sodium	23-2	456576	449870	452736	453061	0.74	cps
Strontium	86-1	7110	6960	7177	7083	1.57	cps
Strontium	88-1	52053	51301	51125	51493	0.96	cps
Sulfur	34-1	440476	433608	440440	438174	0.90	cps
Terbium	159-1	22236009	21418942	21815544	21823498	1.87	cps
Terbium	159-2	10990097	10908422	10953740	10950753	0.37	cps
Thallium	203-1	22795	22419	23505	22907	2.41	cps
Thallium	205-1	55516	55969	55785	55757	0.41	cps
Thorium	232-1	72577	71869	73125	72524	0.87	cps
Tin	118-1	85015	85133	84496	84881	0.40	cps
Titanium	47-1	13273	13774	13056	13368	2.75	cps
Uranium	238-1	71418	70687	72607	71571	1.35	cps
Vanadium	51-2	23586	23516	23609	23570	0.21	cps
Yttrium	89-1	15140882	14542061	14837351	14840098	2.02	cps
Yttrium	89-2	2137338	2134971	2132261	2134857	0.12	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:08:40	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2564	2627	2670	2620	2.05	cps
Zirconium	90-1	32137	30542	31778	31486	2.66	cps
Zirconium	91-1	7069	7002	6902	6991	1.20	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:12:37 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215801	220013	218575	218130	0.98	cps
Antimony	121-1	911862	909851	917098	912937	0.41	cps
Arsenic	75-2	31226	31054	31005	31095	0.37	cps
Barium	135-1	1241924	1234285	1241120	1239110	0.34	cps
Barium	137-1	2188507	2181484	2192967	2187653	0.26	cps
Beryllium	9-1	256634	255705	254166	255502	0.49	cps
Bismuth	209-1	14736343	14811407	14828176	14791975	0.33	cps
Bismuth	209-2	8376230	8407649	8342378	8375419	0.39	cps
Boron	10-1	53387	54441	53069	53632	1.34	cps
Boron	11-1	242354	246070	243399	243941	0.79	cps
Cadmium	111-1	294371	295585	294053	294670	0.27	cps
Cadmium	106-1	38478	37910	37334	37907	1.51	cps
Cadmium	108-1	22042	22305	21613	21987	1.59	cps
Calcium	43-1	295712	298854	295582	296716	0.62	cps
Calcium	44-1	4886226	4883854	4840548	4870209	0.53	cps
Chromium	52-2	293686	295718	294636	294680	0.34	cps
Cobalt	59-2	493926	494819	491452	493399	0.35	cps
Copper	63-2	703276	707767	708295	706446	0.39	cps
Dysprosium	156-1	42	42	58	47	20.38	cps
Dysprosium	156-2	27	27	13	22	34.66	cps
Erbium	164-1	67	158	100	108	42.83	cps
Erbium	164-2	50	33	37	40	22.05	cps
Gadolinium	160-1	217	125	167	169	27.09	cps
Gadolinium	160-2	243	220	243	236	5.72	cps
Holmium	165-1	21706633	21421014	21584947	21570864	0.66	cps
Holmium	165-2	10990824	10956009	11012322	10986385	0.26	cps
Indium	115-1	14833942	14973762	14818728	14875477	0.57	cps
Indium	115-2	2810154	2826712	2822357	2819741	0.30	cps
Iron	56-2	13019064	13139477	12981844	13046795	0.63	cps
Iron	57-2	321595	320166	320313	320691	0.25	cps
Krypton	83-1	680	700	723	701	3.09	cps
Lead	206-1	1003765	1025010	1010227	1013001	1.08	cps
Lead	207-1	889785	896190	897822	894599	0.47	cps
Lead	208-1	3998581	4044225	4017022	4019943	0.57	cps
Lithium	6-1	4799838	4772916	4750933	4774563	0.51	cps
Magnesium	24-2	2589033	2579812	2585903	2584916	0.18	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:12:37	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	363820	365509	366157	365162	0.33	cps
Molybdenum	94-1	1929503	1922570	1925940	1926004	0.18	cps
Molybdenum	95-1	2348089	2366513	2365062	2359888	0.43	cps
Molybdenum	96-1	2621733	2620676	2619986	2620798	0.03	cps
Molybdenum	97-1	1469294	1476026	1475957	1473759	0.26	cps
Molybdenum	98-1	3787029	3800919	3764371	3784106	0.49	cps
Neodymium	150-1	93	73	113	93	21.43	cps
Neodymium	150-2	0	10	13	8	89.21	cps
Nickel	60-2	129570	132240	132200	131336	1.17	cps
Phosphorus	31-2	12005	12272	11997	12091	1.29	cps
Potassium	39-2	1039691	1051756	1044481	1045309	0.58	cps
Rhodium	103-1	13514381	13430990	13373362	13439578	0.53	cps
Rhodium	103-2	6501863	6475680	6489389	6488977	0.20	cps
Scandium	45-1	8952176	8823562	8806100	8860613	0.90	cps
Scandium	45-2	391400	395347	395708	394151	0.61	cps
Selenium	77-2	853	947	880	893	5.38	cps
Selenium	78-2	3228	3262	3263	3251	0.61	cps
Selenium	82-1	21338	21657	21403	21466	0.78	cps
Silicon	28-1	1212310	1253086	1263101	1242833	2.16	cps
Silver	109-1	1348726	1338121	1342967	1343271	0.40	cps
Silver	107-1	1385253	1393897	1398474	1392541	0.48	cps
Sodium	23-2	4571283	4558279	4546055	4558539	0.28	cps
Strontium	86-1	313793	312421	316526	314247	0.67	cps
Strontium	88-1	2740096	2736911	2746505	2741171	0.18	cps
Sulfur	34-1	545031	535909	538757	539899	0.86	cps
Terbium	159-1	21884851	21806740	21704107	21798566	0.42	cps
Terbium	159-2	10687427	10794050	10777875	10753117	0.53	cps
Thallium	203-1	1248351	1229996	1235978	1238108	0.76	cps
Thallium	205-1	2948900	2984735	2982625	2972087	0.68	cps
Thorium	232-1	4025511	4052288	4038686	4038828	0.33	cps
Tin	118-1	868615	874310	866073	869666	0.49	cps
Titanium	47-1	670073	658431	661322	663275	0.91	cps
Uranium	238-1	3918866	4054103	3982900	3985290	1.70	cps
Vanadium	51-2	229124	231054	226342	228840	1.04	cps
Yttrium	89-1	14518952	14534981	14533736	14529223	0.06	cps
Yttrium	89-2	2060124	2084502	2080484	2075037	0.63	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:12:37	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	111065	110571	110635	110757	0.24	cps
Zirconium	90-1	1585421	1584919	1591998	1587446	0.25	cps
Zirconium	91-1	357453	352832	350315	353533	1.02	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:16:47 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	514801	512435	512889	513375	0.24	cps
Antimony	121-1	2196388	2214717	2227706	2212937	0.71	cps
Arsenic	75-2	73220	73868	72980	73356	0.63	cps
Barium	135-1	3002299	3009632	3000710	3004214	0.16	cps
Barium	137-1	5249335	5286182	5305746	5280421	0.54	cps
Beryllium	9-1	599233	593693	593629	595518	0.54	cps
Bismuth	209-1	14538669	14531389	14539605	14536555	0.03	cps
Bismuth	209-2	8073406	8112856	8080206	8088823	0.26	cps
Boron	10-1	125643	124039	126233	125305	0.91	cps
Boron	11-1	568710	568138	566230	567693	0.23	cps
Cadmium	111-1	701055	703523	707653	704077	0.47	cps
Cadmium	106-1	82004	80470	80210	80895	1.20	cps
Cadmium	108-1	52698	51811	54245	52918	2.33	cps
Calcium	43-1	704232	704032	701359	703208	0.23	cps
Calcium	44-1	11556860	11406915	11431179	11464984	0.70	cps
Chromium	52-2	692088	698336	694332	694919	0.46	cps
Cobalt	59-2	1156643	1166860	1158022	1160508	0.48	cps
Copper	63-2	1654614	1658311	1654461	1655795	0.13	cps
Dysprosium	156-1	92	83	67	81	15.80	cps
Dysprosium	156-2	40	47	47	44	8.66	cps
Erbium	164-1	108	42	92	81	43.07	cps
Erbium	164-2	63	30	33	42	43.48	cps
Gadolinium	160-1	117	142	208	156	30.46	cps
Gadolinium	160-2	167	233	207	202	16.59	cps
Holmium	165-1	21305929	21564937	21359529	21410132	0.64	cps
Holmium	165-2	10697206	10800724	10755841	10751257	0.48	cps
Indium	115-1	14313634	14369242	14271976	14318284	0.34	cps
Indium	115-2	2675152	2709187	2709977	2698105	0.74	cps
Iron	56-2	31037200	31319685	31016503	31124463	0.54	cps
Iron	57-2	762094	764289	761414	762599	0.20	cps
Krypton	83-1	553	557	627	579	7.15	cps
Lead	206-1	2463716	2472576	2511258	2482516	1.02	cps
Lead	207-1	2193795	2213285	2215726	2207602	0.54	cps
Lead	208-1	9894108	9941606	10002973	9946229	0.55	cps
Lithium	6-1	4549641	4525838	4462572	4512684	1.00	cps
Magnesium	24-2	6061418	6105408	6046438	6071088	0.50	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:16:47	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	859947	873471	869237	867551	0.80	cps
Molybdenum	94-1	4604970	4597309	4606885	4603055	0.11	cps
Molybdenum	95-1	5569418	5615685	5550929	5578678	0.60	cps
Molybdenum	96-1	6225560	6136819	6132596	6164992	0.85	cps
Molybdenum	97-1	3488001	3501672	3533827	3507833	0.67	cps
Molybdenum	98-1	9029274	8922737	8935368	8962460	0.65	cps
Neodymium	150-1	207	267	267	247	14.05	cps
Neodymium	150-2	27	30	13	23	37.81	cps
Nickel	60-2	306146	309276	308708	308043	0.54	cps
Phosphorus	31-2	27526	27351	27685	27521	0.61	cps
Potassium	39-2	2420638	2448379	2435633	2434883	0.57	cps
Rhodium	103-1	12770550	12876886	12793615	12813684	0.44	cps
Rhodium	103-2	6138671	6233845	6134314	6168943	0.91	cps
Scandium	45-1	8352755	8408735	8319676	8360388	0.54	cps
Scandium	45-2	366469	370119	371920	369503	0.75	cps
Selenium	77-2	2364	2260	2300	2308	2.26	cps
Selenium	78-2	7580	7697	7291	7522	2.78	cps
Selenium	82-1	50590	51073	51092	50918	0.56	cps
Silicon	28-1	2585274	2658832	2740624	2661577	2.92	cps
Silver	109-1	3168769	3175718	3213008	3185832	0.75	cps
Silver	107-1	3285939	3251638	3324235	3287271	1.10	cps
Sodium	23-2	10709960	10847086	10715103	10757383	0.72	cps
Strontium	86-1	748842	746759	755831	750477	0.63	cps
Strontium	88-1	6513103	6482522	6436189	6477271	0.60	cps
Sulfur	34-1	658585	653431	646787	652934	0.91	cps
Terbium	159-1	21532811	21517616	21358766	21469731	0.45	cps
Terbium	159-2	10364258	10522075	10420720	10435684	0.77	cps
Thallium	203-1	3045417	3059581	3090613	3065204	0.75	cps
Thallium	205-1	7195175	7128251	7280866	7201431	1.06	cps
Thorium	232-1	9920994	10037442	10038296	9998911	0.67	cps
Tin	118-1	2108120	2095229	2101068	2101472	0.31	cps
Titanium	47-1	1560022	1549252	1550161	1553145	0.38	cps
Uranium	238-1	9694642	9821848	9713714	9743401	0.70	cps
Vanadium	51-2	540174	543723	540910	541602	0.35	cps
Yttrium	89-1	13972837	14068502	13830452	13957264	0.86	cps
Yttrium	89-2	1953595	1986053	1970200	1969949	0.82	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:16:47	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	263688	263792	262919	263466	0.18	cps
Zirconium	90-1	3810511	3792934	3803717	3802387	0.23	cps
Zirconium	91-1	843077	834549	849736	842454	0.90	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:20:36	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1018946	1027673	1014936	1020518	0.64	cps
Antimony	121-1	4404485	4409506	4455821	4423271	0.64	cps
Arsenic	75-2	145173	145938	145437	145516	0.27	cps
Barium	135-1	6004820	5890403	6059559	5984927	1.44	cps
Barium	137-1	10449829	10370033	10461407	10427090	0.48	cps
Beryllium	9-1	1160435	1158505	1167652	1162197	0.41	cps
Bismuth	209-1	14334281	14319584	14588469	14414111	1.05	cps
Bismuth	209-2	8022867	7977991	7920990	7973949	0.64	cps
Boron	10-1	241456	249331	247270	246019	1.66	cps
Boron	11-1	1084717	1125795	1120984	1110499	2.02	cps
Cadmium	111-1	1386795	1377685	1398555	1387678	0.75	cps
Cadmium	106-1	155941	154500	153877	154773	0.68	cps
Cadmium	108-1	103248	103610	104549	103802	0.65	cps
Calcium	43-1	1390096	1409924	1414883	1404968	0.93	cps
Calcium	44-1	22540148	22858645	22798203	22732332	0.74	cps
Chromium	52-2	1372027	1389975	1383878	1381960	0.66	cps
Cobalt	59-2	2298097	2325559	2288549	2304068	0.83	cps
Copper	63-2	3212823	3278093	3253707	3248208	1.02	cps
Dysprosium	156-1	142	175	92	136	30.82	cps
Dysprosium	156-2	43	80	83	69	32.22	cps
Erbium	164-1	117	133	117	122	7.87	cps
Erbium	164-2	53	43	47	48	10.66	cps
Gadolinium	160-1	192	175	158	175	9.53	cps
Gadolinium	160-2	213	277	233	241	13.43	cps
Holmium	165-1	21338550	21284703	21484921	21369391	0.48	cps
Holmium	165-2	10847512	10773945	10748718	10790058	0.48	cps
Indium	115-1	14185632	14188791	14347865	14240763	0.65	cps
Indium	115-2	2657506	2726825	2710022	2698118	1.34	cps
Iron	56-2	61426615	62196896	61291565	61638359	0.79	cps
Iron	57-2	1498799	1530601	1505627	1511675	1.11	cps
Krypton	83-1	650	483	630	588	15.48	cps
Lead	206-1	4919608	4964303	4959214	4947708	0.49	cps
Lead	207-1	4366213	4399860	4422182	4396085	0.64	cps
Lead	208-1	19464479	19595952	19735130	19598520	0.69	cps
Lithium	6-1	4381856	4358118	4415213	4385062	0.65	cps
Magnesium	24-2	12065299	12116163	12011008	12064157	0.44	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:20:36 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1714274	1743095	1720334	1725901	0.88	cps
Molybdenum	94-1	9071919	9077187	9100305	9083137	0.17	cps
Molybdenum	95-1	11214867	11182901	11226164	11207977	0.20	cps
Molybdenum	96-1	12256638	12382598	12468153	12369130	0.86	cps
Molybdenum	97-1	6944428	7001831	6980149	6975470	0.42	cps
Molybdenum	98-1	18044515	17966816	18205980	18072437	0.68	cps
Neodymium	150-1	493	493	507	498	1.55	cps
Neodymium	150-2	57	80	60	66	19.25	cps
Nickel	60-2	604623	611825	605240	607229	0.66	cps
Phosphorus	31-2	55044	55420	53514	54659	1.85	cps
Potassium	39-2	4875994	4909449	4882941	4889461	0.36	cps
Rhodium	103-1	12660645	12584419	12656146	12633736	0.34	cps
Rhodium	103-2	6072560	6097937	6129105	6099867	0.46	cps
Scandium	45-1	8274116	8361489	8394695	8343434	0.75	cps
Scandium	45-2	371203	376014	371670	372962	0.71	cps
Selenium	77-2	4337	4464	4531	4444	2.21	cps
Selenium	78-2	14720	15243	15392	15118	2.33	cps
Selenium	82-1	100638	101626	100892	101052	0.51	cps
Silicon	28-1	4893975	5149936	5270025	5104646	3.76	cps
Silver	109-1	6176298	6159438	6207107	6180948	0.39	cps
Silver	107-1	6446978	6385896	6334766	6389213	0.88	cps
Sodium	23-2	21578712	21509500	21266104	21451439	0.77	cps
Strontium	86-1	1496666	1503434	1512166	1504089	0.52	cps
Strontium	88-1	12848427	12951420	12903605	12901151	0.40	cps
Sulfur	34-1	884278	885190	881348	883605	0.23	cps
Terbium	159-1	21310721	21342271	21539241	21397411	0.58	cps
Terbium	159-2	10460775	10465111	10397437	10441108	0.36	cps
Thallium	203-1	6096303	6132945	6152064	6127104	0.46	cps
Thallium	205-1	14406230	14330870	14453191	14396764	0.43	cps
Thorium	232-1	20263290	20212572	20305541	20260468	0.23	cps
Tin	118-1	4189543	4211606	4213257	4204802	0.31	cps
Titanium	47-1	3085053	3089007	3118119	3097393	0.58	cps
Uranium	238-1	19846928	19698813	19794932	19780224	0.38	cps
Vanadium	51-2	1080815	1095209	1087921	1087982	0.66	cps
Yttrium	89-1	13904196	13943926	14022769	13956964	0.43	cps
Yttrium	89-2	1965722	1992796	1975481	1978000	0.69	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:20:36	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	515256	519081	518014	517450	0.38	cps
Zirconium	90-1	7619540	7545255	7595193	7586662	0.50	cps
Zirconium	91-1	1684911	1694398	1709876	1696395	0.74	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:24:22 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2055631	2068338	2081268	2068412	0.62	cps
Antimony	121-1	8760486	8783903	8870903	8805097	0.66	cps
Arsenic	75-2	295459	295990	295822	295757	0.09	cps
Barium	135-1	11844524	12016016	12068892	11976478	0.98	cps
Barium	137-1	20996390	21099877	21265524	21120597	0.64	cps
Beryllium	9-1	2252125	2257722	2277537	2262461	0.59	cps
Bismuth	209-1	13978791	13890921	14032628	13967447	0.51	cps
Bismuth	209-2	7809496	7834609	7887569	7843891	0.51	cps
Boron	10-1	472581	479492	489163	480412	1.73	cps
Boron	11-1	2174866	2188126	2206854	2189949	0.73	cps
Cadmium	111-1	2681011	2689407	2719150	2696523	0.74	cps
Cadmium	106-1	295266	297300	300194	297587	0.83	cps
Cadmium	108-1	199942	205842	204909	203564	1.56	cps
Calcium	43-1	2822233	2819386	2850082	2830567	0.60	cps
Calcium	44-1	45650159	46396073	46349704	46131979	0.91	cps
Chromium	52-2	2803861	2818844	2818089	2813598	0.30	cps
Cobalt	59-2	4673473	4657052	4677259	4669261	0.23	cps
Copper	63-2	6588474	6550288	6580439	6573067	0.31	cps
Dysprosium	156-1	183	267	325	258	27.56	cps
Dysprosium	156-2	167	167	143	159	8.48	cps
Erbium	164-1	142	142	83	122	27.55	cps
Erbium	164-2	37	67	53	52	28.78	cps
Gadolinium	160-1	183	333	208	242	33.25	cps
Gadolinium	160-2	253	333	253	280	16.50	cps
Holmium	165-1	21372171	21534815	21383426	21430137	0.42	cps
Holmium	165-2	10942430	10926773	10995097	10954767	0.33	cps
Indium	115-1	14060099	14246300	14230303	14178901	0.73	cps
Indium	115-2	2686824	2687360	2699823	2691336	0.27	cps
Iron	56-2	126409661	125023019	126382356	125938345	0.63	cps
Iron	57-2	3053270	3057196	3069244	3059903	0.27	cps
Krypton	83-1	643	500	610	584	12.83	cps
Lead	206-1	9650371	9703819	9723787	9692659	0.39	cps
Lead	207-1	8644121	8618297	8626041	8629486	0.15	cps
Lead	208-1	38528229	38630394	38785809	38648144	0.34	cps
Lithium	6-1	4337437	4341045	4357144	4345209	0.24	cps
Magnesium	24-2	24450695	24290201	24578981	24439959	0.59	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:24:22	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3487133	3497224	3534726	3506361	0.72	cps
Molybdenum	94-1	18365080	18500162	18496376	18453873	0.42	cps
Molybdenum	95-1	22591020	22758918	22891140	22747026	0.66	cps
Molybdenum	96-1	24962343	25012751	25099054	25024716	0.28	cps
Molybdenum	97-1	14110119	14176494	14201241	14162618	0.33	cps
Molybdenum	98-1	36399860	36811034	36565144	36592013	0.57	cps
Neodymium	150-1	860	927	1007	931	7.89	cps
Neodymium	150-2	100	123	117	113	10.61	cps
Nickel	60-2	1211227	1216534	1209992	1212584	0.29	cps
Phosphorus	31-2	109500	111481	112673	111218	1.44	cps
Potassium	39-2	10017691	9943895	10052631	10004739	0.55	cps
Rhodium	103-1	12498200	12569162	12517150	12528171	0.29	cps
Rhodium	103-2	6161984	6127393	6141610	6143662	0.28	cps
Scandium	45-1	8394785	8493514	8509090	8465796	0.73	cps
Scandium	45-2	386542	385105	387167	386272	0.27	cps
Selenium	77-2	8916	8796	8843	8852	0.68	cps
Selenium	78-2	29966	30083	29901	29983	0.31	cps
Selenium	82-1	198157	200991	201254	200134	0.86	cps
Silicon	28-1	10502547	10811210	10979622	10764460	2.25	cps
Silver	109-1	12177504	12318162	12319095	12271587	0.66	cps
Silver	107-1	12631892	12709309	12808570	12716590	0.70	cps
Sodium	23-2	43613007	43354290	43864359	43610552	0.58	cps
Strontium	86-1	2981674	3049195	3053001	3027956	1.33	cps
Strontium	88-1	26214366	26211981	26450342	26292230	0.52	cps
Sulfur	34-1	1384905	1391805	1397249	1391320	0.44	cps
Terbium	159-1	21422160	21830864	21607496	21620173	0.95	cps
Terbium	159-2	10636764	10654049	10708919	10666577	0.35	cps
Thallium	203-1	11948111	11948402	11896116	11930876	0.25	cps
Thallium	205-1	28329562	28565179	28576918	28490553	0.49	cps
Thorium	232-1	40038277	40487105	40382664	40302682	0.58	cps
Tin	118-1	8303248	8455894	8456710	8405284	1.05	cps
Titanium	47-1	6305946	6323654	6306970	6312190	0.16	cps
Uranium	238-1	39475339	39410951	39179921	39355404	0.39	cps
Vanadium	51-2	2225797	2229081	2247103	2233993	0.51	cps
Yttrium	89-1	14079317	14055730	14259174	14131407	0.79	cps
Yttrium	89-2	2026028	2025858	2043796	2031894	0.51	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:24:22	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1018771	1019903	1026136	1021604	0.39	cps
Zirconium	90-1	15288528	15404461	15459402	15384130	0.57	cps
Zirconium	91-1	3404013	3437829	3462852	3434898	0.86	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:28:07	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4208476	4217772	4282346	4236198	0.95	cps
Antimony	121-1	17314192	17482199	17595173	17463855	0.81	cps
Arsenic	75-2	590689	591241	598790	593573	0.76	cps
Barium	135-1	24071164	24135932	24301917	24169671	0.49	cps
Barium	137-1	42186468	42573605	42817030	42525701	0.75	cps
Beryllium	9-1	4449443	4473235	4452359	4458346	0.29	cps
Bismuth	209-1	13687665	13489265	13622872	13599934	0.74	cps
Bismuth	209-2	7562604	7568502	7529571	7553559	0.28	cps
Boron	10-1	951263	964942	952500	956235	0.79	cps
Boron	11-1	4435901	4457443	4427453	4440265	0.35	cps
Cadmium	111-1	5189125	5263756	5290296	5247725	1.00	cps
Cadmium	106-1	578016	583219	581820	581018	0.46	cps
Cadmium	108-1	398079	396982	401152	398738	0.54	cps
Calcium	43-1	5750398	5821312	5809001	5793570	0.65	cps
Calcium	44-1	94032877	95072238	95535173	94880096	0.81	cps
Chromium	52-2	5769447	5760282	5792013	5773914	0.28	cps
Cobalt	59-2	9561581	9583089	9648292	9597654	0.47	cps
Copper	63-2	13073298	13062010	13052579	13062629	0.08	cps
Dysprosium	156-1	375	508	475	453	15.33	cps
Dysprosium	156-2	310	367	280	319	13.80	cps
Erbium	164-1	150	125	133	136	9.35	cps
Erbium	164-2	83	70	77	77	8.70	cps
Gadolinium	160-1	375	258	242	292	24.91	cps
Gadolinium	160-2	277	273	277	276	0.70	cps
Holmium	165-1	21711662	21406397	21902350	21673470	1.15	cps
Holmium	165-2	11063129	10963685	11034802	11020539	0.46	cps
Indium	115-1	14062890	14034423	14047048	14048120	0.10	cps
Indium	115-2	2612538	2639510	2665597	2639215	1.01	cps
Iron	56-2	254555000	254736328	257663195	255651508	0.68	cps
Iron	57-2	6271961	6266184	6297001	6278382	0.26	cps
Krypton	83-1	593	633	603	610	3.41	cps
Lead	206-1	18900714	19157744	19141600	19066686	0.76	cps
Lead	207-1	16899827	16967475	17090284	16985862	0.57	cps
Lead	208-1	75423864	76163736	76115645	75901081	0.55	cps
Lithium	6-1	4351693	4345285	4351869	4349616	0.09	cps
Magnesium	24-2	49835279	50071414	50083825	49996839	0.28	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:28:07	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7133222	7121328	7187157	7147236	0.49	cps
Molybdenum	94-1	37620740	37748289	37823965	37730998	0.27	cps
Molybdenum	95-1	46270324	46173422	46549338	46331028	0.42	cps
Molybdenum	96-1	50861724	51411820	51265507	51179684	0.56	cps
Molybdenum	97-1	28681348	28896102	29141534	28906328	0.80	cps
Molybdenum	98-1	74156000	74479866	75375848	74670571	0.85	cps
Neodymium	150-1	1840	1894	1840	1858	1.66	cps
Neodymium	150-2	233	173	260	222	19.97	cps
Nickel	60-2	2397083	2407010	2428282	2410791	0.66	cps
Phosphorus	31-2	224506	226467	227561	226178	0.68	cps
Potassium	39-2	20506141	20510126	20766541	20594269	0.72	cps
Rhodium	103-1	12386544	12338448	12521905	12415632	0.77	cps
Rhodium	103-2	6033041	5997536	6075144	6035240	0.64	cps
Scandium	45-1	8716241	8676633	8692267	8695047	0.23	cps
Scandium	45-2	398954	394578	400919	398151	0.82	cps
Selenium	77-2	17668	17941	17521	17710	1.21	cps
Selenium	78-2	58800	59094	59482	59125	0.58	cps
Selenium	82-1	389109	392011	394543	391888	0.69	cps
Silicon	28-1	16030975	16213591	16352662	16199076	1.00	cps
Silver	109-1	23800280	24030239	24321167	24050562	1.09	cps
Silver	107-1	24890745	25150900	25157587	25066411	0.61	cps
Sodium	23-2	89407223	89800529	90204525	89804092	0.44	cps
Strontium	86-1	6106396	6126646	6160612	6131218	0.45	cps
Strontium	88-1	52742674	52985668	53672539	53133627	0.91	cps
Sulfur	34-1	2456353	2469963	2484816	2470377	0.58	cps
Terbium	159-1	21741751	21628949	21803215	21724638	0.41	cps
Terbium	159-2	10650183	10644124	10808267	10700858	0.87	cps
Thallium	203-1	23435838	23628708	23640361	23568302	0.49	cps
Thallium	205-1	55853176	56404174	56411145	56222832	0.57	cps
Thorium	232-1	80336945	80348143	80119724	80268271	0.16	cps
Tin	118-1	16690527	16836515	16949810	16825617	0.77	cps
Titanium	47-1	12893700	13148561	12961726	13001329	1.02	cps
Uranium	238-1	78410729	77882170	77986560	78093153	0.36	cps
Vanadium	51-2	4604603	4573118	4632911	4603544	0.65	cps
Yttrium	89-1	14433304	14280208	14450339	14387950	0.65	cps
Yttrium	89-2	2044219	2056031	2086607	2062286	1.06	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:28:07	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1948454	1983558	1982538	1971517	1.01	cps
Zirconium	90-1	31348479	31312581	31550664	31403908	0.41	cps
Zirconium	91-1	6969734	7009923	7031464	7003707	0.45	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:31:54 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21780893	21964095	22218482	21987823	1.00	cps
Antimony	121-1	18263	19105	18212	18527	2.71	cps
Arsenic	75-2	737	720	802	753	5.72	cps
Barium	135-1	3209	2909	2842	2987	6.54	cps
Barium	137-1	4984	5084	5143	5071	1.58	cps
Beryllium	9-1	470	467	417	451	6.62	cps
Bismuth	209-1	11014942	11012813	11059309	11029021	0.24	cps
Bismuth	209-2	6042110	6121639	6148205	6103985	0.90	cps
Boron	10-1	17611	15375	14399	15795	10.42	cps
Boron	11-1	78672	70340	65861	71624	9.08	cps
Cadmium	111-1	4473	4318	4289	4360	2.27	cps
Cadmium	106-1	5351	5201	5293	5282	1.43	cps
Cadmium	108-1	133	104	100	113	16.15	cps
Calcium	43-1	28099579	28105038	28406558	28203725	0.62	cps
Calcium	44-1	459933060	462372094	466884360	463063171	0.76	cps
Chromium	52-2	47834	48697	48493	48341	0.93	cps
Cobalt	59-2	105801	106037	106466	106101	0.32	cps
Copper	63-2	15699	15969	15996	15888	1.03	cps
Dysprosium	156-1	200	242	175	206	16.38	cps
Dysprosium	156-2	57	100	110	89	31.89	cps
Erbium	164-1	133	117	125	125	6.67	cps
Erbium	164-2	63	50	50	54	14.14	cps
Gadolinium	160-1	225	192	217	211	8.22	cps
Gadolinium	160-2	250	280	320	283	12.39	cps
Holmium	165-1	20076222	19972242	20061920	20036795	0.28	cps
Holmium	165-2	10262721	10303397	10348690	10304936	0.42	cps
Indium	115-1	13334870	13366970	13456637	13386159	0.47	cps
Indium	115-2	2617283	2637320	2669789	2641464	1.00	cps
Iron	56-2	1201555405	1201290427	1210755849	1204533894	0.45	cps
Iron	57-2	29492817	29759900	29892675	29715131	0.69	cps
Krypton	83-1	730	703	613	682	8.96	cps
Lead	206-1	17857	17356	17495	17569	1.47	cps
Lead	207-1	14937	14470	14636	14681	1.61	cps
Lead	208-1	68370	66600	67586	67518	1.31	cps
Lithium	6-1	4063360	4100633	4132686	4098893	0.85	cps
Magnesium	24-2	233121189	234758755	237503055	235127666	0.94	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:31:54	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33976	33829	34621	34142	1.23	cps
Molybdenum	94-1	19940	17753	17653	18449	7.00	cps
Molybdenum	95-1	28354	27143	27135	27544	2.55	cps
Molybdenum	96-1	43786	41052	41603	42147	3.43	cps
Molybdenum	97-1	18187	16468	15175	16610	9.10	cps
Molybdenum	98-1	43818	40776	40291	41628	4.59	cps
Neodymium	150-1	400	400	447	416	6.48	cps
Neodymium	150-2	170	153	150	158	6.79	cps
Nickel	60-2	30358	29660	30068	30029	1.17	cps
Phosphorus	31-2	433	417	350	400	11.02	cps
Potassium	39-2	104742529	104802809	106544915	105363418	0.97	cps
Rhodium	103-1	10807770	10798337	10931166	10845757	0.68	cps
Rhodium	103-2	5187393	5249263	5262592	5233083	0.77	cps
Scandium	45-1	8281211	8349726	8476314	8369083	1.18	cps
Scandium	45-2	390868	395879	396157	394301	0.75	cps
Selenium	77-2	10	13	0	8	89.21	cps
Selenium	78-2	85	111	85	94	15.95	cps
Selenium	82-1	218	239	340	266	24.52	cps
Silicon	28-1	1076753	1086242	1093928	1085641	0.79	cps
Silver	109-1	1750	1625	1500	1625	7.69	cps
Silver	107-1	1859	1667	1400	1642	14.02	cps
Sodium	23-2	454122677	454619310	458533910	455758632	0.53	cps
Strontium	86-1	25415	25907	26258	25860	1.64	cps
Strontium	88-1	213444	213305	216797	214515	0.92	cps
Sulfur	34-1	355256	360518	364148	359974	1.24	cps
Terbium	159-1	20119095	20055113	20245765	20139991	0.48	cps
Terbium	159-2	9929751	9992227	10039738	9987238	0.55	cps
Thallium	203-1	5076	4201	4534	4604	9.60	cps
Thallium	205-1	11597	10313	10213	10708	7.21	cps
Thorium	232-1	11734	10304	9176	10405	12.32	cps
Tin	118-1	14141	14349	14316	14269	0.78	cps
Titanium	47-1	2742	2342	2992	2692	12.18	cps
Uranium	238-1	3959	3884	3726	3856	3.09	cps
Vanadium	51-2	830	760	803	798	4.43	cps
Yttrium	89-1	13482687	13592022	13639997	13571569	0.59	cps
Yttrium	89-2	1988885	2001780	2029845	2006837	1.04	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:31:54	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	15171	15161	15305	15213	0.53	cps
Zirconium	90-1	8069	8261	8203	8178	1.20	cps
Zirconium	91-1	1734	1784	1792	1770	1.78	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:37:19 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	126959	125818	126162	126313	0.46	cps
Antimony	121-1	3658745	3669008	3656675	3661476	0.18	cps
Arsenic	75-2	132074	130619	131447	131380	0.56	cps
Barium	135-1	499549	506999	507119	504556	0.86	cps
Barium	137-1	883238	897750	892555	891181	0.83	cps
Beryllium	9-1	498225	492252	496057	495511	0.61	cps
Bismuth	209-1	15092705	15306135	15376879	15258573	0.97	cps
Bismuth	209-2	8573621	8568651	8566457	8569577	0.04	cps
Boron	10-1	7469	7435	6952	7285	3.97	cps
Boron	11-1	35393	35041	32411	34281	4.75	cps
Cadmium	111-1	599886	596427	597566	597960	0.29	cps
Cadmium	106-1	58288	57509	58086	57961	0.70	cps
Cadmium	108-1	46313	47751	47918	47328	1.86	cps
Calcium	43-1	124864	125632	124321	124939	0.53	cps
Calcium	44-1	2068453	2041767	2055612	2055277	0.65	cps
Chromium	52-2	607241	604703	604369	605438	0.26	cps
Cobalt	59-2	1039536	1042580	1032865	1038327	0.48	cps
Copper	63-2	750287	747705	750281	749424	0.20	cps
Dysprosium	156-1	25	0	33	19	89.21	cps
Dysprosium	156-2	13	10	17	13	25.01	cps
Erbium	164-1	200	200	200	200	0.00	cps
Erbium	164-2	83	80	123	96	25.24	cps
Gadolinium	160-1	150	150	167	156	6.18	cps
Gadolinium	160-2	220	267	287	258	13.27	cps
Holmium	165-1	22225315	22643948	22639653	22502972	1.07	cps
Holmium	165-2	11481277	11496103	11502658	11493346	0.10	cps
Indium	115-1	15680644	16080182	16127956	15962927	1.54	cps
Indium	115-2	2973690	3030133	3011708	3005177	0.96	cps
Iron	56-2	5728469	5660783	5537446	5642233	1.72	cps
Iron	57-2	137705	138380	138418	138168	0.29	cps
Krypton	83-1	670	807	640	706	12.59	cps
Lead	206-1	4028359	4012908	4051774	4031014	0.49	cps
Lead	207-1	3425114	3429487	3466279	3440293	0.66	cps
Lead	208-1	15836511	15756546	15835748	15809602	0.29	cps
Lithium	6-1	4789570	4846363	4866491	4834141	0.83	cps
Magnesium	24-2	631762	635372	633877	633670	0.29	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:37:19 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	376547	375834	374456	375612	0.28	cps
Molybdenum	94-1	13415099	13319496	13396846	13377147	0.38	cps
Molybdenum	95-1	23796376	23664957	23789929	23750421	0.31	cps
Molybdenum	96-1	25284775	25184810	25242226	25237270	0.20	cps
Molybdenum	97-1	14914138	14870184	14852528	14878950	0.21	cps
Molybdenum	98-1	38310225	38063459	37855233	38076306	0.60	cps
Neodymium	150-1	40	40	73	51	37.66	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	277397	277732	277824	277651	0.08	cps
Phosphorus	31-2	450	358	283	364	22.94	cps
Potassium	39-2	914327	904125	906525	908326	0.59	cps
Rhodium	103-1	14306859	14614238	14643688	14521595	1.28	cps
Rhodium	103-2	6970320	6981067	6938505	6963297	0.32	cps
Scandium	45-1	9355403	9636520	9721492	9571139	2.00	cps
Scandium	45-2	421651	422568	424109	422776	0.29	cps
Selenium	77-2	4257	4004	3851	4037	5.09	cps
Selenium	78-2	13264	13497	13757	13506	1.83	cps
Selenium	82-1	89447	90127	89700	89758	0.38	cps
Silicon	28-1	414426	424851	433603	424293	2.26	cps
Silver	109-1	2706824	2738130	2734869	2726608	0.63	cps
Silver	107-1	2830280	2838612	2862972	2843955	0.60	cps
Sodium	23-2	1974568	1976480	1977627	1976225	0.08	cps
Strontium	86-1	16243	15175	15959	15793	3.50	cps
Strontium	88-1	130298	132937	130615	131283	1.10	cps
Sulfur	34-1	386601	380558	378421	381860	1.11	cps
Terbium	159-1	22273376	22862831	22955429	22697212	1.63	cps
Terbium	159-2	11204823	11296253	11236908	11245995	0.41	cps
Thallium	203-1	5012937	5105515	5119685	5079379	1.14	cps
Thallium	205-1	12170252	12149670	12115520	12145147	0.23	cps
Thorium	232-1	8525	7419	7041	7662	10.07	cps
Tin	118-1	2784	2742	2225	2584	12.04	cps
Titanium	47-1	6824569	6832011	6785601	6814060	0.37	cps
Uranium	238-1	3009	2717	2625	2784	7.19	cps
Vanadium	51-2	482469	480059	478613	480380	0.41	cps
Yttrium	89-1	15283223	15763970	15805561	15617585	1.86	cps
Yttrium	89-2	2216098	2216429	2223559	2218695	0.19	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:37:19	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	233145	235857	234867	234623	0.58	cps
Zirconium	90-1	5826	4459	4134	4807	18.68	cps
Zirconium	91-1	1809	1784	1500	1697	10.09	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:44:24	DataFile Name :	013LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4693	4643	4634	4656	0.68	cps
Antimony	121-1	34936	35796	34735	35156	1.60	cps
Arsenic	75-2	622	650	598	623	4.16	cps
Barium	135-1	48009	48276	49623	48636	1.78	cps
Barium	137-1	85581	85505	86042	85709	0.34	cps
Beryllium	9-1	5054	4908	4961	4974	1.49	cps
Bismuth	209-1	15548408	15274808	14814553	15212589	2.44	cps
Bismuth	209-2	8772204	8667587	8444648	8628146	1.94	cps
Boron	10-1	29430	29647	29137	29405	0.87	cps
Boron	11-1	131948	134083	135073	133701	1.19	cps
Cadmium	111-1	9559	10039	9852	9817	2.46	cps
Cadmium	106-1	6293	6585	6635	6505	2.84	cps
Cadmium	108-1	454	442	342	413	14.95	cps
Calcium	43-1	29380	29940	29530	29617	0.98	cps
Calcium	44-1	495046	496793	499657	497165	0.47	cps
Chromium	52-2	13586	13830	13747	13721	0.90	cps
Cobalt	59-2	9847	10431	10244	10174	2.93	cps
Copper	63-2	16102	15445	15825	15791	2.09	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	67	67	58	64	7.53	cps
Erbium	164-2	23	23	33	27	21.65	cps
Gadolinium	160-1	125	208	183	172	24.83	cps
Gadolinium	160-2	230	263	213	236	10.81	cps
Holmium	165-1	22948991	22415009	21599750	22321250	3.04	cps
Holmium	165-2	11732219	11657233	11317449	11568967	1.91	cps
Indium	115-1	16349079	15978006	15410963	15912682	2.97	cps
Indium	115-2	3039710	3024642	2964925	3009759	1.31	cps
Iron	56-2	289850	286823	290794	289155	0.72	cps
Iron	57-2	7324	7380	7135	7280	1.76	cps
Krypton	83-1	703	700	683	696	1.54	cps
Lead	206-1	20544	20105	20438	20362	1.13	cps
Lead	207-1	17323	17529	17568	17473	0.75	cps
Lead	208-1	79154	79412	80665	79744	1.01	cps
Lithium	6-1	4993273	4908220	4767952	4889815	2.33	cps
Magnesium	24-2	256588	255873	253799	255420	0.57	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:44:24	DataFile Name :	013LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4151	4144	3801	4032	4.97	cps
Molybdenum	94-1	39881	39623	40909	40138	1.70	cps
Molybdenum	95-1	50608	50792	50641	50680	0.19	cps
Molybdenum	96-1	55266	55843	54220	55110	1.49	cps
Molybdenum	97-1	32597	30835	31745	31725	2.78	cps
Molybdenum	98-1	79052	80284	79690	79675	0.77	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2904	2864	2564	2777	6.69	cps
Phosphorus	31-2	767	975	917	886	12.13	cps
Potassium	39-2	232783	238285	235442	235503	1.17	cps
Rhodium	103-1	14865127	14510069	14106462	14493886	2.62	cps
Rhodium	103-2	7209479	7175551	7022112	7135714	1.40	cps
Scandium	45-1	9836922	9693650	9366750	9632441	2.50	cps
Scandium	45-2	433690	433143	424454	430429	1.20	cps
Selenium	77-2	90	110	107	102	10.48	cps
Selenium	78-2	435	404	404	414	4.39	cps
Selenium	82-1	2261	2332	2460	2351	4.29	cps
Silicon	28-1	445297	444381	449961	446546	0.67	cps
Silver	109-1	27736	25925	25883	26515	3.99	cps
Silver	107-1	27945	27394	27060	27466	1.63	cps
Sodium	23-2	486366	490743	483736	486948	0.73	cps
Strontium	86-1	7177	7386	7552	7372	2.55	cps
Strontium	88-1	54044	54137	53434	53872	0.71	cps
Sulfur	34-1	412175	417254	415592	415007	0.62	cps
Terbium	159-1	23244163	22759352	21993751	22665755	2.78	cps
Terbium	159-2	11497052	11315804	11031177	11281344	2.08	cps
Thallium	203-1	24215	23480	24114	23936	1.67	cps
Thallium	205-1	56848	56881	56086	56605	0.79	cps
Thorium	232-1	73392	72377	72784	72851	0.70	cps
Tin	118-1	86776	86943	86407	86709	0.32	cps
Titanium	47-1	13932	14099	14808	14280	3.26	cps
Uranium	238-1	72984	71963	69532	71493	2.48	cps
Vanadium	51-2	24991	24991	24614	24866	0.88	cps
Yttrium	89-1	16068394	15712157	15150864	15643805	2.96	cps
Yttrium	89-2	2246590	2230202	2197150	2224647	1.13	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:44:24	DataFile Name :	013LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2770	2724	2794	2763	1.29	cps
Zirconium	90-1	32012	32638	32045	32232	1.09	cps
Zirconium	91-1	7519	6844	7160	7174	4.71	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:48:00 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	175	183	194	13.78	cps
Antimony	121-1	458	567	650	558	17.21	cps
Arsenic	75-2	17	7	13	12	37.75	cps
Barium	135-1	75	100	58	78	26.96	cps
Barium	137-1	150	117	150	139	13.86	cps
Beryllium	9-1	107	110	127	114	9.36	cps
Bismuth	209-1	15006896	15026931	15185166	15072998	0.65	cps
Bismuth	209-2	8595320	8664305	8584796	8614807	0.50	cps
Boron	10-1	4109	3976	3984	4023	1.86	cps
Boron	11-1	18787	17944	16626	17786	6.12	cps
Cadmium	111-1	4295	4507	4314	4372	2.68	cps
Cadmium	106-1	5977	6368	6035	6127	3.45	cps
Cadmium	108-1	25	25	21	24	10.20	cps
Calcium	43-1	275	167	242	228	24.36	cps
Calcium	44-1	13482	13116	12615	13071	3.33	cps
Chromium	52-2	1920	1790	1613	1775	8.68	cps
Cobalt	59-2	107	37	83	76	47.17	cps
Copper	63-2	2010	1890	1837	1912	4.64	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	67	33	92	64	45.81	cps
Erbium	164-2	27	57	23	36	51.64	cps
Gadolinium	160-1	108	192	142	147	28.49	cps
Gadolinium	160-2	230	220	250	233	6.55	cps
Holmium	165-1	22209958	22231207	22478142	22306435	0.67	cps
Holmium	165-2	11486562	11551924	11436163	11491549	0.51	cps
Indium	115-1	15778994	15808388	16013628	15867003	0.81	cps
Indium	115-2	2987050	2996608	3027354	3003671	0.70	cps
Iron	56-2	11271	11260	10993	11175	1.41	cps
Iron	57-2	244	217	206	222	9.01	cps
Krypton	83-1	690	740	813	748	8.30	cps
Lead	206-1	2195	2150	2317	2221	3.89	cps
Lead	207-1	2061	1789	1934	1928	7.07	cps
Lead	208-1	8929	8451	9040	8807	3.55	cps
Lithium	6-1	4870678	4895313	4920133	4895375	0.51	cps
Magnesium	24-2	733	542	425	567	27.47	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:48:00	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	227	177	157	187	19.32	cps
Molybdenum	94-1	833	717	917	822	12.22	cps
Molybdenum	95-1	1158	958	817	978	17.56	cps
Molybdenum	96-1	1250	917	917	1028	18.73	cps
Molybdenum	97-1	675	600	508	594	14.04	cps
Molybdenum	98-1	1859	1367	1375	1533	18.36	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	143	157	147	149	4.66	cps
Phosphorus	31-2	317	350	283	317	10.53	cps
Potassium	39-2	21583	21091	22042	21572	2.21	cps
Rhodium	103-1	14396259	14413238	14510375	14439957	0.43	cps
Rhodium	103-2	7048532	7093731	7081355	7074539	0.33	cps
Scandium	45-1	9664089	9676684	9624547	9655107	0.28	cps
Scandium	45-2	431453	434866	435213	433844	0.48	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	93	98	104	98	5.66	cps
Selenium	82-1	58	61	-45	25	246.37	cps
Silicon	28-1	322980	323591	321827	322799	0.28	cps
Silver	109-1	192	258	217	222	15.16	cps
Silver	107-1	250	283	417	317	27.85	cps
Sodium	23-2	25614	25948	25656	25740	0.71	cps
Strontium	86-1	1225	1250	1233	1236	1.03	cps
Strontium	88-1	450	325	250	342	29.57	cps
Sulfur	34-1	418915	414903	414787	416202	0.56	cps
Terbium	159-1	22334158	22561215	22738450	22544608	0.90	cps
Terbium	159-2	11348365	11243421	11143329	11245038	0.91	cps
Thallium	203-1	1000	933	1033	989	5.15	cps
Thallium	205-1	2417	2292	2442	2384	3.37	cps
Thorium	232-1	1278	1250	1217	1248	2.45	cps
Tin	118-1	2575	2942	2459	2659	9.50	cps
Titanium	47-1	267	300	267	278	6.93	cps
Uranium	238-1	183	250	267	233	18.90	cps
Vanadium	51-2	3	20	13	12	68.66	cps
Yttrium	89-1	15600569	15638052	15605154	15614592	0.13	cps
Yttrium	89-2	2221182	2217978	2232870	2224010	0.35	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:48:00	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	567	603	617	596	4.35	cps
Zirconium	90-1	1208	900	1125	1078	14.80	cps
Zirconium	91-1	192	192	167	183	7.87	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:51:38 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20357882	20300685	20483172	20380580	0.46	cps
Antimony	121-1	18255	19214	18830	18766	2.57	cps
Arsenic	75-2	200	185	187	191	4.23	cps
Barium	135-1	7094	7177	7177	7149	0.67	cps
Barium	137-1	12773	12965	12706	12815	1.05	cps
Beryllium	9-1	1390	1403	1430	1408	1.45	cps
Bismuth	209-1	13641546	13797499	14086962	13842002	1.63	cps
Bismuth	209-2	6286432	7040090	7452041	6926187	8.53	cps
Boron	10-1	3609	3692	3584	3628	1.56	cps
Boron	11-1	16209	15817	15200	15742	3.23	cps
Cadmium	111-1	7142	6779	6884	6935	2.69	cps
Cadmium	106-1	5851	5610	5785	5749	2.17	cps
Cadmium	108-1	5914	5881	5793	5862	1.07	cps
Calcium	43-1	5749660	5803881	5883279	5812274	1.16	cps
Calcium	44-1	94954513	96296129	95383533	95544725	0.72	cps
Chromium	52-2	242389	243904	242936	243076	0.32	cps
Cobalt	59-2	11301	11188	11318	11269	0.63	cps
Copper	63-2	52865	53504	53116	53162	0.61	cps
Dysprosium	156-1	125	100	83	103	20.41	cps
Dysprosium	156-2	53	40	33	42	24.12	cps
Erbium	164-1	208	175	192	192	8.69	cps
Erbium	164-2	40	90	90	73	39.36	cps
Gadolinium	160-1	175	183	225	194	13.78	cps
Gadolinium	160-2	227	263	290	260	12.23	cps
Holmium	165-1	22261859	22875893	23429468	22855740	2.56	cps
Holmium	165-2	9287241	10614816	11237432	10379830	9.60	cps
Indium	115-1	14814775	15283078	15760191	15286015	3.09	cps
Indium	115-2	2318599	2625869	2789840	2578103	9.28	cps
Iron	56-2	516108267	512764111	516500734	515124371	0.40	cps
Iron	57-2	12747315	12719712	12755269	12740766	0.15	cps
Krypton	83-1	710	697	803	737	7.89	cps
Lead	206-1	90417	92561	91587	91522	1.17	cps
Lead	207-1	69611	71270	71125	70669	1.30	cps
Lead	208-1	331910	338301	337788	336000	1.06	cps
Lithium	6-1	4682990	4733272	4838235	4751499	1.67	cps
Magnesium	24-2	48425276	48690171	48879575	48665007	0.47	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 12:51:38 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	28177	28127	28682	28329	1.08	cps
Molybdenum	94-1	10122522	10246511	10133476	10167503	0.68	cps
Molybdenum	95-1	17941873	18031682	17955909	17976488	0.27	cps
Molybdenum	96-1	19144557	19220707	19257674	19207646	0.30	cps
Molybdenum	97-1	11181977	11292265	11275443	11249895	0.53	cps
Molybdenum	98-1	28937417	29220774	28989589	29049260	0.52	cps
Neodymium	150-1	127	113	93	111	15.10	cps
Neodymium	150-2	40	53	50	48	14.52	cps
Nickel	60-2	13243	13126	13386	13252	0.98	cps
Phosphorus	31-2	1117032	1124470	1134948	1125483	0.80	cps
Potassium	39-2	42313809	42369936	42781867	42488537	0.60	cps
Rhodium	103-1	12988407	13338541	13627336	13318095	2.40	cps
Rhodium	103-2	5253962	5963679	6286178	5834606	9.05	cps
Scandium	45-1	9320577	9547231	9927424	9598411	3.19	cps
Scandium	45-2	354726	391316	421030	389024	8.54	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	74	100	83	86	15.32	cps
Selenium	82-1	100	128	-35	64	136.22	cps
Silicon	28-1	598642	611237	609220	606366	1.12	cps
Silver	109-1	1058	1167	1225	1150	7.35	cps
Silver	107-1	1200	1275	1367	1281	6.52	cps
Sodium	23-2	91359669	90887817	92290990	91512825	0.78	cps
Strontium	86-1	203168	202544	209339	205017	1.83	cps
Strontium	88-1	1789344	1812709	1789259	1797104	0.75	cps
Sulfur	34-1	9101685	9255069	9182316	9179690	0.84	cps
Terbium	159-1	22367914	22873460	23490106	22910494	2.45	cps
Terbium	159-2	9168727	10306520	10833617	10102955	8.42	cps
Thallium	203-1	2217	2067	2192	2159	3.72	cps
Thallium	205-1	4801	5460	5918	5393	10.41	cps
Thorium	232-1	1006	1067	1056	1043	3.12	cps
Tin	118-1	4718	4968	4451	4712	5.48	cps
Titanium	47-1	5287395	5342419	5304388	5311401	0.53	cps
Uranium	238-1	1258	1300	1483	1347	8.89	cps
Vanadium	51-2	667	947	797	803	17.44	cps
Yttrium	89-1	15262601	15410621	15942172	15538465	2.30	cps
Yttrium	89-2	1778514	2026046	2130379	1978313	9.14	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:51:38	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13586	13513	13343	13481	0.93	cps
Zirconium	90-1	1592	1800	1734	1709	6.23	cps
Zirconium	91-1	342	300	325	322	6.51	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:55:15	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20914183	21225197	21158194	21099191	0.78	cps
Antimony	121-1	361450	364984	367482	364639	0.83	cps
Arsenic	75-2	12144	12376	12185	12235	1.01	cps
Barium	135-1	103024	107793	105927	105581	2.28	cps
Barium	137-1	182923	185296	185924	184714	0.86	cps
Beryllium	9-1	94029	94884	95096	94669	0.60	cps
Bismuth	209-1	13715838	13725209	13724149	13721732	0.04	cps
Bismuth	209-2	7548353	7624776	7635080	7602736	0.62	cps
Boron	10-1	60915	60121	60431	60489	0.66	cps
Boron	11-1	272835	276149	278937	275974	1.11	cps
Cadmium	111-1	113242	114865	113729	113945	0.73	cps
Cadmium	106-1	21876	21934	21567	21792	0.91	cps
Cadmium	108-1	15150	15342	15722	15404	1.89	cps
Calcium	43-1	6116287	6139205	6158849	6138114	0.35	cps
Calcium	44-1	99984117	99688065	101355044	100342408	0.89	cps
Chromium	52-2	359159	358438	356260	357952	0.42	cps
Cobalt	59-2	207964	208816	208592	208457	0.21	cps
Copper	63-2	190816	192468	193545	192276	0.71	cps
Dysprosium	156-1	117	75	133	108	27.74	cps
Dysprosium	156-2	40	67	57	54	24.75	cps
Erbium	164-1	142	133	167	147	11.78	cps
Erbium	164-2	80	80	67	76	10.19	cps
Gadolinium	160-1	217	258	192	222	15.16	cps
Gadolinium	160-2	310	260	247	272	12.27	cps
Holmium	165-1	22720379	22713866	22728690	22720978	0.03	cps
Holmium	165-2	11465287	11545859	11484483	11498543	0.37	cps
Indium	115-1	15365463	15237272	15322564	15308433	0.43	cps
Indium	115-2	2850430	2877629	2866209	2864756	0.48	cps
Iron	56-2	530121979	531768701	527026767	529639149	0.45	cps
Iron	57-2	13079635	13190614	13100338	13123529	0.45	cps
Krypton	83-1	717	770	760	749	3.79	cps
Lead	206-1	464829	467663	471142	467878	0.68	cps
Lead	207-1	382862	379661	383304	381942	0.52	cps
Lead	208-1	1763572	1769714	1775741	1769676	0.34	cps
Lithium	6-1	4784076	4759738	4775944	4773253	0.26	cps
Magnesium	24-2	50105123	50544936	50372078	50340712	0.44	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:55:15	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	101803	103021	102739	102521	0.62	cps
Molybdenum	94-1	11445022	11554322	11544701	11514682	0.53	cps
Molybdenum	95-1	19124729	19187145	19259379	19190417	0.35	cps
Molybdenum	96-1	20503000	20447892	20814557	20588483	0.96	cps
Molybdenum	97-1	11898056	12022384	12153276	12024572	1.06	cps
Molybdenum	98-1	30690832	30950613	31143240	30928228	0.73	cps
Neodymium	150-1	93	147	87	109	30.20	cps
Neodymium	150-2	27	47	43	39	27.55	cps
Nickel	60-2	63885	63775	64217	63959	0.36	cps
Phosphorus	31-2	1163812	1167122	1164088	1165007	0.16	cps
Potassium	39-2	44370732	44386250	44470768	44409250	0.12	cps
Rhodium	103-1	13450278	13355303	13469685	13425089	0.46	cps
Rhodium	103-2	6527841	6522529	6503747	6518039	0.19	cps
Scandium	45-1	9697541	9697479	9752979	9716000	0.33	cps
Scandium	45-2	434653	438705	438664	437341	0.53	cps
Selenium	77-2	360	410	320	363	12.41	cps
Selenium	78-2	1363	1232	1174	1256	7.71	cps
Selenium	82-1	7955	7897	8113	7988	1.40	cps
Silicon	28-1	1351039	1364362	1371534	1362312	0.76	cps
Silver	109-1	465229	470291	475224	470248	1.06	cps
Silver	107-1	482746	486664	491876	487095	0.94	cps
Sodium	23-2	95067983	95840063	95618081	95508709	0.42	cps
Strontium	86-1	559028	566453	566688	564056	0.77	cps
Strontium	88-1	4838352	4906296	4922892	4889180	0.92	cps
Sulfur	34-1	9690379	9657902	9702993	9683758	0.24	cps
Terbium	159-1	22738844	22846604	22751701	22779050	0.26	cps
Terbium	159-2	11188272	11185872	11164438	11179527	0.12	cps
Thallium	203-1	458514	464717	462110	461780	0.67	cps
Thallium	205-1	1108986	1103916	1113454	1108785	0.43	cps
Thorium	232-1	33205	32899	33896	33333	1.53	cps
Tin	118-1	895098	904763	908726	902862	0.78	cps
Titanium	47-1	5748719	5667440	5734231	5716797	0.76	cps
Uranium	238-1	4033203	4111421	4038802	4061142	1.07	cps
Vanadium	51-2	94373	95815	96023	95404	0.94	cps
Yttrium	89-1	15605914	15595023	15700301	15633746	0.37	cps
Yttrium	89-2	2215907	2236519	2226638	2226355	0.46	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:55:15	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	34598	34735	34755	34696	0.25	cps
Zirconium	90-1	1773569	1794572	1813112	1793751	1.10	cps
Zirconium	91-1	396740	401205	403292	400412	0.84	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P7
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:58:59	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13471393	13377679	13416331	13421801	0.35	cps
Antimony	121-1	9196102	9291793	9254123	9247339	0.52	cps
Arsenic	75-2	326770	324781	324800	325450	0.35	cps
Barium	135-1	13095807	13154223	13170466	13140165	0.30	cps
Barium	137-1	22900056	23041972	23117013	23019680	0.48	cps
Beryllium	9-1	2474464	2480908	2482670	2479347	0.17	cps
Bismuth	209-1	13123692	13083894	13045677	13084421	0.30	cps
Bismuth	209-2	7117467	7213353	7287664	7206161	1.18	cps
Boron	10-1	513980	525564	533102	524215	1.84	cps
Boron	11-1	2397499	2448555	2499072	2448375	2.07	cps
Cadmium	111-1	2686415	2707848	2735139	2709801	0.90	cps
Cadmium	106-1	305190	305918	308460	306523	0.56	cps
Cadmium	108-1	206662	208712	207596	207657	0.49	cps
Calcium	43-1	16278008	16181379	16263515	16240967	0.32	cps
Calcium	44-1	266537539	267093256	266395789	266675528	0.14	cps
Chromium	52-2	3332010	3331547	3350069	3337876	0.32	cps
Cobalt	59-2	5282866	5265160	5326993	5291673	0.60	cps
Copper	63-2	7133837	7123521	7162723	7140027	0.28	cps
Dysprosium	156-1	350	342	333	342	2.44	cps
Dysprosium	156-2	207	220	187	204	8.21	cps
Erbium	164-1	175	92	117	128	33.47	cps
Erbium	164-2	87	67	57	70	21.82	cps
Gadolinium	160-1	317	242	217	258	20.15	cps
Gadolinium	160-2	317	307	330	318	3.68	cps
Holmium	165-1	23189835	22913071	22945316	23016074	0.66	cps
Holmium	165-2	11337227	11469324	11505779	11437443	0.78	cps
Indium	115-1	15544555	15399721	15459655	15467977	0.47	cps
Indium	115-2	2860943	2902484	2938781	2900736	1.34	cps
Iron	56-2	708763949	701634793	706681682	705693475	0.52	cps
Iron	57-2	17639394	17450592	17560338	17550108	0.54	cps
Krypton	83-1	743	770	837	783	6.14	cps
Lead	206-1	9453725	9459222	9369221	9427389	0.54	cps
Lead	207-1	8341875	8374991	8344532	8353799	0.22	cps
Lead	208-1	37376415	37504748	37283073	37388078	0.30	cps
Lithium	6-1	4861982	4824151	4848739	4844958	0.40	cps
Magnesium	24-2	140733995	141431224	142617378	141594199	0.67	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P7
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:58:59	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4018242	4038061	4043016	4033106	0.33	cps
Molybdenum	94-1	21070260	21299130	21230740	21200044	0.55	cps
Molybdenum	95-1	25963788	26220203	26063368	26082453	0.50	cps
Molybdenum	96-1	28728637	28873626	28818331	28806865	0.25	cps
Molybdenum	97-1	16140364	16195087	16276346	16203933	0.42	cps
Molybdenum	98-1	41971018	41756778	41607001	41778266	0.44	cps
Neodymium	150-1	1213	1253	1233	1233	1.62	cps
Neodymium	150-2	170	200	153	174	13.56	cps
Nickel	60-2	1352904	1342995	1359573	1351824	0.62	cps
Phosphorus	31-2	134073	133385	136006	134488	1.01	cps
Potassium	39-2	61765110	61806583	61422726	61664806	0.34	cps
Rhodium	103-1	13465586	13346616	13249208	13353803	0.81	cps
Rhodium	103-2	6321026	6393915	6440445	6385129	0.94	cps
Scandium	45-1	10177924	10142551	10152492	10157656	0.18	cps
Scandium	45-2	457941	462649	467925	462839	1.08	cps
Selenium	77-2	9393	9276	9323	9331	0.63	cps
Selenium	78-2	32241	31712	32594	32183	1.38	cps
Selenium	82-1	206538	206803	209819	207720	0.88	cps
Silicon	28-1	8398421	8697259	8913344	8669674	2.98	cps
Silver	109-1	12443615	12514810	12556461	12504962	0.46	cps
Silver	107-1	12992081	13064063	12972964	13009703	0.37	cps
Sodium	23-2	264243798	264286723	266543989	265024836	0.50	cps
Strontium	86-1	3421221	3433886	3470903	3442004	0.75	cps
Strontium	88-1	29833202	30035674	30054656	29974510	0.41	cps
Sulfur	34-1	1659701	1677478	1674039	1670406	0.56	cps
Terbium	159-1	23265790	23262305	22862453	23130182	1.00	cps
Terbium	159-2	11114120	11192754	11262441	11189772	0.66	cps
Thallium	203-1	11807136	11869752	11731999	11802962	0.58	cps
Thallium	205-1	28016517	27871798	27946009	27944775	0.26	cps
Thorium	232-1	40324325	39882800	40225979	40144368	0.58	cps
Tin	118-1	9084804	9102595	9124580	9103993	0.22	cps
Titanium	47-1	7605150	7602011	7601613	7602925	0.03	cps
Uranium	238-1	39005810	38585349	38986958	38859372	0.61	cps
Vanadium	51-2	2691809	2684995	2677699	2684834	0.26	cps
Yttrium	89-1	16168246	16056816	16081056	16102039	0.36	cps
Yttrium	89-2	2262519	2313577	2309072	2295056	1.23	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P7
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 12:58:59	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1024647	1024609	1034164	1027806	0.54	cps
Zirconium	90-1	17843486	17684597	17737181	17755088	0.46	cps
Zirconium	91-1	3920567	3924631	3952424	3932541	0.44	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:04:56	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4968	5268	5126	5121	2.93	cps
Antimony	121-1	38955	38487	39147	38863	0.87	cps
Arsenic	75-2	648	728	626	667	8.03	cps
Barium	135-1	50660	53135	51346	51714	2.47	cps
Barium	137-1	91066	91015	90671	90917	0.24	cps
Beryllium	9-1	5071	5468	5358	5299	3.87	cps
Bismuth	209-1	15709049	15574162	15765319	15682843	0.63	cps
Bismuth	209-2	8543689	9368618	8118997	8677101	7.32	cps
Boron	10-1	32068	33112	33429	32870	2.17	cps
Boron	11-1	148853	148542	152109	149835	1.32	cps
Cadmium	111-1	11181	10727	11183	11030	2.38	cps
Cadmium	106-1	7702	6860	7611	7391	6.25	cps
Cadmium	108-1	458	467	542	489	9.39	cps
Calcium	43-1	32420	32562	31735	32239	1.37	cps
Calcium	44-1	546653	545912	548203	546923	0.21	cps
Chromium	52-2	15552	15392	15185	15376	1.20	cps
Cobalt	59-2	10934	11301	11164	11133	1.67	cps
Copper	63-2	18575	18746	19073	18798	1.34	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	75	58	42	58	28.57	cps
Erbium	164-2	27	50	37	38	30.98	cps
Gadolinium	160-1	133	158	225	172	27.51	cps
Gadolinium	160-2	183	267	257	236	19.32	cps
Holmium	165-1	23961670	23612991	23955919	23843527	0.84	cps
Holmium	165-2	11689502	12832741	11065462	11862568	7.56	cps
Indium	115-1	17103116	16999587	17168684	17090462	0.50	cps
Indium	115-2	3103045	3394473	2970951	3156157	6.87	cps
Iron	56-2	326598	325223	327576	326466	0.36	cps
Iron	57-2	8197	8369	8453	8340	1.56	cps
Krypton	83-1	693	777	733	734	5.67	cps
Lead	206-1	21290	20722	21802	21271	2.54	cps
Lead	207-1	18213	18797	17885	18298	2.53	cps
Lead	208-1	83483	82970	84246	83566	0.77	cps
Lithium	6-1	5273499	5241731	5265284	5260171	0.31	cps
Magnesium	24-2	283857	288586	288332	286925	0.93	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:04:56	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4331	4157	4341	4276	2.41	cps
Molybdenum	94-1	43760	44721	43392	43958	1.56	cps
Molybdenum	95-1	56412	53970	55065	55149	2.22	cps
Molybdenum	96-1	60304	60203	60119	60209	0.15	cps
Molybdenum	97-1	34919	33541	34426	34295	2.04	cps
Molybdenum	98-1	87561	88566	87015	87714	0.90	cps
Neodymium	150-1	7	27	0	11	124.89	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	3174	3020	3057	3084	2.60	cps
Phosphorus	31-2	1208	1183	917	1103	14.66	cps
Potassium	39-2	263751	264647	265503	264634	0.33	cps
Rhodium	103-1	15639915	15558825	15700124	15632955	0.45	cps
Rhodium	103-2	7355512	8045867	7018902	7473427	7.01	cps
Scandium	45-1	10633427	10554831	10574729	10587662	0.39	cps
Scandium	45-2	458981	498996	443911	467296	6.09	cps
Selenium	77-2	107	127	107	113	10.19	cps
Selenium	78-2	461	535	506	501	7.45	cps
Selenium	82-1	2644	2548	2610	2601	1.87	cps
Silicon	28-1	488494	487399	485242	487045	0.34	cps
Silver	109-1	28171	28563	28171	28302	0.80	cps
Silver	107-1	29423	29983	30409	29938	1.65	cps
Sodium	23-2	545654	546154	547127	546312	0.14	cps
Strontium	86-1	7719	7602	7969	7764	2.41	cps
Strontium	88-1	58312	56813	57801	57642	1.32	cps
Sulfur	34-1	453666	452698	453853	453406	0.14	cps
Terbium	159-1	24265596	24080551	23938752	24094967	0.68	cps
Terbium	159-2	11342628	12502457	10952560	11599215	6.95	cps
Thallium	203-1	25901	25384	25926	25737	1.19	cps
Thallium	205-1	61820	61427	61828	61692	0.37	cps
Thorium	232-1	75305	76555	76143	76001	0.84	cps
Tin	118-1	98578	98778	100232	99196	0.91	cps
Titanium	47-1	15842	15108	15333	15428	2.44	cps
Uranium	238-1	73380	73385	71526	72764	1.47	cps
Vanadium	51-2	27473	26855	26704	27010	1.51	cps
Yttrium	89-1	17030360	16837724	16940542	16936209	0.57	cps
Yttrium	89-2	2312028	2535829	2216535	2354797	6.96	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:04:56	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2854	3004	2970	2943	2.68	cps
Zirconium	90-1	36606	35988	36639	36411	1.01	cps
Zirconium	91-1	8203	8161	8119	8161	0.51	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : CCB79 Instrumnet Name : P7
 Client Sample ID : CCB79 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:08:31 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	225	150	172	26.65	cps
Antimony	121-1	633	800	758	731	11.87	cps
Arsenic	75-2	22	15	6	14	58.79	cps
Barium	135-1	150	117	108	125	17.64	cps
Barium	137-1	225	175	208	203	12.55	cps
Beryllium	9-1	190	203	103	166	32.79	cps
Bismuth	209-1	15478241	15447283	15511866	15479130	0.21	cps
Bismuth	209-2	8801012	8721141	8841349	8787834	0.70	cps
Boron	10-1	4593	4259	4176	4342	5.08	cps
Boron	11-1	20606	20915	20448	20657	1.15	cps
Cadmium	111-1	4723	4971	4506	4733	4.91	cps
Cadmium	106-1	6693	6927	6310	6644	4.69	cps
Cadmium	108-1	42	17	33	31	41.66	cps
Calcium	43-1	308	350	267	308	13.51	cps
Calcium	44-1	14759	14675	14533	14656	0.78	cps
Chromium	52-2	2090	2270	2217	2192	4.22	cps
Cobalt	59-2	90	123	97	103	17.07	cps
Copper	63-2	2910	2730	2744	2795	3.59	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	92	100	75	89	14.32	cps
Erbium	164-2	40	27	27	31	24.74	cps
Gadolinium	160-1	158	100	100	119	28.19	cps
Gadolinium	160-2	283	270	260	271	4.32	cps
Holmium	165-1	23616886	23429047	23423738	23489891	0.47	cps
Holmium	165-2	11995470	11924286	12014984	11978246	0.40	cps
Indium	115-1	16975902	16829217	16991218	16932112	0.53	cps
Indium	115-2	3196295	3156861	3208905	3187354	0.85	cps
Iron	56-2	14213	14179	14252	14215	0.25	cps
Iron	57-2	317	267	244	276	13.41	cps
Krypton	83-1	670	790	780	747	8.92	cps
Lead	206-1	1706	1806	1722	1745	3.07	cps
Lead	207-1	1545	1472	1506	1508	2.40	cps
Lead	208-1	6751	7057	7173	6994	3.12	cps
Lithium	6-1	5240027	5213194	5254088	5235769	0.40	cps
Magnesium	24-2	1292	1167	1208	1222	5.21	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : CCB79 Instrumnet Name : P7
 Client Sample ID : CCB79 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:08:31 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	73	90	89	16.92	cps
Molybdenum	94-1	1000	1067	975	1014	4.67	cps
Molybdenum	95-1	1233	1083	1092	1136	7.42	cps
Molybdenum	96-1	1400	1367	1142	1303	10.79	cps
Molybdenum	97-1	833	742	675	750	10.60	cps
Molybdenum	98-1	1775	1800	1809	1795	0.97	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	177	170	120	156	19.91	cps
Phosphorus	31-2	283	375	400	353	17.41	cps
Potassium	39-2	27334	27109	27251	27231	0.42	cps
Rhodium	103-1	15591895	15610698	15558109	15586901	0.17	cps
Rhodium	103-2	7615747	7498906	7582704	7565786	0.80	cps
Scandium	45-1	10371087	10426130	10449960	10415726	0.39	cps
Scandium	45-2	463207	469084	471459	467917	0.91	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	78	107	100	95	16.22	cps
Selenium	82-1	149	74	62	95	49.36	cps
Silicon	28-1	345106	345064	343213	344461	0.31	cps
Silver	109-1	608	417	375	467	26.67	cps
Silver	107-1	583	633	525	581	9.34	cps
Sodium	23-2	33112	32536	32344	32664	1.22	cps
Strontium	86-1	1258	1142	1133	1178	5.93	cps
Strontium	88-1	625	392	492	503	23.28	cps
Sulfur	34-1	455844	456668	457356	456623	0.17	cps
Terbium	159-1	23655075	23682324	23646074	23661157	0.08	cps
Terbium	159-2	11864951	11608608	11801719	11758426	1.14	cps
Thallium	203-1	1408	1258	1342	1336	5.63	cps
Thallium	205-1	3176	3017	3025	3073	2.90	cps
Thorium	232-1	1350	1333	1306	1330	1.69	cps
Tin	118-1	2142	2325	2050	2172	6.45	cps
Titanium	47-1	208	150	258	206	26.38	cps
Uranium	238-1	333	308	392	344	12.42	cps
Vanadium	51-2	20	23	30	24	20.83	cps
Yttrium	89-1	16806388	16689784	16774455	16756876	0.36	cps
Yttrium	89-2	2397639	2356058	2403176	2385624	1.08	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P7
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:08:31	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	310	280	350	313	11.21	cps
Zirconium	90-1	1250	1325	1192	1256	5.32	cps
Zirconium	91-1	300	283	242	275	10.93	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:12:08	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5234	4834	5068	5046	3.98	cps
Antimony	121-1	37610	37058	36649	37106	1.30	cps
Arsenic	75-2	706	648	656	670	4.66	cps
Barium	135-1	51630	50752	50476	50953	1.18	cps
Barium	137-1	90184	89279	88733	89399	0.82	cps
Beryllium	9-1	5488	5541	5298	5442	2.35	cps
Bismuth	209-1	15490394	15360264	15342617	15397758	0.52	cps
Bismuth	209-2	8667639	8650517	8602986	8640381	0.39	cps
Boron	10-1	29363	30006	30699	30022	2.23	cps
Boron	11-1	136068	136285	138665	137006	1.05	cps
Cadmium	111-1	10846	10629	10477	10651	1.74	cps
Cadmium	106-1	7394	7369	7402	7388	0.23	cps
Cadmium	108-1	508	454	521	494	7.17	cps
Calcium	43-1	32161	32562	33631	32785	2.32	cps
Calcium	44-1	536144	533715	531976	533945	0.39	cps
Chromium	52-2	14671	14888	14694	14751	0.81	cps
Cobalt	59-2	10681	10470	10324	10492	1.71	cps
Copper	63-2	17824	18088	18372	18095	1.51	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	40	47	50	46	11.18	cps
Gadolinium	160-1	133	183	125	147	21.43	cps
Gadolinium	160-2	220	240	283	248	13.06	cps
Holmium	165-1	23233838	23527423	23105742	23289001	0.93	cps
Holmium	165-2	11836899	11828590	11862159	11842549	0.15	cps
Indium	115-1	16913127	16689450	16754494	16785691	0.69	cps
Indium	115-2	3145946	3148582	3141768	3145432	0.11	cps
Iron	56-2	309162	313569	308217	310316	0.92	cps
Iron	57-2	7647	7636	7680	7654	0.30	cps
Krypton	83-1	693	747	740	727	4.00	cps
Lead	206-1	20004	21101	21846	20984	4.42	cps
Lead	207-1	17673	17801	17267	17581	1.59	cps
Lead	208-1	80281	81834	81237	81117	0.97	cps
Lithium	6-1	5260405	5221023	5248412	5243280	0.38	cps
Magnesium	24-2	275401	276800	279043	277081	0.66	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:12:08	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4374	4287	4191	4284	2.14	cps
Molybdenum	94-1	43526	42339	42899	42921	1.38	cps
Molybdenum	95-1	51878	52163	52430	52157	0.53	cps
Molybdenum	96-1	57132	57693	56722	57182	0.85	cps
Molybdenum	97-1	32705	32814	32747	32755	0.17	cps
Molybdenum	98-1	84434	82941	84156	83844	0.95	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	2924	3247	3150	3107	5.34	cps
Phosphorus	31-2	992	1033	1050	1025	2.93	cps
Potassium	39-2	255513	257040	254652	255735	0.47	cps
Rhodium	103-1	15377752	15306935	15355759	15346815	0.24	cps
Rhodium	103-2	7421806	7469146	7440422	7443791	0.32	cps
Scandium	45-1	10403494	10274946	10388831	10355757	0.68	cps
Scandium	45-2	464923	465430	465260	465204	0.06	cps
Selenium	77-2	73	107	123	101	25.18	cps
Selenium	78-2	424	472	415	437	7.05	cps
Selenium	82-1	2537	2556	2533	2542	0.49	cps
Silicon	28-1	479054	478316	482721	480030	0.49	cps
Silver	109-1	28496	28179	27202	27959	2.41	cps
Silver	107-1	29089	28630	29331	29017	1.23	cps
Sodium	23-2	522049	524901	525209	524053	0.33	cps
Strontium	86-1	7444	7611	7719	7591	1.83	cps
Strontium	88-1	56805	56713	57641	57053	0.90	cps
Sulfur	34-1	479047	477658	484134	480279	0.71	cps
Terbium	159-1	23685671	23328211	23661321	23558401	0.85	cps
Terbium	159-2	11593195	11568327	11624934	11595485	0.24	cps
Thallium	203-1	23939	23830	24023	23931	0.40	cps
Thallium	205-1	57693	58280	58714	58229	0.88	cps
Thorium	232-1	73092	72567	72538	72732	0.43	cps
Tin	118-1	102682	99551	101859	101364	1.60	cps
Titanium	47-1	14866	14741	14549	14719	1.09	cps
Uranium	238-1	69733	70628	69037	69799	1.14	cps
Vanadium	51-2	25900	25913	26223	26012	0.70	cps
Yttrium	89-1	16651184	16552942	16653914	16619347	0.35	cps
Yttrium	89-2	2320498	2367126	2339748	2342457	1.00	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:12:08	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3087	2690	2927	2901	6.88	cps
Zirconium	90-1	33499	34209	34827	34178	1.94	cps
Zirconium	91-1	7636	7577	7786	7666	1.40	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : PB116542BL Instrumnet Name : P7
 Client Sample ID : PB116542BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:15:43 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	83	142	89	56.51	cps
Antimony	121-1	317	333	408	353	13.84	cps
Arsenic	75-2	9	9	11	10	10.81	cps
Barium	135-1	25	33	67	42	52.92	cps
Barium	137-1	142	58	92	97	43.14	cps
Beryllium	9-1	127	130	133	130	2.57	cps
Bismuth	209-1	15362376	15240817	15297193	15300129	0.40	cps
Bismuth	209-2	8607016	8846407	8893425	8782283	1.75	cps
Boron	10-1	3676	3501	3667	3614	2.73	cps
Boron	11-1	15509	15659	15150	15439	1.69	cps
Cadmium	111-1	4763	5012	5039	4938	3.08	cps
Cadmium	106-1	6727	7094	7135	6985	3.22	cps
Cadmium	108-1	29	17	63	36	65.60	cps
Calcium	43-1	208	208	167	194	12.37	cps
Calcium	44-1	13224	12890	13198	13104	1.42	cps
Chromium	52-2	2147	2097	2254	2166	3.70	cps
Cobalt	59-2	80	77	77	78	2.47	cps
Copper	63-2	2440	2634	2600	2558	4.04	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	42	67	142	83	62.45	cps
Erbium	164-2	43	50	27	40	30.04	cps
Gadolinium	160-1	167	92	158	139	29.60	cps
Gadolinium	160-2	220	307	270	266	16.38	cps
Holmium	165-1	23222142	23167131	23255153	23214809	0.19	cps
Holmium	165-2	11791210	11952103	12155946	11966420	1.53	cps
Indium	115-1	16745634	16629199	16729455	16701429	0.38	cps
Indium	115-2	3108131	3184346	3243054	3178510	2.13	cps
Iron	56-2	8870	9609	8825	9101	4.84	cps
Iron	57-2	139	150	161	150	7.41	cps
Krypton	83-1	763	753	713	743	3.56	cps
Lead	206-1	1550	1667	1567	1595	3.96	cps
Lead	207-1	1395	1367	1383	1382	1.01	cps
Lead	208-1	6390	6206	6384	6327	1.65	cps
Lithium	6-1	5308001	5290576	5291670	5296749	0.18	cps
Magnesium	24-2	467	517	625	536	15.10	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : PB116542BL Instrumnet Name : P7
 Client Sample ID : PB116542BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:15:43 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	90	80	82	8.44	cps
Molybdenum	94-1	575	658	483	572	15.30	cps
Molybdenum	95-1	367	408	583	453	25.39	cps
Molybdenum	96-1	683	650	508	614	15.14	cps
Molybdenum	97-1	358	308	333	333	7.50	cps
Molybdenum	98-1	567	642	608	606	6.21	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	150	127	117	131	13.04	cps
Phosphorus	31-2	475	400	458	444	8.86	cps
Potassium	39-2	24963	24847	24863	24891	0.25	cps
Rhodium	103-1	15381295	15442184	15334014	15385831	0.35	cps
Rhodium	103-2	7446122	7574383	7691153	7570552	1.62	cps
Scandium	45-1	10364873	10424434	10428277	10405861	0.34	cps
Scandium	45-2	462083	472468	483485	472678	2.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	94	107	93	98	8.23	cps
Selenium	82-1	110	94	171	125	32.65	cps
Silicon	28-1	336351	339712	339057	338373	0.53	cps
Silver	109-1	267	242	233	247	7.02	cps
Silver	107-1	417	317	342	358	14.52	cps
Sodium	23-2	27718	26499	26883	27033	2.31	cps
Strontium	86-1	1100	1192	1300	1197	8.36	cps
Strontium	88-1	300	192	217	236	24.02	cps
Sulfur	34-1	481914	480492	480563	480990	0.17	cps
Terbium	159-1	23490174	23621090	23483346	23531537	0.33	cps
Terbium	159-2	11505687	11763441	11922026	11730385	1.79	cps
Thallium	203-1	883	1058	808	917	14.00	cps
Thallium	205-1	2242	2550	2392	2395	6.44	cps
Thorium	232-1	889	689	750	776	13.21	cps
Tin	118-1	1150	1142	1125	1139	1.12	cps
Titanium	47-1	167	183	192	181	7.05	cps
Uranium	238-1	117	108	133	119	10.66	cps
Vanadium	51-2	23	10	10	14	53.28	cps
Yttrium	89-1	16670064	16519932	16655784	16615260	0.50	cps
Yttrium	89-2	2317239	2367708	2413748	2366232	2.04	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116542BL	Instrumnet Name :	P7
Client Sample ID :	PB116542BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:15:43	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	437	537	457	477	11.10	cps
Zirconium	90-1	1042	1183	1175	1133	7.01	cps
Zirconium	91-1	225	217	192	211	8.22	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : PB116542BS Instrumnet Name : P7
 Client Sample ID : PB116542BS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:19:20 DataFile Name : 022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2413991	2399199	2414365	2409185	0.36	cps
Antimony	121-1	9724547	9652030	9513452	9630010	1.11	cps
Arsenic	75-2	337335	338912	338107	338118	0.23	cps
Barium	135-1	13178513	13086338	13015605	13093485	0.62	cps
Barium	137-1	22974857	23052171	22649837	22892289	0.93	cps
Beryllium	9-1	2652207	2660124	2626203	2646178	0.67	cps
Bismuth	209-1	14358384	14480883	14295997	14378421	0.65	cps
Bismuth	209-2	8066242	8032045	8062397	8053561	0.23	cps
Boron	10-1	561868	564441	566115	564141	0.38	cps
Boron	11-1	2594377	2586888	2602266	2594510	0.30	cps
Cadmium	111-1	2960477	2998337	2962089	2973634	0.72	cps
Cadmium	106-1	331988	337033	329704	332908	1.13	cps
Cadmium	108-1	225897	231018	224860	227258	1.45	cps
Calcium	43-1	3340123	3314130	3283167	3312473	0.86	cps
Calcium	44-1	54731051	54299857	53019879	54016929	1.65	cps
Chromium	52-2	3248427	3244464	3237922	3243605	0.16	cps
Cobalt	59-2	5316499	5329795	5384073	5343456	0.67	cps
Copper	63-2	7531817	7480823	7486011	7499550	0.37	cps
Dysprosium	156-1	275	350	317	314	11.97	cps
Dysprosium	156-2	193	213	193	200	5.77	cps
Erbium	164-1	150	158	158	156	3.09	cps
Erbium	164-2	47	80	60	62	26.96	cps
Gadolinium	160-1	250	217	283	250	13.33	cps
Gadolinium	160-2	313	283	257	284	9.97	cps
Holmium	165-1	22586046	23071766	22881014	22846275	1.07	cps
Holmium	165-2	11628731	11645989	11596104	11623608	0.22	cps
Indium	115-1	15746906	15618034	15578845	15647928	0.56	cps
Indium	115-2	2961268	2980203	2990207	2977226	0.49	cps
Iron	56-2	143973870	143810187	144262370	144015475	0.16	cps
Iron	57-2	3478610	3489593	3555988	3508064	1.19	cps
Krypton	83-1	680	640	653	658	3.10	cps
Lead	206-1	10051768	10068946	9950210	10023642	0.64	cps
Lead	207-1	8853411	8868276	8830129	8850605	0.22	cps
Lead	208-1	39717118	39920505	39350464	39662695	0.73	cps
Lithium	6-1	5085568	5096858	5022029	5068151	0.80	cps
Magnesium	24-2	28939046	28554457	28946579	28813361	0.78	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : PB116542BS Instrumnet Name : P7
 Client Sample ID : PB116542BS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:19:20 DataFile Name : 022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3986823	4009790	4011755	4002789	0.35	cps
Molybdenum	94-1	20923470	20816228	20578688	20772795	0.85	cps
Molybdenum	95-1	25805842	25674306	25139133	25539760	1.38	cps
Molybdenum	96-1	28478560	28449405	28204723	28377562	0.53	cps
Molybdenum	97-1	16096725	16080389	15771899	15983005	1.14	cps
Molybdenum	98-1	41394809	41549832	40886107	41276916	0.84	cps
Neodymium	150-1	1027	1233	1240	1167	10.40	cps
Neodymium	150-2	110	143	163	139	19.40	cps
Nickel	60-2	1383712	1395299	1414970	1397994	1.13	cps
Phosphorus	31-2	132721	131196	132551	132156	0.63	cps
Potassium	39-2	11764585	11695644	11817403	11759211	0.52	cps
Rhodium	103-1	14104570	14097173	13979352	14060365	0.50	cps
Rhodium	103-2	6812071	6871658	6822120	6835283	0.47	cps
Scandium	45-1	9884072	10005623	9845176	9911624	0.84	cps
Scandium	45-2	448074	452925	449960	450319	0.54	cps
Selenium	77-2	10007	9870	10381	10086	2.62	cps
Selenium	78-2	34240	33980	34296	34172	0.49	cps
Selenium	82-1	227858	227066	224770	226565	0.71	cps
Silicon	28-1	11868633	12171771	12421116	12153840	2.28	cps
Silver	109-1	13810923	13746899	13450458	13669427	1.41	cps
Silver	107-1	14401013	14184086	13982283	14189127	1.48	cps
Sodium	23-2	51851878	51309945	51496392	51552738	0.53	cps
Strontium	86-1	3403026	3414674	3368388	3395363	0.71	cps
Strontium	88-1	29844866	29814108	29252512	29637162	1.13	cps
Sulfur	34-1	1710665	1701376	1675774	1695938	1.07	cps
Terbium	159-1	22965110	23079627	22966905	23003881	0.29	cps
Terbium	159-2	11310439	11296400	11287682	11298174	0.10	cps
Thallium	203-1	12296358	12359011	12432247	12362539	0.55	cps
Thallium	205-1	29487471	29420288	29333080	29413613	0.26	cps
Thorium	232-1	40884979	40921861	40536577	40781139	0.52	cps
Tin	118-1	9316641	9202647	9155894	9225061	0.90	cps
Titanium	47-1	7401960	7453003	7338622	7397862	0.77	cps
Uranium	238-1	40198952	39710396	39256748	39722032	1.19	cps
Vanadium	51-2	2573471	2552264	2593552	2573096	0.80	cps
Yttrium	89-1	15883049	16064308	15846194	15931184	0.73	cps
Yttrium	89-2	2264415	2286037	2278465	2276305	0.48	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116542BS	Instrumnet Name :	P7
Client Sample ID :	PB116542BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:19:20	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1152501	1151654	1159028	1154394	0.35	cps
Zirconium	90-1	17457215	17464006	17031810	17317677	1.43	cps
Zirconium	91-1	3865804	3845225	3809062	3840031	0.75	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1207-01	Instrumnet Name :	P7
Client Sample ID :	390109098.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:22:58	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	833	658	583	692	18.55	cps
Antimony	121-1	4351	4559	4243	4384	3.67	cps
Arsenic	75-2	381	380	441	401	8.68	cps
Barium	135-1	528353	533773	531732	531286	0.52	cps
Barium	137-1	933105	938079	931955	934380	0.35	cps
Beryllium	9-1	343	297	310	317	7.59	cps
Bismuth	209-1	15058344	14982605	14801102	14947350	0.88	cps
Bismuth	209-2	8257414	8281354	8348623	8295797	0.57	cps
Boron	10-1	90899	94687	91619	92402	2.18	cps
Boron	11-1	429520	434061	428617	430732	0.68	cps
Cadmium	111-1	4863	4747	4829	4813	1.24	cps
Cadmium	106-1	6510	6393	6460	6455	0.91	cps
Cadmium	108-1	104	88	38	76	45.42	cps
Calcium	43-1	2999479	3025459	2994170	3006369	0.56	cps
Calcium	44-1	49103728	49206165	49050015	49119969	0.16	cps
Chromium	52-2	5308	5061	5228	5199	2.42	cps
Cobalt	59-2	580	547	607	578	5.20	cps
Copper	63-2	234940	238455	237788	237061	0.79	cps
Dysprosium	156-1	33	58	25	39	44.62	cps
Dysprosium	156-2	23	23	10	19	40.75	cps
Erbium	164-1	142	133	100	125	17.64	cps
Erbium	164-2	43	63	70	59	23.57	cps
Gadolinium	160-1	167	233	208	203	16.61	cps
Gadolinium	160-2	227	277	290	264	12.63	cps
Holmium	165-1	23082997	22873036	22880235	22945423	0.52	cps
Holmium	165-2	11566171	11574047	11596843	11579020	0.14	cps
Indium	115-1	16230253	16279601	16172991	16227615	0.33	cps
Indium	115-2	2978440	2987605	3023064	2996370	0.79	cps
Iron	56-2	31117	32509	31807	31811	2.19	cps
Iron	57-2	11188	11205	11182	11192	0.10	cps
Krypton	83-1	727	650	707	694	5.73	cps
Lead	206-1	3217	3200	2873	3097	6.27	cps
Lead	207-1	2545	2400	2567	2504	3.61	cps
Lead	208-1	12108	11436	11463	11669	3.26	cps
Lithium	6-1	5210826	5184774	5146966	5180855	0.62	cps
Magnesium	24-2	5409172	5452741	5447973	5436629	0.44	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1207-01	Instrumnet Name :	P7
Client Sample ID :	390109098.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:22:58	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	813	820	843	826	1.91	cps
Molybdenum	94-1	8294	7577	6985	7619	8.60	cps
Molybdenum	95-1	12957	11997	10838	11931	8.89	cps
Molybdenum	96-1	13724	12823	12122	12890	6.23	cps
Molybdenum	97-1	8461	7552	7511	7841	6.85	cps
Molybdenum	98-1	21100	19865	18638	19867	6.20	cps
Neodymium	150-1	87	40	100	76	41.70	cps
Neodymium	150-2	10	10	17	12	31.50	cps
Nickel	60-2	2020	2107	2220	2116	4.74	cps
Phosphorus	31-2	4359	4451	4317	4376	1.56	cps
Potassium	39-2	829715	832241	826566	829508	0.34	cps
Rhodium	103-1	14581572	14408060	14497891	14495841	0.60	cps
Rhodium	103-2	6952279	7024482	6977632	6984798	0.52	cps
Scandium	45-1	10090833	10171422	10182443	10148233	0.49	cps
Scandium	45-2	442458	447137	447362	445652	0.62	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	96	111	106	104	7.17	cps
Selenium	82-1	272	328	240	280	15.82	cps
Silicon	28-1	88414575	89129623	87930471	88491556	0.68	cps
Silver	109-1	1308	1100	1167	1192	8.93	cps
Silver	107-1	1450	1400	1200	1350	9.80	cps
Sodium	23-2	31839956	31764377	32184525	31929619	0.70	cps
Strontium	86-1	2141579	2153687	2157141	2150802	0.38	cps
Strontium	88-1	18770123	18747619	18856533	18791425	0.31	cps
Sulfur	34-1	1640512	1645704	1638832	1641682	0.22	cps
Terbium	159-1	23405652	23490067	23177209	23357643	0.69	cps
Terbium	159-2	11316084	11317877	11283929	11305963	0.17	cps
Thallium	203-1	2450	2100	2109	2220	9.00	cps
Thallium	205-1	5385	5176	5009	5190	3.62	cps
Thorium	232-1	6168	5262	4673	5368	14.03	cps
Tin	118-1	3801	3767	3684	3751	1.60	cps
Titanium	47-1	2525	2367	2459	2450	3.24	cps
Uranium	238-1	83238	84043	81936	83073	1.28	cps
Vanadium	51-2	11254	11571	11832	11552	2.50	cps
Yttrium	89-1	16084832	16104824	16044822	16078159	0.19	cps
Yttrium	89-2	2232566	2246399	2254649	2244538	0.50	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1207-01	Instrumnet Name :	P7
Client Sample ID :	390109098.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:22:58	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	341106	342208	342846	342053	0.26	cps
Zirconium	90-1	2550	2792	2442	2595	6.91	cps
Zirconium	91-1	575	583	450	536	13.93	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1208-01	Instrumnet Name :	P7
Client Sample ID :	390111083.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:26:34	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4101	4834	4643	4526	8.41	cps
Antimony	121-1	17962	17795	18630	18129	2.44	cps
Arsenic	75-2	532	487	474	498	6.05	cps
Barium	135-1	2646499	2684549	2680109	2670386	0.78	cps
Barium	137-1	4697262	4673154	4692126	4687514	0.27	cps
Beryllium	9-1	170	173	220	188	14.89	cps
Bismuth	209-1	14249479	14571667	14353480	14391542	1.14	cps
Bismuth	209-2	7933561	7992174	7925828	7950521	0.46	cps
Boron	10-1	768364	778754	781000	776039	0.87	cps
Boron	11-1	3601438	3707636	3665316	3658130	1.46	cps
Cadmium	111-1	17624	16910	17388	17307	2.10	cps
Cadmium	106-1	8053	7944	8178	8058	1.45	cps
Cadmium	108-1	967	1117	1042	1042	7.20	cps
Calcium	43-1	7173112	7156972	7122325	7150803	0.36	cps
Calcium	44-1	117838261	116879815	116497644	117071907	0.59	cps
Chromium	52-2	9687	9416	9627	9577	1.48	cps
Cobalt	59-2	6722	6962	6778	6821	1.84	cps
Copper	63-2	32202200	32383563	32019605	32201789	0.57	cps
Dysprosium	156-1	225	158	200	194	17.32	cps
Dysprosium	156-2	120	157	117	131	16.93	cps
Erbium	164-1	442	425	358	408	10.80	cps
Erbium	164-2	253	217	190	220	14.45	cps
Gadolinium	160-1	408	250	367	342	24.02	cps
Gadolinium	160-2	393	347	397	379	7.38	cps
Holmium	165-1	22315747	22841989	22473642	22543793	1.20	cps
Holmium	165-2	11278874	11406665	11286685	11324075	0.63	cps
Indium	115-1	15406174	15775043	15614193	15598470	1.19	cps
Indium	115-2	2901351	2933683	2927694	2920909	0.59	cps
Iron	56-2	2872129	2897432	2854242	2874601	0.75	cps
Iron	57-2	96661	96505	96392	96520	0.14	cps
Krypton	83-1	730	677	700	702	3.81	cps
Lead	206-1	8661792	8657815	8670813	8663473	0.08	cps
Lead	207-1	7130236	7115717	7162905	7136286	0.34	cps
Lead	208-1	33070507	33110549	32972101	33051052	0.22	cps
Lithium	6-1	5082622	5160211	5081655	5108163	0.88	cps
Magnesium	24-2	14835529	14873595	14692326	14800483	0.65	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1208-01	Instrumnet Name :	P7
Client Sample ID :	390111083.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:26:34	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20713519	20523374	20310318	20515737	0.98	cps
Molybdenum	94-1	1692	1567	1975	1745	11.99	cps
Molybdenum	95-1	2834	2734	2742	2770	2.00	cps
Molybdenum	96-1	2309	2325	2684	2439	8.69	cps
Molybdenum	97-1	1275	1158	1358	1264	7.95	cps
Molybdenum	98-1	3075	3117	3301	3164	3.78	cps
Neodymium	150-1	393	533	413	447	16.95	cps
Neodymium	150-2	80	77	47	68	27.08	cps
Nickel	60-2	54340	55210	53772	54441	1.33	cps
Phosphorus	31-2	742	942	858	847	11.86	cps
Potassium	39-2	595748	600452	586114	594104	1.23	cps
Rhodium	103-1	13542179	13870118	13811912	13741403	1.27	cps
Rhodium	103-2	6667095	6676459	6658210	6667255	0.14	cps
Scandium	45-1	9809688	9882430	9846863	9846327	0.37	cps
Scandium	45-2	434151	437994	434097	435414	0.51	cps
Selenium	77-2	17	10	10	12	31.50	cps
Selenium	78-2	126	131	128	128	2.20	cps
Selenium	82-1	250	351	352	318	18.35	cps
Silicon	28-1	177953866	178392158	176947550	177764525	0.42	cps
Silver	109-1	9237	9045	8695	8992	3.06	cps
Silver	107-1	9687	9604	10021	9770	2.26	cps
Sodium	23-2	39591876	39781834	39267214	39546975	0.66	cps
Strontium	86-1	4476848	4457600	4453064	4462504	0.28	cps
Strontium	88-1	39196254	38654212	38670120	38840195	0.79	cps
Sulfur	34-1	1352202	1371856	1374196	1366085	0.88	cps
Terbium	159-1	22386547	22719092	22784243	22629961	0.94	cps
Terbium	159-2	11109167	11063883	11027749	11066933	0.37	cps
Thallium	203-1	4092	4042	3851	3995	3.19	cps
Thallium	205-1	9329	8878	9520	9242	3.57	cps
Thorium	232-1	1339	1311	1828	1493	19.48	cps
Tin	118-1	400131	403205	404835	402724	0.59	cps
Titanium	47-1	3667	3784	3551	3667	3.18	cps
Uranium	238-1	145944	147862	148830	147545	1.00	cps
Vanadium	51-2	44387	44577	43648	44204	1.11	cps
Yttrium	89-1	15546285	15741930	15619273	15635829	0.63	cps
Yttrium	89-2	2187343	2211227	2194919	2197829	0.56	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1208-01	Instrumnet Name :	P7
Client Sample ID :	390111083.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:26:34	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2441678	2455939	2454832	2450816	0.32	cps
Zirconium	90-1	1508	1525	1500	1511	0.84	cps
Zirconium	91-1	333	217	425	325	32.13	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01	Instrumnet Name :	P7
Client Sample ID :	390114112	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:30:13	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	542	675	542	586	13.13	cps
Antimony	121-1	2067	2459	2375	2300	8.97	cps
Arsenic	75-2	1119	1050	1156	1108	4.83	cps
Barium	135-1	63671	63378	63798	63616	0.34	cps
Barium	137-1	111378	111999	112049	111808	0.33	cps
Beryllium	9-1	157	140	153	150	5.88	cps
Bismuth	209-1	13734400	14015946	14082207	13944184	1.32	cps
Bismuth	209-2	7738158	7606875	7649172	7664735	0.87	cps
Boron	10-1	22910	21166	20498	21524	5.79	cps
Boron	11-1	103192	97354	91611	97386	5.95	cps
Cadmium	111-1	4609	4474	4588	4557	1.60	cps
Cadmium	106-1	6510	6268	6460	6413	1.99	cps
Cadmium	108-1	63	50	67	60	14.53	cps
Calcium	43-1	92764	92840	94603	93402	1.11	cps
Calcium	44-1	1557074	1559664	1550760	1555833	0.29	cps
Chromium	52-2	3144	2900	3347	3130	7.15	cps
Cobalt	59-2	313	293	287	298	4.66	cps
Copper	63-2	51611	50898	51976	51495	1.06	cps
Dysprosium	156-1	42	17	42	33	43.30	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	100	92	83	92	9.09	cps
Erbium	164-2	40	47	43	43	7.70	cps
Gadolinium	160-1	117	125	125	122	3.94	cps
Gadolinium	160-2	217	173	247	212	17.37	cps
Holmium	165-1	21843743	21959710	21809688	21871047	0.36	cps
Holmium	165-2	11031902	11027756	11071109	11043589	0.22	cps
Indium	115-1	14993584	15277988	15116616	15129396	0.94	cps
Indium	115-2	2797081	2782935	2830265	2803427	0.87	cps
Iron	56-2	1122482	1123343	1139757	1128527	0.86	cps
Iron	57-2	29051	28940	28734	28909	0.56	cps
Krypton	83-1	560	613	657	610	7.94	cps
Lead	206-1	8103	8308	8308	8240	1.44	cps
Lead	207-1	6802	6646	7141	6863	3.69	cps
Lead	208-1	31204	31988	32428	31873	1.94	cps
Lithium	6-1	4821968	4887951	4894032	4867984	0.82	cps
Magnesium	24-2	433470	434553	432167	433397	0.28	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1209-01 Instrumnet Name : P7
 Client Sample ID : 390114112 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:30:13 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2700	2557	2400	2552	5.88	cps
Molybdenum	94-1	3359	3426	3142	3309	4.48	cps
Molybdenum	95-1	5059	4809	4718	4862	3.64	cps
Molybdenum	96-1	5443	5468	5593	5501	1.46	cps
Molybdenum	97-1	3267	3159	3317	3248	2.49	cps
Molybdenum	98-1	7903	7694	8203	7933	3.22	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	483	580	640	568	13.92	cps
Phosphorus	31-2	683	558	600	614	10.37	cps
Potassium	39-2	49333	48003	50863	49400	2.90	cps
Rhodium	103-1	13208692	13457119	13495930	13387247	1.16	cps
Rhodium	103-2	6590388	6517679	6543808	6550625	0.56	cps
Scandium	45-1	9256112	9346266	9438873	9347084	0.98	cps
Scandium	45-2	411977	413235	417643	414285	0.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	115	87	89	97	16.03	cps
Selenium	82-1	207	198	140	181	20.08	cps
Silicon	28-1	94119931	93439610	92699406	93419649	0.76	cps
Silver	109-1	300	342	525	389	30.78	cps
Silver	107-1	342	417	492	417	18.00	cps
Sodium	23-2	127390074	125885865	126920686	126732208	0.61	cps
Strontium	86-1	72869	73296	72315	72827	0.68	cps
Strontium	88-1	628210	632030	623468	627902	0.68	cps
Sulfur	34-1	1022428	1015043	1015955	1017809	0.40	cps
Terbium	159-1	21812418	22174823	22101724	22029655	0.87	cps
Terbium	159-2	10856316	10700452	10757517	10771428	0.73	cps
Thallium	203-1	983	917	1100	1000	9.28	cps
Thallium	205-1	2025	2000	2192	2072	5.03	cps
Thorium	232-1	561	728	794	694	17.31	cps
Tin	118-1	1367	1325	1433	1375	3.97	cps
Titanium	47-1	1775	1950	1942	1889	5.23	cps
Uranium	238-1	261645	261247	263247	262046	0.40	cps
Vanadium	51-2	803	770	860	811	5.61	cps
Yttrium	89-1	14781457	15122941	15047287	14983895	1.20	cps
Yttrium	89-2	2105630	2091366	2104772	2100590	0.38	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01	Instrumnet Name :	P7
Client Sample ID :	390114112	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:30:13	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4818	4924	4704	4815	2.29	cps
Zirconium	90-1	1325	1467	1258	1350	7.88	cps
Zirconium	91-1	317	233	217	256	20.96	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01DUP	Instrumnet Name :	P7
Client Sample ID :	390114112DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:33:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	750	483	650	628	21.46	cps
Antimony	121-1	2067	1950	1992	2003	2.95	cps
Arsenic	75-2	1161	1128	1161	1150	1.67	cps
Barium	135-1	63890	64325	63504	63906	0.64	cps
Barium	137-1	112822	111680	110396	111633	1.09	cps
Beryllium	9-1	127	147	127	133	8.66	cps
Bismuth	209-1	14054964	13954181	13951808	13986984	0.42	cps
Bismuth	209-2	7743493	7750500	7769080	7754358	0.17	cps
Boron	10-1	13657	14391	13114	13721	4.67	cps
Boron	11-1	62630	62421	60597	61883	1.81	cps
Cadmium	111-1	4720	4344	4239	4435	5.71	cps
Cadmium	106-1	6719	6160	6010	6296	5.93	cps
Cadmium	108-1	58	38	79	58	35.72	cps
Calcium	43-1	94268	93361	92983	93537	0.71	cps
Calcium	44-1	1561808	1560243	1574954	1565668	0.52	cps
Chromium	52-2	3060	3000	2950	3004	1.83	cps
Cobalt	59-2	290	300	297	296	1.72	cps
Copper	63-2	52745	53033	52641	52806	0.38	cps
Dysprosium	156-1	58	17	0	25	120.18	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	83	100	133	106	24.12	cps
Erbium	164-2	40	43	37	40	8.32	cps
Gadolinium	160-1	125	175	108	136	25.49	cps
Gadolinium	160-2	193	177	247	206	17.79	cps
Holmium	165-1	22153307	22169785	22157926	22160339	0.04	cps
Holmium	165-2	11093318	11252322	11200515	11182052	0.73	cps
Indium	115-1	15350572	15402779	15347032	15366794	0.20	cps
Indium	115-2	2795067	2848263	2845938	2829756	1.06	cps
Iron	56-2	1151532	1147902	1160136	1153190	0.54	cps
Iron	57-2	29170	28673	28589	28811	1.09	cps
Krypton	83-1	700	713	740	718	2.84	cps
Lead	206-1	7791	7486	7869	7715	2.63	cps
Lead	207-1	6274	6363	6819	6485	4.51	cps
Lead	208-1	30220	28858	30820	29966	3.36	cps
Lithium	6-1	4939988	4919033	4944221	4934414	0.27	cps
Magnesium	24-2	436827	440951	444865	440881	0.91	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01DUP	Instrumnet Name :	P7
Client Sample ID :	390114112DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:33:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2354	2264	2204	2274	3.32	cps
Molybdenum	94-1	3701	3459	3259	3473	6.37	cps
Molybdenum	95-1	4809	4976	4668	4818	3.20	cps
Molybdenum	96-1	5126	5059	5268	5151	2.07	cps
Molybdenum	97-1	3226	3092	3259	3192	2.76	cps
Molybdenum	98-1	7986	8219	7828	8011	2.46	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	513	533	453	500	8.33	cps
Phosphorus	31-2	667	667	775	703	8.90	cps
Potassium	39-2	48831	50060	49910	49600	1.35	cps
Rhodium	103-1	13655683	13575779	13612566	13614676	0.29	cps
Rhodium	103-2	6580357	6610017	6601957	6597444	0.23	cps
Scandium	45-1	9583580	9473611	9454275	9503822	0.73	cps
Scandium	45-2	418107	426160	425251	423173	1.04	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	122	100	96	106	13.20	cps
Selenium	82-1	27	67	58	51	41.13	cps
Silicon	28-1	95791842	94906908	94915731	95204827	0.53	cps
Silver	109-1	308	217	258	261	17.58	cps
Silver	107-1	325	408	475	403	18.66	cps
Sodium	23-2	127695078	129042753	128900165	128545999	0.58	cps
Strontium	86-1	73589	73019	71897	72835	1.18	cps
Strontium	88-1	633125	631107	626861	630364	0.51	cps
Sulfur	34-1	1027323	1019917	1027508	1024916	0.42	cps
Terbium	159-1	22544046	22326986	22309501	22393511	0.58	cps
Terbium	159-2	10862251	10925307	10934316	10907291	0.36	cps
Thallium	203-1	767	708	850	775	9.19	cps
Thallium	205-1	1909	1950	1859	1906	2.41	cps
Thorium	232-1	589	489	422	500	16.78	cps
Tin	118-1	1300	1475	1400	1392	6.31	cps
Titanium	47-1	1859	2000	1759	1872	6.49	cps
Uranium	238-1	264882	258367	261089	261446	1.25	cps
Vanadium	51-2	870	830	763	821	6.56	cps
Yttrium	89-1	15269660	15292545	15191975	15251393	0.35	cps
Yttrium	89-2	2118842	2153867	2135277	2135995	0.82	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01DUP	Instrumnet Name :	P7
Client Sample ID :	390114112DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:33:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4721	4604	4938	4754	3.56	cps
Zirconium	90-1	1208	1325	1142	1225	7.58	cps
Zirconium	91-1	217	317	300	278	19.29	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01LX5	Instrumnet Name :	P7
Client Sample ID :	390114112L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-22 13:37:31	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	217	200	203	6.28	cps
Antimony	121-1	600	692	775	689	12.71	cps
Arsenic	75-2	215	231	207	218	5.66	cps
Barium	135-1	12748	12690	13215	12884	2.24	cps
Barium	137-1	22970	22586	23020	22859	1.04	cps
Beryllium	9-1	137	157	93	129	25.12	cps
Bismuth	209-1	14810808	14853182	14801940	14821977	0.18	cps
Bismuth	209-2	8235390	8113198	8196693	8181761	0.76	cps
Boron	10-1	6810	6343	7194	6782	6.28	cps
Boron	11-1	31525	32394	30265	31395	3.41	cps
Cadmium	111-1	4723	4068	4649	4480	8.00	cps
Cadmium	106-1	6677	5743	6544	6321	7.99	cps
Cadmium	108-1	25	21	33	26	24.12	cps
Calcium	43-1	19873	19839	19196	19636	1.94	cps
Calcium	44-1	327499	326611	326295	326802	0.19	cps
Chromium	52-2	2067	1877	2117	2020	6.27	cps
Cobalt	59-2	127	70	137	111	32.36	cps
Copper	63-2	12472	12516	12606	12531	0.54	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	13	0	20	11	91.66	cps
Erbium	164-1	58	100	58	72	33.31	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	100	117	150	122	20.83	cps
Gadolinium	160-2	223	170	210	201	13.80	cps
Holmium	165-1	22410619	22240028	22351901	22334182	0.39	cps
Holmium	165-2	11320092	11241841	11237332	11266421	0.41	cps
Indium	115-1	15854104	15692453	15728277	15758278	0.54	cps
Indium	115-2	2891761	2916854	2947946	2918854	0.96	cps
Iron	56-2	238269	239245	243104	240206	1.06	cps
Iron	57-2	5979	5851	6140	5990	2.42	cps
Krypton	83-1	707	677	670	684	2.85	cps
Lead	206-1	2695	2789	2500	2661	5.54	cps
Lead	207-1	2384	2317	2222	2308	3.51	cps
Lead	208-1	10863	10802	10035	10567	4.37	cps
Lithium	6-1	5051903	5054864	5026511	5044426	0.31	cps
Magnesium	24-2	91018	89191	88797	89668	1.32	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01LX5	Instrumnet Name :	P7
Client Sample ID :	390114112L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-22 13:37:31	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	540	543	567	550	2.64	cps
Molybdenum	94-1	958	892	858	903	5.64	cps
Molybdenum	95-1	1142	1300	1275	1239	6.87	cps
Molybdenum	96-1	1250	1492	1200	1314	11.87	cps
Molybdenum	97-1	792	858	708	786	9.56	cps
Molybdenum	98-1	1967	2100	1925	1997	4.58	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	173	170	213	186	13.00	cps
Phosphorus	31-2	283	383	392	353	17.09	cps
Potassium	39-2	28937	29464	27017	28473	4.52	cps
Rhodium	103-1	14274136	14181802	14356104	14270681	0.61	cps
Rhodium	103-2	6932558	6917525	6932756	6927613	0.13	cps
Scandium	45-1	9655108	9679099	9628771	9654326	0.26	cps
Scandium	45-2	425100	425007	431558	427222	0.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	78	89	86	8.92	cps
Selenium	82-1	7	60	55	41	72.24	cps
Silicon	28-1	19558514	19588440	19488492	19545148	0.26	cps
Silver	109-1	258	267	208	244	12.91	cps
Silver	107-1	325	333	408	356	12.91	cps
Sodium	23-2	26007287	25895784	25859441	25920837	0.30	cps
Strontium	86-1	16260	15993	15534	15929	2.30	cps
Strontium	88-1	131245	129295	130128	130223	0.75	cps
Sulfur	34-1	556529	554341	550561	553810	0.55	cps
Terbium	159-1	22609421	22434769	22539642	22527944	0.39	cps
Terbium	159-2	11093090	10997719	10970095	11020301	0.59	cps
Thallium	203-1	892	717	733	781	12.37	cps
Thallium	205-1	2017	1884	1759	1886	6.85	cps
Thorium	232-1	389	439	389	406	7.12	cps
Tin	118-1	1233	1233	1117	1195	5.64	cps
Titanium	47-1	783	583	567	644	18.71	cps
Uranium	238-1	52550	52401	53622	52858	1.26	cps
Vanadium	51-2	133	167	203	168	20.87	cps
Yttrium	89-1	15605750	15541251	15585970	15577657	0.21	cps
Yttrium	89-2	2167501	2154616	2170433	2164184	0.39	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01LX5	Instrumnet Name :	P7
Client Sample ID :	390114112L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-22 13:37:31	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1423	1387	1233	1348	7.48	cps
Zirconium	90-1	1175	950	1058	1061	10.60	cps
Zirconium	91-1	217	158	225	200	18.16	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1209-01MS Instrumnet Name : P7
 Client Sample ID : 390114112MS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:41:08 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	446197	449707	448260	448055	0.39	cps
Antimony	121-1	15407034	15395230	15281173	15361145	0.45	cps
Arsenic	75-2	513277	516773	516217	515422	0.36	cps
Barium	135-1	1107882	1110170	1117997	1112017	0.48	cps
Barium	137-1	1928473	1968216	1957521	1951403	1.05	cps
Beryllium	9-1	1029497	1041777	1033649	1034975	0.60	cps
Bismuth	209-1	14281817	14010549	13880744	14057703	1.46	cps
Bismuth	209-2	7756237	7803257	7834234	7797909	0.50	cps
Boron	10-1	334001	342596	342082	339560	1.42	cps
Boron	11-1	1543178	1574548	1581700	1566475	1.31	cps
Cadmium	111-1	1153858	1160699	1160750	1158436	0.34	cps
Cadmium	106-1	107010	110370	108873	108751	1.55	cps
Cadmium	108-1	77762	77263	77549	77525	0.32	cps
Calcium	43-1	169198	171713	166798	169236	1.45	cps
Calcium	44-1	2663354	2695607	2681822	2680261	0.60	cps
Chromium	52-2	2449446	2446572	2448853	2448290	0.06	cps
Cobalt	59-2	2075041	2082820	2075254	2077705	0.21	cps
Copper	63-2	2277163	2265520	2286404	2276362	0.46	cps
Dysprosium	156-1	1239340	1269683	1253714	1254246	1.21	cps
Dysprosium	156-2	283902	283388	286890	284727	0.66	cps
Erbium	164-1	217	192	217	208	6.93	cps
Erbium	164-2	97	120	80	99	20.32	cps
Gadolinium	160-1	533	408	600	514	18.93	cps
Gadolinium	160-2	350	450	363	388	14.00	cps
Holmium	165-1	22645749	22497516	22141669	22428311	1.16	cps
Holmium	165-2	11173008	11257746	11199669	11210141	0.39	cps
Indium	115-1	15300920	15048713	14897084	15082239	1.35	cps
Indium	115-2	2813055	2821915	2856315	2830429	0.81	cps
Iron	56-2	17745306	17894761	17721430	17787165	0.53	cps
Iron	57-2	428403	431383	430823	430203	0.37	cps
Krypton	83-1	643	677	687	669	3.39	cps
Lead	206-1	19895405	19966865	20057182	19973151	0.41	cps
Lead	207-1	17175992	17511007	17298899	17328633	0.98	cps
Lead	208-1	78282817	78902380	77962532	78382576	0.61	cps
Lithium	6-1	5011104	4914569	4916060	4947244	1.12	cps
Magnesium	24-2	1506320	1512269	1508415	1509001	0.20	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01MS	Instrumnet Name :	P7
Client Sample ID :	390114112MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:41:08	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	756160	760037	761792	759330	0.38	cps
Molybdenum	94-1	2251221	2296928	2281091	2276413	1.02	cps
Molybdenum	95-1	3965751	4033840	4070080	4023223	1.32	cps
Molybdenum	96-1	4216643	4286197	4273250	4258697	0.87	cps
Molybdenum	97-1	2481688	2514125	2499975	2498596	0.65	cps
Molybdenum	98-1	6438391	6423447	6352669	6404836	0.71	cps
Neodymium	150-1	167	213	207	196	12.91	cps
Neodymium	150-2	23	33	23	27	21.65	cps
Nickel	60-2	1355490	1357328	1349918	1354245	0.28	cps
Phosphorus	31-2	73239	73431	73247	73305	0.15	cps
Potassium	39-2	4523260	4582108	4573740	4559703	0.70	cps
Rhodium	103-1	13783135	13700535	13418278	13633983	1.40	cps
Rhodium	103-2	6617508	6644782	6610021	6624104	0.28	cps
Scandium	45-1	9697594	9562937	9378486	9546339	1.68	cps
Scandium	45-2	425349	425723	429197	426756	0.50	cps
Selenium	77-2	39417	39578	39892	39629	0.61	cps
Selenium	78-2	132035	133336	131932	132434	0.59	cps
Selenium	82-1	887864	889199	891407	889490	0.20	cps
Silicon	28-1	108796944	109700477	107770219	108755880	0.89	cps
Silver	109-1	1918813	1970384	1958447	1949215	1.38	cps
Silver	107-1	1991460	2027613	2005916	2008330	0.91	cps
Sodium	23-2	129062599	128810861	129491253	129121571	0.27	cps
Strontium	86-1	1363085	1365582	1382480	1370382	0.77	cps
Strontium	88-1	12026833	11990208	11946184	11987742	0.34	cps
Sulfur	34-1	1011765	1021278	1013955	1015666	0.49	cps
Terbium	159-1	22827570	22507593	22392147	22575770	1.00	cps
Terbium	159-2	11024377	10997029	10957441	10992949	0.31	cps
Thallium	203-1	49214858	49052033	48997823	49088238	0.23	cps
Thallium	205-1	117164823	117880494	117113469	117386262	0.37	cps
Thorium	232-1	1934	1784	1717	1811	6.13	cps
Tin	118-1	12412385	12449786	12379310	12413827	0.28	cps
Titanium	47-1	578676	586336	589062	584691	0.92	cps
Uranium	238-1	265750	265132	264403	265095	0.25	cps
Vanadium	51-2	1465031	1476370	1473869	1471756	0.40	cps
Yttrium	89-1	15536879	15356324	15267899	15387034	0.89	cps
Yttrium	89-2	2141588	2174871	2176987	2164482	0.92	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01MS	Instrumnet Name :	P7
Client Sample ID :	390114112MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:41:08	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	231206	231015	231472	231231	0.10	cps
Zirconium	90-1	6235	5977	5335	5849	7.93	cps
Zirconium	91-1	4142	4134	3792	4023	4.97	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01MSD	Instrumnet Name :	P7
Client Sample ID :	390114112MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:44:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	451801	458607	453119	454509	0.79	cps
Antimony	121-1	15406941	15528726	15526655	15487441	0.45	cps
Arsenic	75-2	519768	526431	526194	524131	0.72	cps
Barium	135-1	1110544	1116405	1109547	1112165	0.33	cps
Barium	137-1	1953596	1983384	1960646	1965876	0.79	cps
Beryllium	9-1	1046001	1045580	1039094	1043558	0.37	cps
Bismuth	209-1	14033789	13881774	14059937	13991833	0.69	cps
Bismuth	209-2	7645001	7718754	7679094	7680950	0.48	cps
Boron	10-1	344055	349156	353540	348917	1.36	cps
Boron	11-1	1568678	1616064	1606082	1596941	1.56	cps
Cadmium	111-1	1170166	1170350	1184493	1175003	0.70	cps
Cadmium	106-1	110100	108615	110663	109793	0.96	cps
Cadmium	108-1	77381	78177	79765	78441	1.55	cps
Calcium	43-1	170574	170565	170195	170445	0.13	cps
Calcium	44-1	2693003	2718288	2711300	2707530	0.48	cps
Chromium	52-2	2510780	2526613	2504105	2513833	0.46	cps
Cobalt	59-2	2116729	2118699	2113995	2116474	0.11	cps
Copper	63-2	2297154	2310430	2320184	2309256	0.50	cps
Dysprosium	156-1	1256512	1244862	1265382	1255585	0.82	cps
Dysprosium	156-2	287484	288670	291079	289078	0.63	cps
Erbium	164-1	225	150	225	200	21.65	cps
Erbium	164-2	110	90	167	122	32.54	cps
Gadolinium	160-1	458	525	525	503	7.66	cps
Gadolinium	160-2	400	280	347	342	17.57	cps
Holmium	165-1	22169644	22086439	22112011	22122698	0.19	cps
Holmium	165-2	11143366	11195427	11143932	11160908	0.27	cps
Indium	115-1	14951917	14854146	14958008	14921357	0.39	cps
Indium	115-2	2797128	2811903	2811764	2806932	0.30	cps
Iron	56-2	18071148	18164836	17978733	18071572	0.51	cps
Iron	57-2	439331	440799	435547	438559	0.62	cps
Krypton	83-1	783	730	747	753	3.62	cps
Lead	206-1	19888068	19986782	19994402	19956417	0.30	cps
Lead	207-1	17267363	17314725	17359319	17313802	0.27	cps
Lead	208-1	78456968	78718363	78859737	78678356	0.26	cps
Lithium	6-1	4916407	4910604	4927562	4918191	0.18	cps
Magnesium	24-2	1528476	1543953	1533062	1535164	0.52	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01MSD	Instrumnet Name :	P7
Client Sample ID :	390114112MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:44:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	772371	780840	772339	775183	0.63	cps
Molybdenum	94-1	2280425	2318088	2312681	2303731	0.88	cps
Molybdenum	95-1	4038178	4061850	4051414	4050480	0.29	cps
Molybdenum	96-1	4312128	4344672	4329392	4328731	0.38	cps
Molybdenum	97-1	2516937	2518636	2541416	2525663	0.54	cps
Molybdenum	98-1	6527867	6475667	6453701	6485745	0.59	cps
Neodymium	150-1	180	180	160	173	6.66	cps
Neodymium	150-2	30	33	27	30	11.10	cps
Nickel	60-2	1375324	1378957	1374675	1376319	0.17	cps
Phosphorus	31-2	74612	75752	74721	75028	0.84	cps
Potassium	39-2	4651668	4675645	4609606	4645639	0.72	cps
Rhodium	103-1	13736422	13478678	13503860	13572987	1.05	cps
Rhodium	103-2	6565774	6595312	6614463	6591849	0.37	cps
Scandium	45-1	9473195	9490597	9402916	9455569	0.49	cps
Scandium	45-2	424689	431590	421762	426014	1.18	cps
Selenium	77-2	40416	40791	40139	40449	0.81	cps
Selenium	78-2	133122	135477	134653	134417	0.89	cps
Selenium	82-1	897974	901627	898469	899357	0.22	cps
Silicon	28-1	107682073	108392265	108719344	108264561	0.49	cps
Silver	109-1	1916304	1916357	1929354	1920672	0.39	cps
Silver	107-1	1978326	1970992	1996250	1981856	0.66	cps
Sodium	23-2	130888074	130858920	130281549	130676181	0.26	cps
Strontium	86-1	1389183	1400806	1388014	1392668	0.51	cps
Strontium	88-1	12137448	12087098	12091959	12105502	0.23	cps
Sulfur	34-1	1010629	1008693	1013697	1011006	0.25	cps
Terbium	159-1	22310454	22418016	22430862	22386444	0.30	cps
Terbium	159-2	10841460	10928692	11025021	10931724	0.84	cps
Thallium	203-1	49452595	48803412	49375878	49210628	0.72	cps
Thallium	205-1	117675369	116451607	117384594	117170523	0.55	cps
Thorium	232-1	1539	1339	1372	1417	7.56	cps
Tin	118-1	12575886	12641857	12555904	12591216	0.36	cps
Titanium	47-1	590014	599962	597523	595833	0.87	cps
Uranium	238-1	261819	267241	267112	265391	1.17	cps
Vanadium	51-2	1506061	1515212	1507614	1509629	0.32	cps
Yttrium	89-1	15337092	15364987	15342788	15348289	0.10	cps
Yttrium	89-2	2159259	2171993	2182188	2171147	0.53	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01MSD	Instrumnet Name :	P7
Client Sample ID :	390114112MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:44:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	236118	238190	237189	237166	0.44	cps
Zirconium	90-1	6377	6535	6727	6546	2.68	cps
Zirconium	91-1	4059	4234	3926	4073	3.80	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P7
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:49:14	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12746266	13033611	12944920	12908266	1.14	cps
Antimony	121-1	8819607	8804731	8851396	8825245	0.27	cps
Arsenic	75-2	304791	310637	310050	308493	1.04	cps
Barium	135-1	12378440	12446308	12493872	12439540	0.47	cps
Barium	137-1	21829583	21740642	21902045	21824090	0.37	cps
Beryllium	9-1	2439276	2459075	2451608	2449986	0.41	cps
Bismuth	209-1	12378268	12376301	12442782	12399117	0.31	cps
Bismuth	209-2	6828753	6840827	6847092	6838891	0.14	cps
Boron	10-1	515166	525800	528316	523094	1.33	cps
Boron	11-1	2372608	2402536	2429910	2401685	1.19	cps
Cadmium	111-1	2565015	2610770	2600582	2592122	0.93	cps
Cadmium	106-1	291901	301018	298741	297220	1.60	cps
Cadmium	108-1	199930	199596	201848	200458	0.61	cps
Calcium	43-1	15194829	15290312	15450533	15311891	0.84	cps
Calcium	44-1	251513331	251813606	250971514	251432817	0.17	cps
Chromium	52-2	3144055	3200333	3189282	3177890	0.94	cps
Cobalt	59-2	5005631	5051229	5064708	5040523	0.61	cps
Copper	63-2	6759920	6792726	6794267	6782304	0.29	cps
Dysprosium	156-1	342	350	375	356	4.88	cps
Dysprosium	156-2	200	230	243	224	9.89	cps
Erbium	164-1	125	92	133	117	18.90	cps
Erbium	164-2	83	87	57	76	21.76	cps
Gadolinium	160-1	242	208	275	242	13.79	cps
Gadolinium	160-2	263	277	277	272	2.83	cps
Holmium	165-1	21734206	21939825	21921930	21865320	0.52	cps
Holmium	165-2	10970204	11039855	10933093	10981051	0.49	cps
Indium	115-1	14435219	14559066	14448983	14481089	0.47	cps
Indium	115-2	2765679	2797530	2776403	2779871	0.58	cps
Iron	56-2	671955682	677013215	676485193	675151363	0.41	cps
Iron	57-2	16706430	16815911	16764552	16762298	0.33	cps
Krypton	83-1	640	727	780	716	9.88	cps
Lead	206-1	9012944	8972898	8963059	8982967	0.29	cps
Lead	207-1	8012539	8014346	7993836	8006907	0.14	cps
Lead	208-1	35773200	35676589	35543659	35664483	0.32	cps
Lithium	6-1	4798643	4788238	4779513	4788798	0.20	cps
Magnesium	24-2	135929266	136629370	136027411	136195349	0.28	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P7
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:49:14	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3801013	3892327	3866297	3853213	1.22	cps
Molybdenum	94-1	19899805	19927668	20036654	19954709	0.36	cps
Molybdenum	95-1	24417206	24488070	24752528	24552602	0.72	cps
Molybdenum	96-1	26865670	27213140	27244869	27107893	0.78	cps
Molybdenum	97-1	15222687	15302806	15381795	15302429	0.52	cps
Molybdenum	98-1	39487528	39466121	39644734	39532794	0.25	cps
Neodymium	150-1	1207	1167	1333	1236	7.04	cps
Neodymium	150-2	170	200	207	192	10.16	cps
Nickel	60-2	1278745	1291724	1290805	1287091	0.56	cps
Phosphorus	31-2	127298	127952	127534	127595	0.26	cps
Potassium	39-2	58204453	58591974	58249858	58348762	0.36	cps
Rhodium	103-1	12358685	12587917	12486571	12477724	0.92	cps
Rhodium	103-2	5943074	6020184	6076035	6013098	1.11	cps
Scandium	45-1	9443308	9546723	9534490	9508174	0.59	cps
Scandium	45-2	439915	439084	440454	439817	0.16	cps
Selenium	77-2	8990	8809	9417	9072	3.44	cps
Selenium	78-2	30237	31193	30771	30734	1.56	cps
Selenium	82-1	197662	198755	199791	198736	0.54	cps
Silicon	28-1	8090184	8343165	8519913	8317754	2.60	cps
Silver	109-1	11814534	11887146	11883105	11861595	0.34	cps
Silver	107-1	12418260	12410596	12336966	12388607	0.36	cps
Sodium	23-2	254191981	253147806	253514264	253618017	0.21	cps
Strontium	86-1	3213124	3256518	3272227	3247290	0.94	cps
Strontium	88-1	28032698	28390855	28603812	28342455	1.02	cps
Sulfur	34-1	1640536	1642877	1662111	1648508	0.72	cps
Terbium	159-1	22100238	22072544	21945650	22039477	0.37	cps
Terbium	159-2	10696492	10730022	10685738	10704084	0.22	cps
Thallium	203-1	11236465	11234574	11241814	11237618	0.03	cps
Thallium	205-1	26767305	26847649	26967558	26860837	0.38	cps
Thorium	232-1	38870677	38930361	38768249	38856429	0.21	cps
Tin	118-1	8572465	8529513	8552233	8551404	0.25	cps
Titanium	47-1	7163084	7218444	7189115	7190214	0.39	cps
Uranium	238-1	37393511	37758268	37621689	37591156	0.49	cps
Vanadium	51-2	2514016	2554851	2546934	2538601	0.85	cps
Yttrium	89-1	15020303	15091068	15147388	15086253	0.42	cps
Yttrium	89-2	2173351	2192580	2183747	2183226	0.44	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P7
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:49:14	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1083421	1101757	1095986	1093722	0.86	cps
Zirconium	90-1	16615879	16697577	16822569	16712008	0.62	cps
Zirconium	91-1	3656477	3666686	3727228	3683463	1.04	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : CCB80 Instrumnet Name : P7
 Client Sample ID : CCB80 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:53:58 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	225	158	197	17.59	cps
Antimony	121-1	3059	3125	2709	2964	7.55	cps
Arsenic	75-2	30	31	13	25	41.31	cps
Barium	135-1	192	217	158	189	15.49	cps
Barium	137-1	292	242	375	303	22.25	cps
Beryllium	9-1	297	263	227	262	13.35	cps
Bismuth	209-1	14992363	15081682	15302305	15125450	1.05	cps
Bismuth	209-2	8406783	8466853	8397469	8423702	0.45	cps
Boron	10-1	11780	11413	10571	11255	5.51	cps
Boron	11-1	55202	51497	49958	52219	5.16	cps
Cadmium	111-1	4685	4770	4762	4739	0.99	cps
Cadmium	106-1	6460	6577	6535	6524	0.91	cps
Cadmium	108-1	29	25	42	32	27.15	cps
Calcium	43-1	308	275	342	308	10.81	cps
Calcium	44-1	14750	14858	14208	14605	2.39	cps
Chromium	52-2	1867	1967	1937	1923	2.67	cps
Cobalt	59-2	120	107	107	111	6.93	cps
Copper	63-2	2330	2444	2480	2418	3.23	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	33	92	100	75	48.44	cps
Erbium	164-2	33	23	30	29	17.63	cps
Gadolinium	160-1	100	200	133	144	35.25	cps
Gadolinium	160-2	270	277	233	260	8.98	cps
Holmium	165-1	22456751	22338631	23206159	22667180	2.08	cps
Holmium	165-2	11440149	11511029	11459612	11470263	0.32	cps
Indium	115-1	16140729	16052108	16545243	16246027	1.62	cps
Indium	115-2	2988731	3002625	3048690	3013349	1.04	cps
Iron	56-2	15498	16081	15564	15714	2.03	cps
Iron	57-2	333	489	333	385	23.32	cps
Krypton	83-1	657	717	673	682	4.54	cps
Lead	206-1	2139	2084	2084	2102	1.53	cps
Lead	207-1	1828	1817	1967	1871	4.47	cps
Lead	208-1	8435	8457	8390	8427	0.40	cps
Lithium	6-1	5103285	5132281	5219331	5151633	1.17	cps
Magnesium	24-2	1692	1725	1809	1742	3.45	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : CCB80 Instrumnet Name : P7
 Client Sample ID : CCB80 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:53:58 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	107	117	108	7.78	cps
Molybdenum	94-1	2134	1800	1842	1925	9.44	cps
Molybdenum	95-1	3059	2767	2559	2795	8.99	cps
Molybdenum	96-1	3209	2834	2534	2859	11.83	cps
Molybdenum	97-1	1992	1634	1383	1670	18.32	cps
Molybdenum	98-1	4826	3976	3926	4242	11.93	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	160	160	177	166	5.81	cps
Phosphorus	31-2	342	333	308	328	5.29	cps
Potassium	39-2	28829	27769	27994	28197	1.98	cps
Rhodium	103-1	14812622	14705309	15057571	14858501	1.22	cps
Rhodium	103-2	7183518	7221532	7200186	7201745	0.26	cps
Scandium	45-1	9984858	9916923	10188296	10030026	1.41	cps
Scandium	45-2	446221	442661	449285	446056	0.74	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	120	87	104	104	16.07	cps
Selenium	82-1	105	40	91	79	43.39	cps
Silicon	28-1	361073	354276	355887	357079	0.99	cps
Silver	109-1	592	617	650	619	4.72	cps
Silver	107-1	817	758	658	745	10.76	cps
Sodium	23-2	47936	46489	47468	47298	1.56	cps
Strontium	86-1	1217	1333	1067	1206	11.09	cps
Strontium	88-1	725	533	675	644	15.43	cps
Sulfur	34-1	480303	481539	477182	479675	0.47	cps
Terbium	159-1	22741296	22664288	23344294	22916626	1.62	cps
Terbium	159-2	11280838	11223688	11349352	11284626	0.56	cps
Thallium	203-1	4134	3892	3726	3917	5.24	cps
Thallium	205-1	9154	9529	9045	9243	2.75	cps
Thorium	232-1	3162	2973	2723	2952	7.46	cps
Tin	118-1	3159	3242	2734	3045	8.96	cps
Titanium	47-1	350	300	258	303	15.16	cps
Uranium	238-1	625	433	608	556	19.11	cps
Vanadium	51-2	40	30	37	36	14.32	cps
Yttrium	89-1	15953461	15784656	16336309	16024809	1.76	cps
Yttrium	89-2	2231827	2239364	2244976	2238722	0.29	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P7
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:53:58	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	310	383	377	357	11.37	cps
Zirconium	90-1	1517	1492	1333	1447	6.87	cps
Zirconium	91-1	250	333	442	342	28.13	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : PB116501BL Instrumnet Name : P7
 Client Sample ID : PB116501BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 13:57:33 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	75	100	89	14.32	cps
Antimony	121-1	1292	1308	1158	1253	6.56	cps
Arsenic	75-2	13	17	22	17	26.96	cps
Barium	135-1	67	100	75	81	21.54	cps
Barium	137-1	158	133	83	125	30.55	cps
Beryllium	9-1	143	177	190	170	14.14	cps
Bismuth	209-1	14843234	14993951	14837699	14891628	0.60	cps
Bismuth	209-2	8337988	8183484	8311466	8277646	1.00	cps
Boron	10-1	7327	6844	6760	6977	4.39	cps
Boron	11-1	32352	31576	31033	31654	2.10	cps
Cadmium	111-1	4941	4573	4525	4680	4.87	cps
Cadmium	106-1	6885	6402	6327	6538	4.64	cps
Cadmium	108-1	17	42	17	25	57.73	cps
Calcium	43-1	217	208	183	203	8.56	cps
Calcium	44-1	12273	12673	12139	12361	2.25	cps
Chromium	52-2	1900	1947	1930	1926	1.23	cps
Cobalt	59-2	63	53	67	61	11.36	cps
Copper	63-2	2230	2194	2267	2230	1.64	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	83	67	42	64	32.83	cps
Erbium	164-2	30	33	40	34	14.78	cps
Gadolinium	160-1	108	175	125	136	25.49	cps
Gadolinium	160-2	210	277	250	246	13.66	cps
Holmium	165-1	22251768	22780677	22354177	22462207	1.25	cps
Holmium	165-2	11318621	11143293	11342378	11268097	0.96	cps
Indium	115-1	16054048	16238335	16129322	16140568	0.57	cps
Indium	115-2	2984102	2924533	3034148	2980928	1.84	cps
Iron	56-2	9342	9142	8986	9157	1.95	cps
Iron	57-2	217	217	200	211	4.56	cps
Krypton	83-1	743	753	743	747	0.77	cps
Lead	206-1	1822	1872	1978	1891	4.20	cps
Lead	207-1	1539	1678	1533	1583	5.17	cps
Lead	208-1	6990	7190	6995	7058	1.61	cps
Lithium	6-1	5128797	5206205	5150824	5161942	0.77	cps
Magnesium	24-2	633	600	683	639	6.57	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116501BL	Instrumnet Name :	P7
Client Sample ID :	PB116501BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:57:33	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	123	97	93	104	15.74	cps
Molybdenum	94-1	1050	883	833	922	12.30	cps
Molybdenum	95-1	908	825	800	845	6.72	cps
Molybdenum	96-1	1017	900	950	956	6.13	cps
Molybdenum	97-1	500	450	458	469	5.71	cps
Molybdenum	98-1	1417	1258	1258	1311	6.97	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	160	120	120	133	17.32	cps
Phosphorus	31-2	358	442	400	400	10.42	cps
Potassium	39-2	26425	25256	25932	25871	2.27	cps
Rhodium	103-1	14657873	14797769	14714310	14723317	0.48	cps
Rhodium	103-2	7199922	7034274	7155627	7129941	1.20	cps
Scandium	45-1	9862474	9974137	9917825	9918145	0.56	cps
Scandium	45-2	444011	435995	445199	441735	1.13	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	104	85	87	92	11.09	cps
Selenium	82-1	-32	-30	88	8	809.08	cps
Silicon	28-1	344895	342873	343584	343784	0.30	cps
Silver	109-1	367	392	425	394	7.42	cps
Silver	107-1	517	492	567	525	7.27	cps
Sodium	23-2	38876	37531	37915	38108	1.82	cps
Strontium	86-1	1025	1108	1075	1070	3.92	cps
Strontium	88-1	392	283	325	333	16.39	cps
Sulfur	34-1	484682	483181	484145	484002	0.16	cps
Terbium	159-1	22429217	22845577	22678700	22651165	0.93	cps
Terbium	159-2	11109992	10904234	11175614	11063280	1.28	cps
Thallium	203-1	2542	3067	2809	2806	9.36	cps
Thallium	205-1	7444	6385	6460	6763	8.74	cps
Thorium	232-1	2356	1778	1817	1984	16.28	cps
Tin	118-1	2175	2125	1975	2092	4.98	cps
Titanium	47-1	217	192	208	206	6.19	cps
Uranium	238-1	292	217	200	236	20.68	cps
Vanadium	51-2	13	17	7	12	41.65	cps
Yttrium	89-1	15734849	15930966	15943255	15869690	0.74	cps
Yttrium	89-2	2209111	2194862	2231814	2211929	0.84	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116501BL	Instrumnet Name :	P7
Client Sample ID :	PB116501BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 13:57:33	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	473	433	373	427	11.80	cps
Zirconium	90-1	1367	1308	1100	1258	11.14	cps
Zirconium	91-1	217	208	283	236	17.41	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116501BS	Instrumnet Name :	P7
Client Sample ID :	PB116501BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:01:10	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2352679	2379345	2361338	2364454	0.58	cps
Antimony	121-1	9491525	9491460	9484075	9489020	0.05	cps
Arsenic	75-2	327637	327593	328572	327934	0.17	cps
Barium	135-1	12840098	12890054	12752834	12827662	0.54	cps
Barium	137-1	22517699	22654910	22420189	22530933	0.52	cps
Beryllium	9-1	2618468	2615750	2595645	2609954	0.48	cps
Bismuth	209-1	13775878	13974374	13867490	13872580	0.72	cps
Bismuth	209-2	7598551	7512766	7605464	7572260	0.68	cps
Boron	10-1	549150	560775	553556	554493	1.06	cps
Boron	11-1	2538848	2605252	2535162	2559754	1.54	cps
Cadmium	111-1	2942016	2936434	2934787	2937746	0.13	cps
Cadmium	106-1	330857	323897	331141	328632	1.25	cps
Cadmium	108-1	222928	223139	221325	222464	0.45	cps
Calcium	43-1	3252213	3288925	3268604	3269914	0.56	cps
Calcium	44-1	53386996	53264847	52999554	53217132	0.37	cps
Chromium	52-2	3146851	3146583	3153846	3149093	0.13	cps
Cobalt	59-2	5125671	5202984	5210368	5179675	0.91	cps
Copper	63-2	7362173	7382551	7307124	7350616	0.53	cps
Dysprosium	156-1	283	300	258	281	7.48	cps
Dysprosium	156-2	197	187	173	186	6.31	cps
Erbium	164-1	108	142	142	131	14.74	cps
Erbium	164-2	53	13	80	49	68.64	cps
Gadolinium	160-1	183	250	217	217	15.38	cps
Gadolinium	160-2	293	240	277	270	10.10	cps
Holmium	165-1	22533931	22536292	22298803	22456342	0.61	cps
Holmium	165-2	11197655	11042254	11291865	11177258	1.13	cps
Indium	115-1	15412427	15440723	15208192	15353781	0.83	cps
Indium	115-2	2848396	2830462	2880610	2853156	0.89	cps
Iron	56-2	140250223	140181770	140049298	140160430	0.07	cps
Iron	57-2	3376300	3421906	3445130	3414445	1.03	cps
Krypton	83-1	687	700	763	717	5.72	cps
Lead	206-1	9691584	9679212	9573082	9647960	0.68	cps
Lead	207-1	8611294	8439685	8474427	8508469	1.07	cps
Lead	208-1	38460782	38106812	38103860	38223818	0.54	cps
Lithium	6-1	5035669	5056723	4965891	5019428	0.95	cps
Magnesium	24-2	28444545	28023091	28316354	28261330	0.76	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116501BS	Instrumnet Name :	P7
Client Sample ID :	PB116501BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:01:10	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3886034	3893157	3884219	3887804	0.12	cps
Molybdenum	94-1	20417282	20271283	20228937	20305834	0.49	cps
Molybdenum	95-1	25153241	25215481	24743202	25037308	1.02	cps
Molybdenum	96-1	28028834	27710274	27461636	27733581	1.03	cps
Molybdenum	97-1	15692987	15655752	15699911	15682884	0.15	cps
Molybdenum	98-1	40804754	40236843	40361510	40467702	0.74	cps
Neodymium	150-1	967	1267	1333	1189	16.43	cps
Neodymium	150-2	123	160	83	122	31.37	cps
Nickel	60-2	1370403	1358448	1356160	1361670	0.56	cps
Phosphorus	31-2	129366	129937	127961	129088	0.79	cps
Potassium	39-2	11617266	11558564	11519348	11565060	0.43	cps
Rhodium	103-1	13945021	13987374	13757481	13896625	0.88	cps
Rhodium	103-2	6676417	6515838	6644277	6612177	1.28	cps
Scandium	45-1	9657949	9798789	9662350	9706363	0.82	cps
Scandium	45-2	440054	431959	438582	436865	0.99	cps
Selenium	77-2	9740	10027	9944	9904	1.49	cps
Selenium	78-2	33110	33485	33674	33423	0.86	cps
Selenium	82-1	224150	223908	224387	224148	0.11	cps
Silicon	28-1	11080335	11564762	11687191	11444096	2.80	cps
Silver	109-1	13463063	13570418	13476536	13503339	0.43	cps
Silver	107-1	14044350	13944584	13961010	13983315	0.38	cps
Sodium	23-2	51062257	50539032	50635756	50745682	0.55	cps
Strontium	86-1	3383280	3336718	3315032	3345010	1.04	cps
Strontium	88-1	29222234	29292459	29297637	29270777	0.14	cps
Sulfur	34-1	1716513	1699113	1696619	1704082	0.64	cps
Terbium	159-1	22779019	22979464	22804940	22854474	0.48	cps
Terbium	159-2	10877149	10829917	10880924	10862663	0.26	cps
Thallium	203-1	12028986	12061838	11944166	12011663	0.51	cps
Thallium	205-1	28349120	28637862	28504864	28497282	0.51	cps
Thorium	232-1	39370104	39735093	39615747	39573648	0.47	cps
Tin	118-1	8987887	9101851	9001271	9030336	0.69	cps
Titanium	47-1	7281231	7335963	7263183	7293459	0.52	cps
Uranium	238-1	38196711	37941185	37833764	37990554	0.49	cps
Vanadium	51-2	2503032	2504272	2509959	2505754	0.15	cps
Yttrium	89-1	15768673	15813682	15601094	15727816	0.71	cps
Yttrium	89-2	2201378	2166332	2208966	2192226	1.04	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	PB116501BS	Instrumnet Name :	P7
Client Sample ID :	PB116501BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:01:10	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1126216	1140383	1127363	1131320	0.70	cps
Zirconium	90-1	17161553	17057004	16955588	17058048	0.60	cps
Zirconium	91-1	3751844	3799953	3746157	3765985	0.78	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01A	Instrumnet Name :	P7
Client Sample ID :	390114112A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:04:48	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	467886	467894	469957	468579	0.25	cps
Antimony	121-1	15725751	15730696	15689426	15715291	0.14	cps
Arsenic	75-2	538609	541114	539805	539843	0.23	cps
Barium	135-1	1123656	1135538	1143279	1134158	0.87	cps
Barium	137-1	1982006	1980315	1995228	1985850	0.41	cps
Beryllium	9-1	1062597	1061026	1062315	1061979	0.08	cps
Bismuth	209-1	13965485	13892272	13926709	13928155	0.26	cps
Bismuth	209-2	7622834	7623390	7641055	7629093	0.14	cps
Boron	10-1	352021	358015	358917	356318	1.05	cps
Boron	11-1	1639890	1653978	1649874	1647914	0.44	cps
Cadmium	111-1	1181000	1196158	1200707	1192622	0.87	cps
Cadmium	106-1	109681	112183	111100	110988	1.13	cps
Cadmium	108-1	79748	79869	79882	79833	0.09	cps
Calcium	43-1	175918	175100	174486	175168	0.41	cps
Calcium	44-1	2792387	2781638	2780042	2784689	0.24	cps
Chromium	52-2	2563113	2572818	2602566	2579499	0.80	cps
Cobalt	59-2	2172687	2188079	2192143	2184303	0.47	cps
Copper	63-2	2370136	2378870	2398503	2382503	0.61	cps
Dysprosium	156-1	1274027	1252417	1268712	1265052	0.89	cps
Dysprosium	156-2	292938	298817	297112	296289	1.02	cps
Erbium	164-1	200	258	275	244	16.11	cps
Erbium	164-2	127	80	117	108	22.80	cps
Gadolinium	160-1	608	408	492	503	19.98	cps
Gadolinium	160-2	380	337	293	337	12.87	cps
Holmium	165-1	22310153	22223076	22484743	22339324	0.60	cps
Holmium	165-2	11279805	11265987	11344740	11296844	0.37	cps
Indium	115-1	15313775	15290692	15170190	15258219	0.51	cps
Indium	115-2	2873121	2870548	2905993	2883220	0.69	cps
Iron	56-2	18573610	18729934	18820893	18708146	0.67	cps
Iron	57-2	451175	452208	456957	453447	0.68	cps
Krypton	83-1	680	780	607	689	12.63	cps
Lead	206-1	20002454	19947024	19934000	19961159	0.18	cps
Lead	207-1	17223160	17145756	17181144	17183353	0.23	cps
Lead	208-1	78504075	78049037	78381529	78311547	0.30	cps
Lithium	6-1	4983735	4979915	4978420	4980690	0.06	cps
Magnesium	24-2	1570655	1573067	1588398	1577374	0.61	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01A	Instrumnet Name :	P7
Client Sample ID :	390114112A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:04:48	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	790519	802958	797207	796895	0.78	cps
Molybdenum	94-1	2374681	2356940	2375824	2369148	0.45	cps
Molybdenum	95-1	4164355	4158792	4156261	4159803	0.10	cps
Molybdenum	96-1	4430845	4408996	4451756	4430532	0.48	cps
Molybdenum	97-1	2591189	2582277	2607669	2593711	0.50	cps
Molybdenum	98-1	6661726	6588507	6620524	6623586	0.55	cps
Neodymium	150-1	233	167	260	220	21.85	cps
Neodymium	150-2	37	57	17	37	54.54	cps
Nickel	60-2	1410657	1415690	1420345	1415564	0.34	cps
Phosphorus	31-2	78339	77703	78532	78191	0.55	cps
Potassium	39-2	4784312	4794215	4799414	4792647	0.16	cps
Rhodium	103-1	13904690	13780198	13959216	13881368	0.66	cps
Rhodium	103-2	6745922	6723068	6752131	6740374	0.23	cps
Scandium	45-1	9862430	9760309	9688963	9770567	0.89	cps
Scandium	45-2	437570	436916	443666	439384	0.85	cps
Selenium	77-2	40911	41680	42021	41537	1.37	cps
Selenium	78-2	138464	138705	139663	138944	0.46	cps
Selenium	82-1	924701	927017	932473	928063	0.43	cps
Silicon	28-1	113007569	112690819	112132223	112610204	0.39	cps
Silver	109-1	1963954	1973193	2015109	1984085	1.37	cps
Silver	107-1	2037381	2061252	2067402	2055345	0.77	cps
Sodium	23-2	134079661	135217495	134966666	134754607	0.44	cps
Strontium	86-1	1417701	1416729	1431262	1421897	0.57	cps
Strontium	88-1	12373617	12306206	12381626	12353817	0.34	cps
Sulfur	34-1	1017576	1018718	1024008	1020101	0.34	cps
Terbium	159-1	22928568	22568005	22587007	22694527	0.89	cps
Terbium	159-2	11046268	11083794	11104822	11078295	0.27	cps
Thallium	203-1	49291891	48925739	49764947	49327525	0.85	cps
Thallium	205-1	117186657	116611557	116942040	116913418	0.25	cps
Thorium	232-1	12128	10032	8659	10273	17.01	cps
Tin	118-1	13017623	12852102	12689170	12852965	1.28	cps
Titanium	47-1	617602	605060	609476	610713	1.04	cps
Uranium	238-1	265846	261194	267278	264773	1.20	cps
Vanadium	51-2	1549040	1548682	1554927	1550883	0.23	cps
Yttrium	89-1	15705733	15622165	15631496	15653131	0.29	cps
Yttrium	89-2	2217018	2231665	2227188	2225290	0.34	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1209-01A	Instrumnet Name :	P7
Client Sample ID :	390114112A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:04:48	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	241633	243992	241742	242456	0.55	cps
Zirconium	90-1	8570	7694	6835	7700	11.26	cps
Zirconium	91-1	4359	4326	4418	4368	1.06	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1151-03	Instrumnet Name :	P7
Client Sample ID :	OUTFALL001-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:08:28	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2192	2292	2342	2275	3.36	cps
Antimony	121-1	6068	5968	5860	5965	1.75	cps
Arsenic	75-2	2763	2850	2578	2731	5.09	cps
Barium	135-1	1068097	1067035	1067567	1067566	0.05	cps
Barium	137-1	1856560	1862103	1879025	1865896	0.63	cps
Beryllium	9-1	273	240	240	251	7.66	cps
Bismuth	209-1	13369059	13426018	13519111	13438063	0.56	cps
Bismuth	209-2	7364367	7429309	7458948	7417541	0.65	cps
Boron	10-1	349360	351894	349838	350364	0.38	cps
Boron	11-1	1645951	1682547	1669593	1666031	1.11	cps
Cadmium	111-1	4831	4492	4460	4595	4.48	cps
Cadmium	106-1	6685	6193	6168	6349	4.59	cps
Cadmium	108-1	33	38	29	33	12.50	cps
Calcium	43-1	6155039	6110745	6122742	6129509	0.37	cps
Calcium	44-1	100752884	100970156	100487269	100736770	0.24	cps
Chromium	52-2	6472	6488	6668	6543	1.67	cps
Cobalt	59-2	867	840	973	893	7.90	cps
Copper	63-2	7005	6985	7295	7095	2.45	cps
Dysprosium	156-1	75	8	50	44	75.78	cps
Dysprosium	156-2	27	17	17	20	28.86	cps
Erbium	164-1	92	50	117	86	39.11	cps
Erbium	164-2	40	47	73	53	33.07	cps
Gadolinium	160-1	192	133	125	150	24.22	cps
Gadolinium	160-2	207	200	260	222	14.80	cps
Holmium	165-1	21711025	21799398	21854040	21788154	0.33	cps
Holmium	165-2	10824763	10858291	10908150	10863735	0.39	cps
Indium	115-1	15053589	15159637	15263033	15158753	0.69	cps
Indium	115-2	2818841	2845233	2827569	2830548	0.48	cps
Iron	56-2	70318	70268	71339	70642	0.86	cps
Iron	57-2	23714	23881	25250	24282	3.47	cps
Krypton	83-1	627	693	687	669	5.49	cps
Lead	206-1	3428	3728	3367	3508	5.51	cps
Lead	207-1	2939	2973	3067	2993	2.22	cps
Lead	208-1	13781	13959	13203	13648	2.90	cps
Lithium	6-1	4896211	4894998	4885071	4892093	0.12	cps
Magnesium	24-2	6894522	6876473	6835203	6868732	0.44	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1151-03	Instrumnet Name :	P7
Client Sample ID :	OUTFALL001-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:08:28	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9143	9226	9296	9222	0.83	cps
Molybdenum	94-1	9095	9504	9045	9214	2.73	cps
Molybdenum	95-1	15576	15167	15300	15348	1.36	cps
Molybdenum	96-1	16176	16101	16277	16185	0.54	cps
Molybdenum	97-1	9220	9412	9095	9242	1.73	cps
Molybdenum	98-1	24363	24647	23571	24194	2.31	cps
Neodymium	150-1	153	127	107	129	18.17	cps
Neodymium	150-2	20	10	10	13	43.30	cps
Nickel	60-2	6882	6682	6508	6691	2.79	cps
Phosphorus	31-2	775	800	750	775	3.23	cps
Potassium	39-2	1112218	1115363	1106298	1111293	0.41	cps
Rhodium	103-1	13510603	13595867	13492276	13532915	0.41	cps
Rhodium	103-2	6489353	6562905	6525411	6525890	0.56	cps
Scandium	45-1	9596061	9563408	9636273	9598581	0.38	cps
Scandium	45-2	423573	425309	422588	423823	0.33	cps
Selenium	77-2	13	7	3	8	65.47	cps
Selenium	78-2	128	120	111	120	6.97	cps
Selenium	82-1	594	456	497	516	13.76	cps
Silicon	28-1	139748053	139262407	139445053	139485171	0.18	cps
Silver	109-1	367	517	442	442	16.98	cps
Silver	107-1	483	475	442	467	4.72	cps
Sodium	23-2	48615370	48613501	48440149	48556340	0.21	cps
Strontium	86-1	3432902	3418930	3435567	3429133	0.26	cps
Strontium	88-1	29997386	29781988	29912023	29897132	0.36	cps
Sulfur	34-1	1744768	1748822	1730193	1741261	0.56	cps
Terbium	159-1	22053242	22043354	22017431	22038009	0.08	cps
Terbium	159-2	10633567	10674171	10704009	10670583	0.33	cps
Thallium	203-1	8853	9821	9420	9365	5.19	cps
Thallium	205-1	22061	22211	22512	22261	1.03	cps
Thorium	232-1	1889	1633	1456	1659	13.13	cps
Tin	118-1	7277	6568	6902	6916	5.13	cps
Titanium	47-1	2617	2442	2434	2498	4.15	cps
Uranium	238-1	47673	48150	49154	48326	1.56	cps
Vanadium	51-2	2344	2410	2344	2366	1.63	cps
Yttrium	89-1	15231839	15159030	15247635	15212835	0.31	cps
Yttrium	89-2	2097531	2135334	2126757	2119874	0.93	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1151-03	Instrumnet Name :	P7
Client Sample ID :	OUTFALL001-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:08:28	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10891	10350	10541	10594	2.59	cps
Zirconium	90-1	2209	2042	2009	2086	5.14	cps
Zirconium	91-1	433	367	458	419	11.30	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-01 Instrumnet Name : P7
 Client Sample ID : KY036MW016-190114 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:12:06 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	958	800	808	856	10.42	cps
Antimony	121-1	1700	1784	2225	1903	14.83	cps
Arsenic	75-2	30471	30463	30788	30574	0.61	cps
Barium	135-1	442395	447642	438199	442746	1.07	cps
Barium	137-1	773288	767207	770749	770415	0.40	cps
Beryllium	9-1	277	257	260	264	4.05	cps
Bismuth	209-1	13706406	13893985	13700957	13767116	0.80	cps
Bismuth	209-2	7649779	7556366	7662280	7622809	0.76	cps
Boron	10-1	174739	178482	176992	176738	1.07	cps
Boron	11-1	824723	840655	837167	834182	1.00	cps
Cadmium	111-1	4588	4684	4751	4674	1.75	cps
Cadmium	106-1	6260	6502	6594	6452	2.67	cps
Cadmium	108-1	104	67	133	101	32.96	cps
Calcium	43-1	3286438	3356195	3315940	3319524	1.05	cps
Calcium	44-1	54435132	54621501	53871574	54309403	0.72	cps
Chromium	52-2	9510	9603	9663	9592	0.81	cps
Cobalt	59-2	1660	1667	1747	1691	2.85	cps
Copper	63-2	4828	4704	4881	4804	1.89	cps
Dysprosium	156-1	117	117	133	122	7.87	cps
Dysprosium	156-2	40	30	50	40	25.00	cps
Erbium	164-1	183	208	133	175	21.82	cps
Erbium	164-2	60	67	57	61	8.33	cps
Gadolinium	160-1	258	175	142	192	31.35	cps
Gadolinium	160-2	260	277	237	258	7.80	cps
Holmium	165-1	21737402	22092287	21686331	21838673	1.01	cps
Holmium	165-2	10996888	10899699	11070850	10989146	0.78	cps
Indium	115-1	15314953	15335828	15178581	15276454	0.56	cps
Indium	115-2	2849685	2812533	2878944	2847054	1.17	cps
Iron	56-2	7311583	7256005	7308922	7292170	0.43	cps
Iron	57-2	184967	184792	189767	186509	1.51	cps
Krypton	83-1	580	673	630	628	7.44	cps
Lead	206-1	3412	3423	3567	3467	2.50	cps
Lead	207-1	2834	2767	3034	2878	4.82	cps
Lead	208-1	13620	13336	13909	13622	2.10	cps
Lithium	6-1	4870027	4900145	4873494	4881222	0.34	cps
Magnesium	24-2	3210465	3183036	3280765	3224756	1.56	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-01	Instrumnet Name :	P7
Client Sample ID :	KY036MW016-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:12:06	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4127590	4124435	4166820	4139615	0.57	cps
Molybdenum	94-1	78901	79831	80535	79756	1.03	cps
Molybdenum	95-1	140864	140400	140737	140667	0.17	cps
Molybdenum	96-1	149569	149864	151118	150183	0.55	cps
Molybdenum	97-1	86831	88709	88139	87893	1.10	cps
Molybdenum	98-1	223242	227437	224299	224992	0.97	cps
Neodymium	150-1	133	100	87	107	22.54	cps
Neodymium	150-2	50	43	30	41	24.77	cps
Nickel	60-2	6011	6185	5891	6029	2.45	cps
Phosphorus	31-2	875	625	833	778	17.22	cps
Potassium	39-2	488482	492599	502060	494380	1.41	cps
Rhodium	103-1	13600521	13736604	13653566	13663564	0.50	cps
Rhodium	103-2	6677381	6567938	6696367	6647229	1.04	cps
Scandium	45-1	9462465	9524643	9455814	9480974	0.40	cps
Scandium	45-2	417132	416268	423107	418836	0.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	96	85	91	91	6.12	cps
Selenium	82-1	279	135	253	222	34.44	cps
Silicon	28-1	102542309	103562288	102597450	102900682	0.56	cps
Silver	109-1	267	367	408	347	20.97	cps
Silver	107-1	383	442	542	456	17.58	cps
Sodium	23-2	21268211	21038476	21494147	21266945	1.07	cps
Strontium	86-1	1161831	1164123	1164474	1163476	0.12	cps
Strontium	88-1	10210750	10167275	10130107	10169377	0.40	cps
Sulfur	34-1	494331	490210	496240	493594	0.62	cps
Terbium	159-1	21979243	22123742	22087706	22063564	0.34	cps
Terbium	159-2	10745099	10659417	10776317	10726945	0.56	cps
Thallium	203-1	5018	5326	5301	5215	3.29	cps
Thallium	205-1	12181	11856	13533	12523	7.10	cps
Thorium	232-1	1450	1378	1533	1454	5.36	cps
Tin	118-1	1884	1942	1892	1906	1.66	cps
Titanium	47-1	2509	1834	2059	2134	16.12	cps
Uranium	238-1	3834	3651	3859	3781	3.01	cps
Vanadium	51-2	513	600	537	550	8.15	cps
Yttrium	89-1	15212991	15260539	15061295	15178275	0.69	cps
Yttrium	89-2	2113128	2098365	2159714	2123736	1.51	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-01	Instrumnet Name :	P7
Client Sample ID :	KY036MW016-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:12:06	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9200	9053	9353	9202	1.63	cps
Zirconium	90-1	1183	1267	1167	1206	4.44	cps
Zirconium	91-1	442	475	467	461	3.76	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-02 Instrumnet Name : P7
 Client Sample ID : ST008MW037-190114 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:15:43 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2775	3075	2859	2903	5.34	cps
Antimony	121-1	1433	1400	1508	1447	3.83	cps
Arsenic	75-2	85540	86539	85004	85694	0.91	cps
Barium	135-1	568603	569517	572334	570152	0.34	cps
Barium	137-1	992362	1010321	1005894	1002859	0.93	cps
Beryllium	9-1	260	210	230	233	10.79	cps
Bismuth	209-1	13473791	13593624	13643401	13570272	0.64	cps
Bismuth	209-2	7543534	7553083	7523850	7540156	0.20	cps
Boron	10-1	179396	182329	184066	181930	1.30	cps
Boron	11-1	834825	857086	864994	852301	1.84	cps
Cadmium	111-1	4387	4893	4716	4666	5.50	cps
Cadmium	106-1	6093	6685	6585	6455	4.91	cps
Cadmium	108-1	46	46	63	51	18.73	cps
Calcium	43-1	4506266	4557124	4589962	4551117	0.93	cps
Calcium	44-1	74769993	75032098	74869866	74890652	0.18	cps
Chromium	52-2	11648	11812	12038	11833	1.66	cps
Cobalt	59-2	2570	2520	2500	2530	1.43	cps
Copper	63-2	4561	4677	4677	4639	1.45	cps
Dysprosium	156-1	133	175	233	181	27.82	cps
Dysprosium	156-2	47	57	90	64	35.20	cps
Erbium	164-1	200	225	300	242	21.54	cps
Erbium	164-2	113	113	143	123	14.04	cps
Gadolinium	160-1	242	308	208	253	20.14	cps
Gadolinium	160-2	340	340	367	349	4.41	cps
Holmium	165-1	21230008	21538975	21322355	21363779	0.74	cps
Holmium	165-2	10873168	10944903	10879474	10899182	0.36	cps
Indium	115-1	14921982	15030154	15108248	15020128	0.62	cps
Indium	115-2	2796883	2811592	2796130	2801535	0.31	cps
Iron	56-2	38522213	38687254	38202694	38470720	0.64	cps
Iron	57-2	931407	939320	934942	935223	0.42	cps
Krypton	83-1	597	550	620	589	6.05	cps
Lead	206-1	17228	17456	18241	17642	3.01	cps
Lead	207-1	13986	14047	14175	14069	0.69	cps
Lead	208-1	65761	65414	67168	66114	1.40	cps
Lithium	6-1	4777622	4854062	4869829	4833838	1.02	cps
Magnesium	24-2	5880532	5890814	5831658	5867668	0.54	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-02	Instrumnet Name :	P7
Client Sample ID :	ST008MW037-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:15:43	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	994617	1005308	996486	998804	0.57	cps
Molybdenum	94-1	26492	26158	26550	26400	0.80	cps
Molybdenum	95-1	43659	44771	44328	44253	1.26	cps
Molybdenum	96-1	47664	47496	47606	47589	0.18	cps
Molybdenum	97-1	27694	28087	27845	27875	0.71	cps
Molybdenum	98-1	70743	71228	72702	71558	1.43	cps
Neodymium	150-1	307	173	127	202	46.19	cps
Neodymium	150-2	57	103	63	74	33.91	cps
Nickel	60-2	2444	2614	2420	2492	4.23	cps
Phosphorus	31-2	492	642	633	589	14.31	cps
Potassium	39-2	377670	378208	371454	375777	1.00	cps
Rhodium	103-1	13209081	13345370	13615223	13389891	1.54	cps
Rhodium	103-2	6548051	6581519	6544841	6558137	0.31	cps
Scandium	45-1	9232919	9382818	9440460	9352066	1.15	cps
Scandium	45-2	418174	417110	412006	415763	0.79	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	81	87	94	88	7.42	cps
Selenium	82-1	181	255	207	214	17.47	cps
Silicon	28-1	124452811	123924032	124179303	124185382	0.21	cps
Silver	109-1	383	375	492	417	15.62	cps
Silver	107-1	467	550	517	511	8.21	cps
Sodium	23-2	14479308	14332857	14238114	14350093	0.85	cps
Strontium	86-1	2876494	2909530	2897072	2894365	0.58	cps
Strontium	88-1	25561569	25515822	25287998	25455130	0.58	cps
Sulfur	34-1	499058	497667	496691	497805	0.24	cps
Terbium	159-1	21682559	21796216	22037608	21838794	0.83	cps
Terbium	159-2	10646603	10688539	10630463	10655202	0.28	cps
Thallium	203-1	4426	4293	4084	4268	4.04	cps
Thallium	205-1	9921	9537	9637	9698	2.05	cps
Thorium	232-1	1722	1595	1417	1578	9.73	cps
Tin	118-1	1692	1717	1650	1686	2.00	cps
Titanium	47-1	2784	2950	2917	2884	3.06	cps
Uranium	238-1	483	433	492	469	6.72	cps
Vanadium	51-2	543	490	570	534	7.62	cps
Yttrium	89-1	14900306	14937661	15031061	14956343	0.45	cps
Yttrium	89-2	2101442	2117499	2091765	2103569	0.62	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-02	Instrumnet Name :	P7
Client Sample ID :	ST008MW037-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:15:43	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16760	16676	17474	16970	2.58	cps
Zirconium	90-1	2284	1617	1750	1884	18.73	cps
Zirconium	91-1	758	825	783	789	4.27	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-03	Instrumnet Name :	P7
Client Sample ID :	SS037MW266-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:19:22	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	733	683	442	619	25.18	cps
Antimony	121-1	2325	2409	2409	2381	2.02	cps
Arsenic	75-2	2028	1852	1904	1928	4.69	cps
Barium	135-1	1392547	1378923	1387666	1386379	0.50	cps
Barium	137-1	2434674	2432055	2444117	2436949	0.26	cps
Beryllium	9-1	203	143	207	184	19.32	cps
Bismuth	209-1	13353721	13581896	13440690	13458769	0.86	cps
Bismuth	209-2	7430154	7351382	7470879	7417472	0.82	cps
Boron	10-1	229660	228423	233196	230426	1.08	cps
Boron	11-1	1084080	1085156	1109940	1093058	1.34	cps
Cadmium	111-1	4626	4294	4665	4529	4.50	cps
Cadmium	106-1	6435	6010	6502	6316	4.23	cps
Cadmium	108-1	29	42	33	35	18.33	cps
Calcium	43-1	6111846	6072806	6154897	6113183	0.67	cps
Calcium	44-1	100026098	99307021	101026465	100119861	0.86	cps
Chromium	52-2	3671	3687	3671	3676	0.26	cps
Cobalt	59-2	14641	14337	14617	14532	1.16	cps
Copper	63-2	3477	3380	3110	3323	5.72	cps
Dysprosium	156-1	42	25	67	44	47.19	cps
Dysprosium	156-2	30	37	43	37	18.18	cps
Erbium	164-1	100	100	92	97	4.95	cps
Erbium	164-2	67	30	47	48	38.43	cps
Gadolinium	160-1	175	92	183	150	33.79	cps
Gadolinium	160-2	250	303	273	276	9.70	cps
Holmium	165-1	21715544	21656834	21787855	21720078	0.30	cps
Holmium	165-2	11037490	10790843	10905422	10911252	1.13	cps
Indium	115-1	15077085	15149464	15090170	15105573	0.26	cps
Indium	115-2	2838000	2798746	2821864	2819536	0.70	cps
Iron	56-2	765611	752981	752206	756933	0.99	cps
Iron	57-2	41409	41409	41114	41311	0.41	cps
Krypton	83-1	710	570	607	629	11.54	cps
Lead	206-1	4112	3940	3928	3993	2.58	cps
Lead	207-1	3473	3284	3162	3306	4.74	cps
Lead	208-1	15676	14987	14976	15213	2.64	cps
Lithium	6-1	4825121	4881161	4911155	4872479	0.90	cps
Magnesium	24-2	6441013	6371065	6363868	6391982	0.67	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-03	Instrumnet Name :	P7
Client Sample ID :	SS037MW266-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:19:22	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1844810	1811539	1814105	1823484	1.02	cps
Molybdenum	94-1	8478	8028	8294	8267	2.74	cps
Molybdenum	95-1	14583	14783	14783	14716	0.79	cps
Molybdenum	96-1	15517	15543	15034	15364	1.87	cps
Molybdenum	97-1	8811	8761	8920	8831	0.92	cps
Molybdenum	98-1	22443	22059	22560	22354	1.17	cps
Neodymium	150-1	187	167	147	167	12.00	cps
Neodymium	150-2	30	20	33	28	24.98	cps
Nickel	60-2	9300	9200	9086	9195	1.16	cps
Phosphorus	31-2	342	433	425	400	12.67	cps
Potassium	39-2	934582	920196	916041	923606	1.05	cps
Rhodium	103-1	13286369	13295129	13456736	13346078	0.72	cps
Rhodium	103-2	6527458	6492737	6473889	6498028	0.42	cps
Scandium	45-1	9353965	9417833	9467275	9413024	0.60	cps
Scandium	45-2	417287	412767	416225	415426	0.57	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	107	109	120	112	6.24	cps
Selenium	82-1	416	550	622	529	19.74	cps
Silicon	28-1	122242424	123155265	122811719	122736469	0.38	cps
Silver	109-1	292	233	258	261	11.21	cps
Silver	107-1	425	358	533	439	20.12	cps
Sodium	23-2	39389825	38374868	38448457	38737716	1.46	cps
Strontium	86-1	3823675	3814386	3852327	3830130	0.52	cps
Strontium	88-1	33153918	33123162	33242183	33173088	0.19	cps
Sulfur	34-1	1483437	1470754	1473349	1475846	0.45	cps
Terbium	159-1	21899886	22115090	22105659	22040211	0.55	cps
Terbium	159-2	10655945	10522413	10635120	10604493	0.68	cps
Thallium	203-1	4401	4793	5110	4768	7.45	cps
Thallium	205-1	11105	11022	11689	11272	3.22	cps
Thorium	232-1	1011	883	822	906	10.64	cps
Tin	118-1	1525	1625	1742	1631	6.65	cps
Titanium	47-1	2409	2359	2417	2395	1.32	cps
Uranium	238-1	81761	82315	84413	82829	1.69	cps
Vanadium	51-2	18075	17691	17340	17702	2.07	cps
Yttrium	89-1	14925036	15095206	15070996	15030413	0.61	cps
Yttrium	89-2	2123954	2109580	2106296	2113277	0.44	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-03	Instrumnet Name :	P7
Client Sample ID :	SS037MW266-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:19:22	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	28498	28411	28622	28510	0.37	cps
Zirconium	90-1	1100	1117	1333	1183	11.00	cps
Zirconium	91-1	308	242	392	314	23.94	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-04	Instrumnet Name :	P7
Client Sample ID :	SS038MW050-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:23:01	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	967	792	908	889	10.03	cps
Antimony	121-1	1042	950	967	986	4.95	cps
Arsenic	75-2	48681	47856	48326	48288	0.86	cps
Barium	135-1	1103975	1110351	1116361	1110229	0.56	cps
Barium	137-1	1943381	1953287	1952386	1949685	0.28	cps
Beryllium	9-1	200	170	183	184	8.15	cps
Bismuth	209-1	13410236	13542395	13444145	13465592	0.51	cps
Bismuth	209-2	7458441	7358703	7434554	7417233	0.70	cps
Boron	10-1	268634	270247	273116	270665	0.84	cps
Boron	11-1	1278982	1281207	1277954	1279381	0.13	cps
Cadmium	111-1	4560	4460	4749	4589	3.20	cps
Cadmium	106-1	6410	6302	6710	6474	3.27	cps
Cadmium	108-1	33	38	33	35	6.93	cps
Calcium	43-1	5013786	4999591	5072174	5028517	0.77	cps
Calcium	44-1	82657725	81875598	82217000	82250107	0.48	cps
Chromium	52-2	3824	3834	3791	3816	0.59	cps
Cobalt	59-2	1167	1187	1150	1168	1.57	cps
Copper	63-2	2987	2807	2634	2809	6.29	cps
Dysprosium	156-1	42	42	42	42	0.00	cps
Dysprosium	156-2	17	50	20	29	63.54	cps
Erbium	164-1	117	83	117	106	18.23	cps
Erbium	164-2	37	53	43	44	18.87	cps
Gadolinium	160-1	100	167	167	144	26.65	cps
Gadolinium	160-2	237	283	267	262	9.02	cps
Holmium	165-1	21283392	21551792	21347127	21394104	0.66	cps
Holmium	165-2	10872551	10764611	10960184	10865782	0.90	cps
Indium	115-1	15105577	15064288	15121722	15097195	0.20	cps
Indium	115-2	2780195	2784044	2806308	2790182	0.51	cps
Iron	56-2	32740683	32483809	32526922	32583805	0.42	cps
Iron	57-2	792920	798515	798713	796716	0.41	cps
Krypton	83-1	667	537	630	611	10.97	cps
Lead	206-1	5824	5423	5129	5459	6.39	cps
Lead	207-1	4990	4601	4712	4768	4.20	cps
Lead	208-1	22108	21180	22036	21774	2.37	cps
Lithium	6-1	4850709	4853666	4848681	4851018	0.05	cps
Magnesium	24-2	6175123	6130211	6190324	6165219	0.51	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-04	Instrumnet Name :	P7
Client Sample ID :	SS038MW050-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:23:01	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1621798	1619612	1619570	1620327	0.08	cps
Molybdenum	94-1	15759	15526	15743	15676	0.83	cps
Molybdenum	95-1	27143	27002	27494	27213	0.93	cps
Molybdenum	96-1	29197	28053	28913	28721	2.07	cps
Molybdenum	97-1	16710	17027	16911	16883	0.95	cps
Molybdenum	98-1	43266	43509	43626	43467	0.42	cps
Neodymium	150-1	127	100	147	124	18.81	cps
Neodymium	150-2	10	20	23	18	39.03	cps
Nickel	60-2	4007	4187	3924	4040	3.33	cps
Phosphorus	31-2	1008	1058	858	975	10.68	cps
Potassium	39-2	563728	542332	555569	553876	1.95	cps
Rhodium	103-1	13320242	13381744	13423286	13375091	0.39	cps
Rhodium	103-2	6515011	6497568	6500354	6504311	0.14	cps
Scandium	45-1	9406669	9398663	9364718	9390017	0.24	cps
Scandium	45-2	416844	412404	418990	416079	0.81	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	91	74	65	77	17.16	cps
Selenium	82-1	375	526	456	453	16.69	cps
Silicon	28-1	145040662	144772787	144508937	144774128	0.18	cps
Silver	109-1	308	308	392	336	14.31	cps
Silver	107-1	325	392	458	392	17.02	cps
Sodium	23-2	39912909	39845722	40194957	39984529	0.46	cps
Strontium	86-1	2440574	2407808	2432835	2427072	0.71	cps
Strontium	88-1	21302303	21118950	21239332	21220195	0.44	cps
Sulfur	34-1	498820	500321	498060	499067	0.23	cps
Terbium	159-1	21619664	21783704	21840611	21747993	0.53	cps
Terbium	159-2	10703053	10645050	10675034	10674379	0.27	cps
Thallium	203-1	3134	3351	3267	3251	3.36	cps
Thallium	205-1	7302	7786	8253	7780	6.11	cps
Thorium	232-1	811	867	856	845	3.48	cps
Tin	118-1	1467	1575	1608	1550	4.78	cps
Titanium	47-1	2859	2742	2734	2778	2.52	cps
Uranium	238-1	258	200	275	244	16.11	cps
Vanadium	51-2	287	287	270	281	3.42	cps
Yttrium	89-1	14821936	14999202	14970820	14930653	0.64	cps
Yttrium	89-2	2104488	2101403	2107080	2104323	0.14	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-04	Instrumnet Name :	P7
Client Sample ID :	SS038MW050-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:23:01	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6505	6655	6595	6585	1.15	cps
Zirconium	90-1	1292	1200	1117	1203	7.28	cps
Zirconium	91-1	600	525	450	525	14.29	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-05 Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:26:39 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575	600	708	628	11.29	cps
Antimony	121-1	1008	1217	1133	1120	9.37	cps
Arsenic	75-2	52442	52580	52866	52629	0.41	cps
Barium	135-1	2450279	2444959	2475396	2456878	0.66	cps
Barium	137-1	4330308	4275547	4341152	4315669	0.81	cps
Beryllium	9-1	163	197	170	177	9.98	cps
Bismuth	209-1	13262989	13316411	13450934	13343445	0.73	cps
Bismuth	209-2	7346983	7439901	7292768	7359884	1.01	cps
Boron	10-1	440892	454768	458362	451341	2.04	cps
Boron	11-1	2124547	2157448	2184428	2155474	1.39	cps
Cadmium	111-1	4255	4474	4613	4447	4.06	cps
Cadmium	106-1	5993	6302	6518	6271	4.21	cps
Cadmium	108-1	46	42	29	39	22.30	cps
Calcium	43-1	4908316	4942681	4894944	4915314	0.50	cps
Calcium	44-1	80247743	81331043	80921548	80833445	0.68	cps
Chromium	52-2	3731	3891	3581	3734	4.15	cps
Cobalt	59-2	3847	3811	3484	3714	5.39	cps
Copper	63-2	32286	32002	32065	32118	0.46	cps
Dysprosium	156-1	83	75	42	67	33.07	cps
Dysprosium	156-2	40	53	40	44	17.32	cps
Erbium	164-1	133	92	100	108	20.35	cps
Erbium	164-2	73	57	53	61	17.54	cps
Gadolinium	160-1	100	142	175	139	27.06	cps
Gadolinium	160-2	227	253	257	246	6.70	cps
Holmium	165-1	21242246	21415942	21778254	21478814	1.27	cps
Holmium	165-2	10953576	10943531	10842334	10913147	0.56	cps
Indium	115-1	14884463	14875094	15036135	14931898	0.61	cps
Indium	115-2	2802722	2811689	2771662	2795358	0.75	cps
Iron	56-2	28671202	28493563	28635960	28600242	0.33	cps
Iron	57-2	707408	697677	700510	701865	0.71	cps
Krypton	83-1	627	687	617	643	5.89	cps
Lead	206-1	14942	14514	14447	14634	1.84	cps
Lead	207-1	12145	12651	12740	12512	2.56	cps
Lead	208-1	57055	56092	57128	56758	1.02	cps
Lithium	6-1	4805334	4800518	4834604	4813485	0.38	cps
Magnesium	24-2	6590304	6565898	6458263	6538155	1.07	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:26:39	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1344666	1343162	1345783	1344537	0.10	cps
Molybdenum	94-1	19189	18363	18638	18730	2.25	cps
Molybdenum	95-1	31619	32747	32221	32195	1.75	cps
Molybdenum	96-1	34651	35328	35077	35019	0.98	cps
Molybdenum	97-1	20374	20032	20274	20226	0.87	cps
Molybdenum	98-1	52029	50657	51703	51463	1.39	cps
Neodymium	150-1	240	140	213	198	26.18	cps
Neodymium	150-2	33	30	23	29	17.63	cps
Nickel	60-2	68911	69993	69413	69439	0.78	cps
Phosphorus	31-2	1217	1033	983	1078	11.40	cps
Potassium	39-2	465208	463834	465995	465012	0.24	cps
Rhodium	103-1	13279036	13173532	13456092	13302887	1.07	cps
Rhodium	103-2	6491239	6581911	6487707	6520286	0.82	cps
Scandium	45-1	9348025	9377524	9383035	9369528	0.20	cps
Scandium	45-2	414054	418775	409730	414187	1.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	91	111	63	88	27.38	cps
Selenium	82-1	398	374	477	416	12.98	cps
Silicon	28-1	153338133	153044649	153624158	153335646	0.19	cps
Silver	109-1	208	275	250	244	13.78	cps
Silver	107-1	317	392	400	369	12.42	cps
Sodium	23-2	53109480	53556839	52880593	53182304	0.65	cps
Strontium	86-1	2260655	2243216	2278760	2260877	0.79	cps
Strontium	88-1	19861366	19819611	20011798	19897592	0.51	cps
Sulfur	34-1	502367	506883	500571	503273	0.65	cps
Terbium	159-1	21719263	21674782	21749591	21714545	0.17	cps
Terbium	159-2	10687792	10770623	10535639	10664685	1.12	cps
Thallium	203-1	2542	2884	2842	2756	6.77	cps
Thallium	205-1	6727	6352	6127	6402	4.74	cps
Thorium	232-1	739	561	661	654	13.63	cps
Tin	118-1	1775	1959	1942	1892	5.36	cps
Titanium	47-1	3159	2625	2800	2862	9.50	cps
Uranium	238-1	133	158	192	161	18.17	cps
Vanadium	51-2	700	887	690	759	14.60	cps
Yttrium	89-1	14842488	14984038	15065467	14963998	0.75	cps
Yttrium	89-2	2088253	2125789	2089625	2101223	1.01	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:26:39	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	22815	22397	22748	22653	0.99	cps
Zirconium	90-1	1475	1508	1717	1567	8.36	cps
Zirconium	91-1	700	675	658	678	3.09	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-05DUP Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115DL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:30:17 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700	592	583	625	10.41	cps
Antimony	121-1	950	883	1117	983	12.22	cps
Arsenic	75-2	53524	54137	53143	53601	0.94	cps
Barium	135-1	2481960	2478746	2481713	2480806	0.07	cps
Barium	137-1	4306101	4338280	4326769	4323717	0.38	cps
Beryllium	9-1	200	170	193	188	8.39	cps
Bismuth	209-1	13322510	13281736	13275712	13293320	0.19	cps
Bismuth	209-2	7393219	7279998	7276967	7316728	0.91	cps
Boron	10-1	454727	472033	464941	463900	1.88	cps
Boron	11-1	2159291	2193296	2240712	2197766	1.86	cps
Cadmium	111-1	4395	4426	4620	4480	2.73	cps
Cadmium	106-1	6168	6202	6510	6293	2.99	cps
Cadmium	108-1	21	46	58	42	45.83	cps
Calcium	43-1	4996714	4946429	4981259	4974801	0.52	cps
Calcium	44-1	81969969	81325508	81838798	81711425	0.42	cps
Chromium	52-2	3671	3734	3530	3645	2.86	cps
Cobalt	59-2	3727	3651	3601	3659	1.74	cps
Copper	63-2	33455	32667	33465	33196	1.38	cps
Dysprosium	156-1	125	67	108	100	30.05	cps
Dysprosium	156-2	60	40	33	44	31.23	cps
Erbium	164-1	117	142	233	164	37.48	cps
Erbium	164-2	50	47	70	56	22.71	cps
Gadolinium	160-1	133	108	117	119	10.66	cps
Gadolinium	160-2	203	223	210	212	4.80	cps
Holmium	165-1	21473966	21806119	21519679	21599921	0.83	cps
Holmium	165-2	10935629	10851576	10884747	10890650	0.39	cps
Indium	115-1	14849199	15038248	15034520	14973989	0.72	cps
Indium	115-2	2804966	2789094	2783245	2792435	0.40	cps
Iron	56-2	28971271	28805135	28677828	28818078	0.51	cps
Iron	57-2	707651	703259	700526	703812	0.51	cps
Krypton	83-1	573	580	597	583	2.06	cps
Lead	206-1	14403	14353	14853	14536	1.90	cps
Lead	207-1	12061	12584	12373	12339	2.13	cps
Lead	208-1	56795	57373	57239	57135	0.53	cps
Lithium	6-1	4810317	4826450	4828581	4821783	0.21	cps
Magnesium	24-2	6691869	6698062	6625773	6671901	0.60	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-05DUP Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115DL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:30:17 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1353696	1371119	1351276	1358697	0.80	cps
Molybdenum	94-1	18454	19047	19406	18969	2.53	cps
Molybdenum	95-1	32747	32822	32154	32574	1.12	cps
Molybdenum	96-1	35612	35462	35136	35403	0.69	cps
Molybdenum	97-1	20783	20699	20549	20677	0.57	cps
Molybdenum	98-1	52531	52297	51285	52038	1.27	cps
Neodymium	150-1	280	253	187	240	20.03	cps
Neodymium	150-2	37	27	27	30	19.24	cps
Nickel	60-2	70934	71085	70887	70969	0.15	cps
Phosphorus	31-2	1117	1117	1058	1097	3.07	cps
Potassium	39-2	470936	471276	474109	472107	0.37	cps
Rhodium	103-1	13286359	13370332	13264692	13307128	0.42	cps
Rhodium	103-2	6527649	6466524	6495665	6496613	0.47	cps
Scandium	45-1	9366891	9305530	9442073	9371498	0.73	cps
Scandium	45-2	416653	416536	413768	415653	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	80	106	85	22.48	cps
Selenium	82-1	380	397	450	409	9.01	cps
Silicon	28-1	155603695	155770770	156092049	155822172	0.16	cps
Silver	109-1	217	283	158	219	28.50	cps
Silver	107-1	425	342	333	367	13.83	cps
Sodium	23-2	54441503	53698605	53877528	54005879	0.72	cps
Strontium	86-1	2307969	2296001	2314604	2306191	0.41	cps
Strontium	88-1	20237693	20203920	20210707	20217440	0.09	cps
Sulfur	34-1	503025	509124	508856	507002	0.68	cps
Terbium	159-1	21634505	21508016	21858973	21667165	0.82	cps
Terbium	159-2	10718789	10655585	10556137	10643504	0.77	cps
Thallium	203-1	2367	2584	2375	2442	5.03	cps
Thallium	205-1	5568	5843	5927	5779	3.25	cps
Thorium	232-1	517	506	550	524	4.41	cps
Tin	118-1	1684	2000	1809	1831	8.71	cps
Titanium	47-1	2917	3034	3067	3006	2.62	cps
Uranium	238-1	167	167	133	156	12.37	cps
Vanadium	51-2	777	690	800	756	7.67	cps
Yttrium	89-1	14899014	14886548	14971426	14918996	0.31	cps
Yttrium	89-2	2092914	2110371	2107629	2103638	0.45	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05DUP	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115DL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:30:17	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	23459	22828	23306	23198	1.42	cps
Zirconium	90-1	1383	1442	1567	1464	6.40	cps
Zirconium	91-1	567	650	600	606	6.93	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:34:46	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13369787	13325725	13430059	13375190	0.39	cps
Antimony	121-1	8955943	8901441	8875485	8910956	0.46	cps
Arsenic	75-2	315621	317985	320721	318109	0.80	cps
Barium	135-1	12546782	12504950	12578240	12543324	0.29	cps
Barium	137-1	21981502	22016149	22094908	22030853	0.26	cps
Beryllium	9-1	2486325	2470862	2479897	2479028	0.31	cps
Bismuth	209-1	12534221	12176441	12028321	12246328	2.12	cps
Bismuth	209-2	6727584	6778088	6729901	6745191	0.42	cps
Boron	10-1	529635	531395	537412	532814	0.77	cps
Boron	11-1	2470751	2442980	2484098	2465943	0.85	cps
Cadmium	111-1	2596114	2598762	2619434	2604770	0.49	cps
Cadmium	106-1	304950	302876	306715	304847	0.63	cps
Cadmium	108-1	205543	203708	204128	204460	0.47	cps
Calcium	43-1	15428411	15543151	15799524	15590362	1.22	cps
Calcium	44-1	254658631	254813231	258229497	255900453	0.79	cps
Chromium	52-2	3249979	3285728	3265168	3266958	0.55	cps
Cobalt	59-2	5162607	5190030	5197389	5183342	0.35	cps
Copper	63-2	7015898	7010321	7059843	7028688	0.39	cps
Dysprosium	156-1	283	475	408	389	25.02	cps
Dysprosium	156-2	230	163	210	201	17.01	cps
Erbium	164-1	125	108	117	117	7.14	cps
Erbium	164-2	110	97	80	96	15.73	cps
Gadolinium	160-1	292	267	200	253	18.75	cps
Gadolinium	160-2	313	340	350	334	5.67	cps
Holmium	165-1	22560640	21893747	21597638	22017342	2.24	cps
Holmium	165-2	11083924	11143513	11065033	11097490	0.37	cps
Indium	115-1	14969537	14525532	14549406	14681492	1.70	cps
Indium	115-2	2799822	2825440	2824669	2816644	0.52	cps
Iron	56-2	706267549	701074882	704490482	703944305	0.37	cps
Iron	57-2	17470702	17488844	17353322	17437623	0.42	cps
Krypton	83-1	673	647	647	656	2.35	cps
Lead	206-1	8968822	8849708	8752427	8856986	1.22	cps
Lead	207-1	7902843	7812252	7764888	7826661	0.90	cps
Lead	208-1	35425614	35063843	34735573	35075010	0.98	cps
Lithium	6-1	4926262	4839643	4790227	4852044	1.42	cps
Magnesium	24-2	139998357	142176866	141926107	141367110	0.84	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:34:46	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3951905	3943661	3981878	3959148	0.51	cps
Molybdenum	94-1	20131251	20344057	20246598	20240635	0.53	cps
Molybdenum	95-1	24682547	24895317	24999918	24859261	0.65	cps
Molybdenum	96-1	27431427	27386489	27461332	27426416	0.14	cps
Molybdenum	97-1	15484111	15425424	15394351	15434629	0.30	cps
Molybdenum	98-1	40162946	39975011	39687198	39941718	0.60	cps
Neodymium	150-1	1153	1293	1120	1189	7.74	cps
Neodymium	150-2	153	203	167	174	14.84	cps
Nickel	60-2	1318863	1325449	1335216	1326509	0.62	cps
Phosphorus	31-2	132626	132425	131434	132162	0.48	cps
Potassium	39-2	60429312	60165885	60422247	60339148	0.25	cps
Rhodium	103-1	12930162	12618395	12593258	12713938	1.48	cps
Rhodium	103-2	6195113	6248999	6282984	6242365	0.71	cps
Scandium	45-1	9844437	9604628	9484109	9644391	1.90	cps
Scandium	45-2	446217	449452	449774	448481	0.44	cps
Selenium	77-2	9233	9527	9473	9411	1.66	cps
Selenium	78-2	31291	32008	31519	31606	1.16	cps
Selenium	82-1	199498	200966	201438	200634	0.50	cps
Silicon	28-1	8254922	8375643	8556753	8395773	1.81	cps
Silver	109-1	12013318	11912707	12051401	11992475	0.60	cps
Silver	107-1	12551569	12485447	12508987	12515334	0.27	cps
Sodium	23-2	260461864	263884114	264641098	262995692	0.85	cps
Strontium	86-1	3251746	3247244	3295121	3264703	0.81	cps
Strontium	88-1	28628212	28373635	28773957	28591935	0.71	cps
Sulfur	34-1	1703410	1700687	1726495	1710197	0.83	cps
Terbium	159-1	22797293	22045798	21782160	22208417	2.37	cps
Terbium	159-2	10815118	10874456	10790324	10826632	0.40	cps
Thallium	203-1	11219480	11080073	10952156	11083903	1.21	cps
Thallium	205-1	26515879	26374697	26181782	26357453	0.64	cps
Thorium	232-1	38424297	38119911	37860593	38134933	0.74	cps
Tin	118-1	8672018	8601116	8616892	8630008	0.43	cps
Titanium	47-1	7281005	7295642	7286928	7287858	0.10	cps
Uranium	238-1	37202696	36616451	36605930	36808359	0.93	cps
Vanadium	51-2	2594771	2627461	2611302	2611178	0.63	cps
Yttrium	89-1	15565371	15244784	15324617	15378258	1.09	cps
Yttrium	89-2	2199231	2232657	2243799	2225229	1.04	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:34:46	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1124777	1131787	1133952	1130172	0.42	cps
Zirconium	90-1	16897820	17050305	16938752	16962293	0.47	cps
Zirconium	91-1	3702429	3730107	3724769	3719101	0.39	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : CCB81 Instrumnet Name : P7
 Client Sample ID : CCB81 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:39:10 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	433	400	369	22.59	cps
Antimony	121-1	2617	2650	2325	2531	7.07	cps
Arsenic	75-2	22	43	7	24	73.37	cps
Barium	135-1	342	333	333	336	1.43	cps
Barium	137-1	633	692	558	628	10.65	cps
Beryllium	9-1	287	277	270	278	3.02	cps
Bismuth	209-1	14449747	14360492	14590538	14466926	0.80	cps
Bismuth	209-2	8014080	8062917	8080626	8052541	0.43	cps
Boron	10-1	17820	15826	15892	16512	6.86	cps
Boron	11-1	78663	76938	72574	76058	4.13	cps
Cadmium	111-1	4960	4666	4986	4871	3.65	cps
Cadmium	106-1	6752	6393	6835	6660	3.52	cps
Cadmium	108-1	42	38	33	38	11.12	cps
Calcium	43-1	717	542	558	606	15.95	cps
Calcium	44-1	18771	18229	17770	18257	2.75	cps
Chromium	52-2	1723	1877	1823	1808	4.31	cps
Cobalt	59-2	153	153	163	157	3.69	cps
Copper	63-2	2137	2130	2144	2137	0.31	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	58	83	64	27.15	cps
Erbium	164-2	30	23	30	28	13.86	cps
Gadolinium	160-1	150	125	108	128	16.41	cps
Gadolinium	160-2	257	300	327	294	12.00	cps
Holmium	165-1	22419154	22216308	22855337	22496933	1.45	cps
Holmium	165-2	11244593	11387216	11437037	11356282	0.88	cps
Indium	115-1	16182437	15993599	16438403	16204813	1.38	cps
Indium	115-2	3003455	3020671	3059680	3027936	0.95	cps
Iron	56-2	22329	22128	23069	22508	2.20	cps
Iron	57-2	461	478	494	478	3.49	cps
Krypton	83-1	723	663	693	693	4.33	cps
Lead	206-1	2006	1972	1989	1989	0.84	cps
Lead	207-1	1922	1761	1678	1787	6.95	cps
Lead	208-1	8223	8051	7768	8014	2.87	cps
Lithium	6-1	5180665	5147212	5264372	5197416	1.16	cps
Magnesium	24-2	2925	3234	3342	3167	6.83	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : CCB81 Instrumnet Name : P7
 Client Sample ID : CCB81 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:39:10 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120	130	130	127	4.56	cps
Molybdenum	94-1	2509	1917	1942	2122	15.77	cps
Molybdenum	95-1	3334	2867	2450	2884	15.33	cps
Molybdenum	96-1	3501	3075	3217	3264	6.63	cps
Molybdenum	97-1	1909	1567	1550	1675	12.08	cps
Molybdenum	98-1	5076	4284	4267	4543	10.17	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	120	160	153	144	14.84	cps
Phosphorus	31-2	367	267	358	331	16.79	cps
Potassium	39-2	29981	29338	29488	29602	1.14	cps
Rhodium	103-1	14876166	14683639	15031226	14863677	1.17	cps
Rhodium	103-2	7228209	7249820	7274809	7250946	0.32	cps
Scandium	45-1	10052308	9972075	10182803	10069062	1.06	cps
Scandium	45-2	436437	444960	449263	443553	1.47	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	93	102	98	98	4.78	cps
Selenium	82-1	61	166	129	119	45.19	cps
Silicon	28-1	422541	415672	414236	417483	1.06	cps
Silver	109-1	875	850	850	858	1.68	cps
Silver	107-1	1000	942	1067	1003	6.24	cps
Sodium	23-2	52727	52159	52409	52432	0.54	cps
Strontium	86-1	1200	1208	1125	1178	3.90	cps
Strontium	88-1	1133	1033	917	1028	10.55	cps
Sulfur	34-1	526679	523723	519146	523183	0.73	cps
Terbium	159-1	22790186	22574576	23113720	22826161	1.19	cps
Terbium	159-2	11107746	11194657	11263814	11188739	0.70	cps
Thallium	203-1	3342	3184	2625	3050	12.34	cps
Thallium	205-1	7536	6719	7144	7133	5.73	cps
Thorium	232-1	5868	4784	4662	5105	13.00	cps
Tin	118-1	2425	2142	2417	2328	6.93	cps
Titanium	47-1	492	392	417	433	12.01	cps
Uranium	238-1	1175	867	892	978	17.52	cps
Vanadium	51-2	57	57	43	52	14.75	cps
Yttrium	89-1	16065784	15985495	16138506	16063262	0.48	cps
Yttrium	89-2	2217377	2246323	2253293	2238998	0.85	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P7
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:39:10	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	410	423	453	429	5.18	cps
Zirconium	90-1	1650	1567	1659	1625	3.12	cps
Zirconium	91-1	333	450	417	400	15.02	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-05LX5 Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115L Dilution Factor : 5
 Date & Time Acquired :: 2019-01-22 14:42:45 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	283	217	242	15.03	cps
Antimony	121-1	1117	983	1092	1064	6.66	cps
Arsenic	75-2	11492	11707	11282	11493	1.85	cps
Barium	135-1	513211	511750	512433	512465	0.14	cps
Barium	137-1	891549	893061	900114	894908	0.51	cps
Beryllium	9-1	240	183	197	207	14.34	cps
Bismuth	209-1	14176721	14235564	14256427	14222904	0.29	cps
Bismuth	209-2	7939829	7838828	7873977	7884212	0.65	cps
Boron	10-1	102899	103503	102815	103072	0.36	cps
Boron	11-1	486655	485852	488550	487019	0.28	cps
Cadmium	111-1	4812	4871	5161	4948	3.77	cps
Cadmium	106-1	6643	6777	7269	6896	4.78	cps
Cadmium	108-1	25	21	33	26	24.12	cps
Calcium	43-1	1041361	1034148	1042824	1039444	0.45	cps
Calcium	44-1	17203009	17309194	17096025	17202743	0.62	cps
Chromium	52-2	2150	2114	2327	2197	5.19	cps
Cobalt	59-2	837	823	820	827	1.07	cps
Copper	63-2	8332	8686	8726	8582	2.52	cps
Dysprosium	156-1	33	8	42	28	62.46	cps
Dysprosium	156-2	7	17	33	19	71.30	cps
Erbium	164-1	50	58	125	78	52.85	cps
Erbium	164-2	60	47	43	50	17.64	cps
Gadolinium	160-1	108	75	133	106	27.73	cps
Gadolinium	160-2	227	247	283	252	11.39	cps
Holmium	165-1	22361739	22782861	22477215	22540605	0.97	cps
Holmium	165-2	11369007	11280759	11326215	11325327	0.39	cps
Indium	115-1	16324680	16235841	16193710	16251410	0.41	cps
Indium	115-2	2979000	2980061	2992455	2983839	0.25	cps
Iron	56-2	6108682	6052923	6084822	6082142	0.46	cps
Iron	57-2	148096	146884	147982	147654	0.45	cps
Krypton	83-1	753	733	573	687	14.37	cps
Lead	206-1	4445	4629	4329	4468	3.39	cps
Lead	207-1	3923	3795	3678	3799	3.22	cps
Lead	208-1	17427	17394	17277	17366	0.45	cps
Lithium	6-1	5160611	5216926	5168913	5182150	0.59	cps
Magnesium	24-2	1353741	1345645	1357806	1352397	0.46	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05LX5	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-22 14:42:45	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	284600	279727	286370	283566	1.21	cps
Molybdenum	94-1	4434	4843	5026	4768	6.35	cps
Molybdenum	95-1	7652	7661	7361	7558	2.26	cps
Molybdenum	96-1	8203	8336	8311	8283	0.86	cps
Molybdenum	97-1	4709	4301	4734	4581	5.31	cps
Molybdenum	98-1	12373	12264	11805	12147	2.48	cps
Neodymium	150-1	40	27	47	38	26.95	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	15241	15171	15178	15197	0.25	cps
Phosphorus	31-2	492	467	492	483	2.99	cps
Potassium	39-2	119159	121771	121688	120873	1.23	cps
Rhodium	103-1	14542535	14665119	14658157	14621937	0.47	cps
Rhodium	103-2	7105419	7075012	7101972	7094134	0.23	cps
Scandium	45-1	10055553	10147286	10150868	10117902	0.53	cps
Scandium	45-2	441094	439487	444784	441788	0.61	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	107	57	89	85	29.89	cps
Selenium	82-1	101	119	330	183	69.66	cps
Silicon	28-1	33702149	33403372	32958419	33354647	1.12	cps
Silver	109-1	358	392	292	347	14.66	cps
Silver	107-1	450	500	333	428	19.99	cps
Sodium	23-2	11244368	11220370	11198132	11220957	0.21	cps
Strontium	86-1	478076	480449	477112	478546	0.36	cps
Strontium	88-1	4170054	4182313	4180575	4177647	0.16	cps
Sulfur	34-1	527943	518432	515050	520475	1.28	cps
Terbium	159-1	22851617	22992907	23006240	22950255	0.37	cps
Terbium	159-2	11117381	11095797	11264220	11159133	0.82	cps
Thallium	203-1	2259	2367	2100	2242	5.98	cps
Thallium	205-1	5385	5226	5310	5307	1.49	cps
Thorium	232-1	2456	2734	2411	2534	6.89	cps
Tin	118-1	2917	3342	2975	3078	7.49	cps
Titanium	47-1	950	942	908	933	2.36	cps
Uranium	238-1	158	275	217	217	26.92	cps
Vanadium	51-2	153	190	200	181	13.56	cps
Yttrium	89-1	16019406	16117268	16017969	16051548	0.35	cps
Yttrium	89-2	2228477	2230085	2235674	2231412	0.17	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05LX5	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-22 14:42:45	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5568	5571	5431	5523	1.45	cps
Zirconium	90-1	1884	1667	1892	1814	7.03	cps
Zirconium	91-1	442	350	417	403	11.77	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-06 Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115MS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:46:21 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2379140	2364386	2417460	2386995	1.15	cps
Antimony	121-1	8802541	8862354	8857605	8840833	0.38	cps
Arsenic	75-2	358031	364058	368765	363618	1.48	cps
Barium	135-1	14744910	15019827	14911623	14892120	0.93	cps
Barium	137-1	25954835	25952580	26074201	25993872	0.27	cps
Beryllium	9-1	2469175	2497023	2490676	2485625	0.59	cps
Bismuth	209-1	12369795	12106601	12724889	12400429	2.50	cps
Bismuth	209-2	7462089	6829320	6950518	7080642	4.74	cps
Boron	10-1	948957	974372	986588	969972	1.98	cps
Boron	11-1	4481329	4658996	4655826	4598717	2.21	cps
Cadmium	111-1	2654993	2691672	2678249	2674971	0.69	cps
Cadmium	106-1	305517	309915	310795	308742	0.92	cps
Cadmium	108-1	207475	211319	211553	210116	1.09	cps
Calcium	43-1	8017718	8112989	8124465	8085057	0.72	cps
Calcium	44-1	131219428	133579540	131739311	132179427	0.94	cps
Chromium	52-2	3008021	3062465	3102174	3057553	1.55	cps
Cobalt	59-2	5035608	5068663	5166536	5090269	1.34	cps
Copper	63-2	7230042	7320801	7369385	7306743	0.97	cps
Dysprosium	156-1	233	200	175	203	14.43	cps
Dysprosium	156-2	190	163	247	200	21.28	cps
Erbium	164-1	125	175	142	147	17.29	cps
Erbium	164-2	60	63	20	48	50.47	cps
Gadolinium	160-1	125	158	142	142	11.76	cps
Gadolinium	160-2	317	267	263	282	10.59	cps
Holmium	165-1	21102427	20762285	21656315	21173676	2.13	cps
Holmium	165-2	11628804	10639439	10797861	11022035	4.82	cps
Indium	115-1	14469237	14137216	14770496	14458983	2.19	cps
Indium	115-2	2945786	2705949	2798272	2816669	4.29	cps
Iron	56-2	168031220	169209415	170925793	169388809	0.86	cps
Iron	57-2	4070527	4131045	4163117	4121563	1.14	cps
Krypton	83-1	580	597	800	659	18.59	cps
Lead	206-1	8865441	8948982	8866212	8893545	0.54	cps
Lead	207-1	7571086	7647559	7579362	7599336	0.55	cps
Lead	208-1	34659265	34860207	34670189	34729887	0.33	cps
Lithium	6-1	4800808	4727229	4891403	4806480	1.71	cps
Magnesium	24-2	33541157	33782891	34155378	33826475	0.91	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-06 Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115MS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:46:21 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5244175	5306495	5392098	5314256	1.40	cps
Molybdenum	94-1	20281645	20350407	20371962	20334671	0.23	cps
Molybdenum	95-1	24600511	24767138	24881708	24749786	0.57	cps
Molybdenum	96-1	27313218	27271615	27594401	27393078	0.64	cps
Molybdenum	97-1	15444695	15386006	15508906	15446535	0.40	cps
Molybdenum	98-1	39778190	39890792	39797246	39822076	0.15	cps
Neodymium	150-1	1153	1273	1167	1198	5.49	cps
Neodymium	150-2	157	100	107	121	25.57	cps
Nickel	60-2	1366072	1396566	1412604	1391748	1.70	cps
Phosphorus	31-2	1150	1083	1367	1200	12.35	cps
Potassium	39-2	11964448	12087677	12248646	12100257	1.18	cps
Rhodium	103-1	12963381	12637847	13203621	12934950	2.20	cps
Rhodium	103-2	6851923	6220732	6341734	6471463	5.18	cps
Scandium	45-1	9408755	9230302	9577793	9405616	1.85	cps
Scandium	45-2	456656	420083	430351	435697	4.33	cps
Selenium	77-2	9230	9163	9470	9288	1.74	cps
Selenium	78-2	30883	31564	31961	31469	1.73	cps
Selenium	82-1	202875	206156	206154	205061	0.92	cps
Silicon	28-1	159120858	160956054	159729241	159935384	0.58	cps
Silver	109-1	502686	323543	344539	390256	25.09	cps
Silver	107-1	353321	357301	789866	500163	50.16	cps
Sodium	23-2	102817744	103076696	104595004	103496481	0.93	cps
Strontium	86-1	5398996	5494479	5520722	5471399	1.17	cps
Strontium	88-1	47562558	48149563	48137857	47949993	0.70	cps
Sulfur	34-1	512521	511494	506713	510243	0.61	cps
Terbium	159-1	21265576	21081361	21916898	21421278	2.05	cps
Terbium	159-2	11320322	10368920	10584008	10757750	4.64	cps
Thallium	203-1	11122813	11279416	11175736	11192655	0.71	cps
Thallium	205-1	26498484	26762765	26433693	26564981	0.66	cps
Thorium	232-1	6435	5612	5346	5798	9.79	cps
Tin	118-1	8571787	8650428	8602590	8608268	0.46	cps
Titanium	47-1	7098622	7100455	7100587	7099888	0.02	cps
Uranium	238-1	35461425	35889521	35902255	35751067	0.70	cps
Vanadium	51-2	2440257	2488157	2522539	2483651	1.66	cps
Yttrium	89-1	14923948	14582075	15129180	14878401	1.86	cps
Yttrium	89-2	2296179	2098656	2158476	2184437	4.64	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-06	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:46:21	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1058060	1073905	1089359	1073775	1.46	cps
Zirconium	90-1	16983349	17174002	16998482	17051944	0.62	cps
Zirconium	91-1	3757659	3794442	3766115	3772739	0.51	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-07 Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115MS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:50:03 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2353608	2358478	2336736	2349608	0.49	cps
Antimony	121-1	8780891	8842305	8767879	8797025	0.45	cps
Arsenic	75-2	361379	363190	359020	361196	0.58	cps
Barium	135-1	14775387	14920297	14939603	14878429	0.60	cps
Barium	137-1	25949957	26136222	26216818	26100999	0.52	cps
Beryllium	9-1	2449704	2470947	2484260	2468304	0.71	cps
Bismuth	209-1	12465281	12632621	12570803	12556235	0.67	cps
Bismuth	209-2	7027503	7022880	6840406	6963596	1.53	cps
Boron	10-1	965629	984966	992432	981009	1.41	cps
Boron	11-1	4573479	4669966	4733596	4659014	1.73	cps
Cadmium	111-1	2664194	2705656	2693668	2687839	0.79	cps
Cadmium	106-1	307158	311405	312725	310429	0.94	cps
Cadmium	108-1	209897	209839	210628	210121	0.21	cps
Calcium	43-1	8117935	8092741	8159029	8123235	0.41	cps
Calcium	44-1	133269715	132056257	133372832	132899602	0.55	cps
Chromium	52-2	3058064	3066841	3051267	3058724	0.26	cps
Cobalt	59-2	5078796	5133646	5053214	5088552	0.81	cps
Copper	63-2	7344792	7334000	7272425	7317072	0.53	cps
Dysprosium	156-1	292	142	183	206	37.67	cps
Dysprosium	156-2	177	220	173	190	13.70	cps
Erbium	164-1	117	125	150	131	13.29	cps
Erbium	164-2	67	70	43	60	24.22	cps
Gadolinium	160-1	217	233	167	206	16.88	cps
Gadolinium	160-2	253	297	280	277	7.90	cps
Holmium	165-1	21435313	21637925	21636104	21569781	0.54	cps
Holmium	165-2	10998706	11050419	10757910	10935678	1.43	cps
Indium	115-1	14754169	14803327	14834115	14797204	0.27	cps
Indium	115-2	2793364	2834195	2755632	2794397	1.41	cps
Iron	56-2	170087804	171448793	168757470	170098022	0.79	cps
Iron	57-2	4104992	4150864	4076579	4110811	0.91	cps
Krypton	83-1	670	647	687	668	3.01	cps
Lead	206-1	8868130	8806011	8881780	8851974	0.46	cps
Lead	207-1	7543165	7554032	7581224	7559474	0.26	cps
Lead	208-1	34431515	34295107	34552341	34426321	0.37	cps
Lithium	6-1	4833056	4888245	4897616	4872972	0.72	cps
Magnesium	24-2	33746338	33637148	33393520	33592335	0.54	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-07 Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115MS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:50:03 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5319500	5378137	5288513	5328717	0.85	cps
Molybdenum	94-1	20096412	20112257	20347787	20185486	0.70	cps
Molybdenum	95-1	24607251	24554027	24670627	24610635	0.24	cps
Molybdenum	96-1	27232993	27240206	27206817	27226672	0.06	cps
Molybdenum	97-1	15215542	15337286	15465321	15339383	0.81	cps
Molybdenum	98-1	39470468	39985650	39770249	39742122	0.65	cps
Neodymium	150-1	1280	1227	1213	1240	2.85	cps
Neodymium	150-2	110	143	127	127	13.16	cps
Nickel	60-2	1380006	1393071	1366357	1379811	0.97	cps
Phosphorus	31-2	1308	1192	1067	1189	10.17	cps
Potassium	39-2	12064134	12197016	11918744	12059965	1.15	cps
Rhodium	103-1	13039396	13145185	13277775	13154119	0.91	cps
Rhodium	103-2	6444008	6476392	6329947	6416782	1.20	cps
Scandium	45-1	9506323	9652805	9678868	9612665	0.97	cps
Scandium	45-2	434703	437476	423557	431912	1.71	cps
Selenium	77-2	9280	9387	9457	9374	0.95	cps
Selenium	78-2	31172	31621	30577	31123	1.68	cps
Selenium	82-1	205608	206660	206170	206146	0.26	cps
Silicon	28-1	158729758	160767049	160564145	160020317	0.70	cps
Silver	109-1	330258	669049	345974	448427	42.64	cps
Silver	107-1	356118	631717	367000	451612	34.56	cps
Sodium	23-2	104475548	104303744	103461102	104080131	0.52	cps
Strontium	86-1	5496322	5462055	5507861	5488746	0.43	cps
Strontium	88-1	48066353	47944198	48223956	48078169	0.29	cps
Sulfur	34-1	501308	498533	499165	499669	0.29	cps
Terbium	159-1	21765956	22035694	21924921	21908857	0.62	cps
Terbium	159-2	10747227	10763093	10478552	10662957	1.50	cps
Thallium	203-1	10945005	11127550	11126049	11066201	0.95	cps
Thallium	205-1	26176150	26452268	26442268	26356896	0.59	cps
Thorium	232-1	3112	3067	2923	3034	3.26	cps
Tin	118-1	8579814	8532796	8568096	8560235	0.29	cps
Titanium	47-1	7140398	7090125	7191374	7140632	0.71	cps
Uranium	238-1	35065408	35326344	35554185	35315312	0.69	cps
Vanadium	51-2	2482888	2488359	2457398	2476215	0.67	cps
Yttrium	89-1	15060573	15253360	15262402	15192112	0.75	cps
Yttrium	89-2	2176030	2192782	2123996	2164269	1.66	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-07	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:50:03	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1065349	1074511	1063577	1067812	0.55	cps
Zirconium	90-1	16990374	17020809	16961358	16990847	0.17	cps
Zirconium	91-1	3756501	3777034	3791568	3775034	0.47	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05A	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:53:48	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2402451	2403502	2403866	2403273	0.03	cps
Antimony	121-1	8861796	8845127	8937564	8881495	0.55	cps
Arsenic	75-2	366425	366684	365924	366345	0.11	cps
Barium	135-1	15038355	14878041	15120776	15012391	0.82	cps
Barium	137-1	26372224	26258013	26423788	26351341	0.32	cps
Beryllium	9-1	2474810	2503986	2515765	2498187	0.84	cps
Bismuth	209-1	12561835	12685211	12618748	12621932	0.49	cps
Bismuth	209-2	7055305	7063129	6981849	7033428	0.64	cps
Boron	10-1	976755	994039	1010269	993688	1.69	cps
Boron	11-1	4643009	4727164	4772937	4714370	1.40	cps
Cadmium	111-1	2690558	2693561	2726649	2703589	0.74	cps
Cadmium	106-1	309205	312752	313280	311746	0.71	cps
Cadmium	108-1	207086	210506	213479	210357	1.52	cps
Calcium	43-1	8099490	8113908	8218444	8143947	0.80	cps
Calcium	44-1	133454724	132414070	134160170	133342988	0.66	cps
Chromium	52-2	3084714	3101285	3060846	3082282	0.66	cps
Cobalt	59-2	5139547	5113790	5111478	5121605	0.30	cps
Copper	63-2	7430302	7392666	7322291	7381753	0.74	cps
Dysprosium	156-1	242	183	258	228	17.29	cps
Dysprosium	156-2	180	220	167	189	14.70	cps
Erbium	164-1	150	108	158	139	19.29	cps
Erbium	164-2	57	57	60	58	3.33	cps
Gadolinium	160-1	217	183	167	189	13.48	cps
Gadolinium	160-2	277	260	280	272	3.94	cps
Holmium	165-1	21600426	21841417	22135063	21858969	1.22	cps
Holmium	165-2	11018868	11096629	11087575	11067691	0.38	cps
Indium	115-1	14710119	14881271	14826274	14805888	0.59	cps
Indium	115-2	2797243	2867727	2825235	2830068	1.25	cps
Iron	56-2	171621404	170662537	168575298	170286413	0.91	cps
Iron	57-2	4155030	4179784	4179782	4171532	0.34	cps
Krypton	83-1	717	623	697	679	7.24	cps
Lead	206-1	8875717	8925177	8922000	8907631	0.31	cps
Lead	207-1	7550863	7584577	7644406	7593282	0.62	cps
Lead	208-1	34689728	34775596	34777534	34747619	0.14	cps
Lithium	6-1	4885719	4902019	4929203	4905647	0.45	cps
Magnesium	24-2	34581248	34385962	34210266	34392492	0.54	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1168-05A Instrumnet Name : P7
 Client Sample ID : SS038RW150-190115A Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 14:53:48 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5356717	5459312	5352935	5389655	1.12	cps
Molybdenum	94-1	20230056	20129396	20407050	20255501	0.69	cps
Molybdenum	95-1	24674328	24998175	24857793	24843432	0.65	cps
Molybdenum	96-1	27317239	27466964	27515785	27433329	0.38	cps
Molybdenum	97-1	15469469	15594305	15538502	15534092	0.40	cps
Molybdenum	98-1	39641206	40153234	40047152	39947197	0.68	cps
Neodymium	150-1	1167	1293	1340	1267	7.08	cps
Neodymium	150-2	110	83	110	101	15.23	cps
Nickel	60-2	1393788	1390648	1388154	1390864	0.20	cps
Phosphorus	31-2	1242	1150	1133	1175	4.97	cps
Potassium	39-2	12262170	12230448	12226457	12239692	0.16	cps
Rhodium	103-1	13065006	13251979	13315584	13210856	0.99	cps
Rhodium	103-2	6500222	6531413	6472844	6501493	0.45	cps
Scandium	45-1	9674160	9786458	9743337	9734652	0.58	cps
Scandium	45-2	437343	441842	437838	439008	0.56	cps
Selenium	77-2	9567	9283	9607	9485	1.86	cps
Selenium	78-2	31555	31651	31837	31681	0.45	cps
Selenium	82-1	204671	207021	209190	206961	1.09	cps
Silicon	28-1	159264966	161764608	161830179	160953251	0.91	cps
Silver	109-1	337119	508990	404107	416739	20.79	cps
Silver	107-1	360472	370921	376103	369165	2.16	cps
Sodium	23-2	106269357	105781186	104388196	105479579	0.93	cps
Strontium	86-1	5464652	5601094	5540369	5535372	1.23	cps
Strontium	88-1	48016631	48600794	48515418	48377614	0.65	cps
Sulfur	34-1	496568	498642	501433	498881	0.49	cps
Terbium	159-1	21874102	22059636	22023209	21985649	0.45	cps
Terbium	159-2	10769281	10827516	10807179	10801325	0.27	cps
Thallium	203-1	11063357	11163858	11244222	11157145	0.81	cps
Thallium	205-1	26262216	26590910	26608371	26487166	0.74	cps
Thorium	232-1	2189	2000	1967	2052	5.84	cps
Tin	118-1	8571611	8602270	8647947	8607276	0.45	cps
Titanium	47-1	7197397	7218508	7218989	7211631	0.17	cps
Uranium	238-1	35552584	35530370	35863691	35648882	0.52	cps
Vanadium	51-2	2492854	2506784	2492465	2497368	0.33	cps
Yttrium	89-1	14977611	15354958	15395872	15242814	1.51	cps
Yttrium	89-2	2171351	2200426	2184311	2185363	0.67	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-05A	Instrumnet Name :	P7
Client Sample ID :	SS038RW150-190115A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:53:48	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1078991	1075300	1080992	1078427	0.27	cps
Zirconium	90-1	17063700	17011848	17233015	17102854	0.68	cps
Zirconium	91-1	3764664	3782083	3817334	3788027	0.71	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:57:31	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1900	1492	1725	1706	12.01	cps
Antimony	121-1	2975	2725	2759	2820	4.81	cps
Arsenic	75-2	51418	50576	51742	51245	1.17	cps
Barium	135-1	1351484	1347240	1350060	1349594	0.16	cps
Barium	137-1	2369848	2366141	2367551	2367847	0.08	cps
Beryllium	9-1	800	840	790	810	3.27	cps
Bismuth	209-1	13322925	12830134	13303131	13152064	2.12	cps
Bismuth	209-2	7362623	7386146	7443038	7397269	0.56	cps
Boron	10-1	288376	286069	288050	287498	0.43	cps
Boron	11-1	1378906	1380486	1375015	1378136	0.20	cps
Cadmium	111-1	5194	4970	5679	5281	6.86	cps
Cadmium	106-1	6352	6127	7152	6543	8.24	cps
Cadmium	108-1	63	92	88	81	19.58	cps
Calcium	43-1	5891363	5883554	5827011	5867309	0.60	cps
Calcium	44-1	96687327	95110885	95930094	95909435	0.82	cps
Chromium	52-2	5151	4974	5034	5053	1.78	cps
Cobalt	59-2	2770	2740	2554	2688	4.37	cps
Copper	63-2	4344	4337	4297	4326	0.58	cps
Dysprosium	156-1	92	75	58	75	22.22	cps
Dysprosium	156-2	63	60	73	66	10.59	cps
Erbium	164-1	158	142	158	153	6.30	cps
Erbium	164-2	53	53	73	60	19.25	cps
Gadolinium	160-1	275	75	233	194	54.27	cps
Gadolinium	160-2	300	283	300	294	3.27	cps
Holmium	165-1	21641615	21373509	21940726	21651950	1.31	cps
Holmium	165-2	11073152	11100734	11159304	11111063	0.40	cps
Indium	115-1	15466451	15014961	15481317	15320910	1.73	cps
Indium	115-2	2888271	2873524	2909144	2890313	0.62	cps
Iron	56-2	36396033	36262713	36174177	36277641	0.31	cps
Iron	57-2	880853	880325	885623	882267	0.33	cps
Krypton	83-1	677	717	723	706	3.58	cps
Lead	206-1	24880	24039	24512	24477	1.72	cps
Lead	207-1	20511	19715	20717	20315	2.60	cps
Lead	208-1	94199	92390	94618	93736	1.26	cps
Lithium	6-1	5004993	4935310	5019418	4986574	0.90	cps
Magnesium	24-2	7140316	7053619	7059075	7084337	0.69	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:57:31	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	982426	982384	979772	981527	0.15	cps
Molybdenum	94-1	20666	20482	19564	20237	2.92	cps
Molybdenum	95-1	33415	31945	30809	32056	4.08	cps
Molybdenum	96-1	35579	35144	34200	34975	2.02	cps
Molybdenum	97-1	20624	20515	19506	20215	3.05	cps
Molybdenum	98-1	51996	53133	50859	51996	2.19	cps
Neodymium	150-1	347	200	187	244	36.32	cps
Neodymium	150-2	37	47	63	49	27.55	cps
Nickel	60-2	2560	2560	2524	2548	0.83	cps
Phosphorus	31-2	967	725	867	853	14.24	cps
Potassium	39-2	637202	631182	630595	632993	0.58	cps
Rhodium	103-1	13782301	13422227	13738819	13647782	1.44	cps
Rhodium	103-2	6747003	6703945	6812319	6754422	0.81	cps
Scandium	45-1	9764409	9437780	9724326	9642172	1.85	cps
Scandium	45-2	430830	430640	435646	432372	0.66	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	94	85	113	98	14.50	cps
Selenium	82-1	572	564	522	553	4.78	cps
Silicon	28-1	140066570	139746903	140021395	139944956	0.12	cps
Silver	109-1	1842	2234	2742	2273	19.86	cps
Silver	107-1	1984	2584	3201	2589	23.50	cps
Sodium	23-2	35863383	35834115	35920082	35872527	0.12	cps
Strontium	86-1	3183095	3205556	3219082	3202578	0.57	cps
Strontium	88-1	28270980	28285591	27955749	28170773	0.66	cps
Sulfur	34-1	500918	505922	505798	504213	0.57	cps
Terbium	159-1	22146862	21621459	22265797	22011373	1.56	cps
Terbium	159-2	10843042	10827357	10823642	10831347	0.10	cps
Thallium	203-1	5401	5518	5360	5426	1.51	cps
Thallium	205-1	13708	13316	13591	13538	1.49	cps
Thorium	232-1	606	522	489	539	11.15	cps
Tin	118-1	3759	3559	3034	3451	10.85	cps
Titanium	47-1	3909	3984	4101	3998	2.42	cps
Uranium	238-1	6660	6577	6102	6446	4.68	cps
Vanadium	51-2	1097	987	947	1010	7.69	cps
Yttrium	89-1	15430456	15037450	15388274	15285393	1.41	cps
Yttrium	89-2	2174624	2158902	2185925	2173151	0.62	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 14:57:31	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7089	7145	7078	7104	0.51	cps
Zirconium	90-1	5693	5551	5493	5579	1.84	cps
Zirconium	91-1	1525	1500	1142	1389	15.44	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-09	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:01:10	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667	850	667	728	14.54	cps
Antimony	121-1	1200	1275	1525	1333	12.76	cps
Arsenic	75-2	92790	92357	91780	92309	0.55	cps
Barium	135-1	1458688	1453658	1458290	1456879	0.19	cps
Barium	137-1	2564016	2532527	2565209	2553917	0.73	cps
Beryllium	9-1	327	420	367	371	12.62	cps
Bismuth	209-1	12947054	13272682	13226260	13148665	1.34	cps
Bismuth	209-2	7359605	7363859	7306122	7343196	0.44	cps
Boron	10-1	607463	627125	627135	620574	1.83	cps
Boron	11-1	2857471	2909493	2931973	2899646	1.32	cps
Cadmium	111-1	4759	5169	4853	4927	4.36	cps
Cadmium	106-1	6435	7085	6585	6702	5.08	cps
Cadmium	108-1	71	17	33	40	68.88	cps
Calcium	43-1	6843025	6875760	6832250	6850345	0.33	cps
Calcium	44-1	112346590	113361411	112673011	112793671	0.46	cps
Chromium	52-2	4941	5001	5068	5003	1.27	cps
Cobalt	59-2	1630	1597	1620	1616	1.06	cps
Copper	63-2	3621	3624	3631	3625	0.14	cps
Dysprosium	156-1	58	58	150	89	59.54	cps
Dysprosium	156-2	43	50	43	46	8.45	cps
Erbium	164-1	125	167	150	147	14.24	cps
Erbium	164-2	47	40	43	43	7.70	cps
Gadolinium	160-1	142	175	175	164	11.74	cps
Gadolinium	160-2	317	373	257	316	18.49	cps
Holmium	165-1	21483675	21867245	21851974	21734298	1.00	cps
Holmium	165-2	11108483	11159692	11048522	11105566	0.50	cps
Indium	115-1	15129681	15339348	15352546	15273858	0.82	cps
Indium	115-2	2891309	2904227	2866513	2887350	0.66	cps
Iron	56-2	27208748	27076676	26802275	27029233	0.77	cps
Iron	57-2	667629	668933	666839	667800	0.16	cps
Krypton	83-1	630	657	673	653	3.35	cps
Lead	206-1	7475	7808	7958	7747	3.20	cps
Lead	207-1	5952	6474	6146	6191	4.27	cps
Lead	208-1	28596	29336	28935	28956	1.28	cps
Lithium	6-1	4913069	4982791	4973100	4956320	0.76	cps
Magnesium	24-2	7295648	7236959	7238345	7256984	0.46	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-09	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:01:10	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1469918	1475568	1443331	1462939	1.18	cps
Molybdenum	94-1	5501	5084	5443	5343	4.22	cps
Molybdenum	95-1	7661	7853	7269	7594	3.92	cps
Molybdenum	96-1	8444	8361	8186	8331	1.58	cps
Molybdenum	97-1	4393	4726	4684	4601	3.95	cps
Molybdenum	98-1	11989	11589	11822	11800	1.70	cps
Neodymium	150-1	207	160	167	178	14.20	cps
Neodymium	150-2	30	37	33	33	10.01	cps
Nickel	60-2	14681	14451	14427	14520	0.97	cps
Phosphorus	31-2	833	1208	1308	1117	22.43	cps
Potassium	39-2	555850	555714	555855	555807	0.01	cps
Rhodium	103-1	13553223	13710827	13765951	13676667	0.81	cps
Rhodium	103-2	6730876	6783562	6626608	6713682	1.19	cps
Scandium	45-1	9567258	9803481	9717970	9696236	1.23	cps
Scandium	45-2	431062	433895	431784	432247	0.34	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	111	98	102	104	6.44	cps
Selenium	82-1	437	408	491	445	9.50	cps
Silicon	28-1	167880612	168691866	168748454	168440311	0.29	cps
Silver	109-1	2100	2742	3000	2614	17.73	cps
Silver	107-1	2492	2859	3326	2892	14.45	cps
Sodium	23-2	46028007	45618823	45885824	45844218	0.45	cps
Strontium	86-1	2575106	2586094	2594809	2585336	0.38	cps
Strontium	88-1	22557505	22724460	22583074	22621680	0.40	cps
Sulfur	34-1	533474	535084	540919	536492	0.73	cps
Terbium	159-1	21924735	22151810	22227414	22101319	0.71	cps
Terbium	159-2	10779866	10887063	10819464	10828797	0.50	cps
Thallium	203-1	2892	2850	3034	2925	3.29	cps
Thallium	205-1	6986	6919	7286	7063	2.77	cps
Thorium	232-1	383	478	439	433	10.95	cps
Tin	118-1	1825	1700	1750	1759	3.58	cps
Titanium	47-1	3692	3376	3559	3542	4.49	cps
Uranium	238-1	733	867	1108	903	21.06	cps
Vanadium	51-2	2827	2584	2674	2695	4.57	cps
Yttrium	89-1	15260981	15540727	15441109	15414272	0.92	cps
Yttrium	89-2	2166880	2185810	2168391	2173694	0.48	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-09	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:01:10	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10941	11448	11361	11250	2.41	cps
Zirconium	90-1	2942	3259	3025	3076	5.34	cps
Zirconium	91-1	1200	1217	1008	1142	10.14	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-10	Instrumnet Name :	P7
Client Sample ID :	DUP-0500-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:04:48	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492	592	475	519	12.15	cps
Antimony	121-1	1175	742	1100	1006	23.03	cps
Arsenic	75-2	49894	50697	50011	50201	0.86	cps
Barium	135-1	1158571	1158032	1145657	1154087	0.63	cps
Barium	137-1	2017565	2029344	1996019	2014310	0.84	cps
Beryllium	9-1	347	253	233	278	21.78	cps
Bismuth	209-1	13149645	13433579	13323429	13302218	1.08	cps
Bismuth	209-2	7327458	7369653	7358633	7351915	0.30	cps
Boron	10-1	290225	293685	294300	292737	0.75	cps
Boron	11-1	1380223	1401887	1404521	1395544	0.96	cps
Cadmium	111-1	4627	4976	4764	4789	3.67	cps
Cadmium	106-1	6443	6960	6652	6685	3.89	cps
Cadmium	108-1	29	42	54	42	30.00	cps
Calcium	43-1	5232898	5307162	5242900	5260987	0.77	cps
Calcium	44-1	86393139	86723789	85777239	86298056	0.56	cps
Chromium	52-2	3971	3904	3937	3937	0.85	cps
Cobalt	59-2	1237	1327	1230	1265	4.27	cps
Copper	63-2	3060	2794	2947	2934	4.56	cps
Dysprosium	156-1	75	100	83	86	14.79	cps
Dysprosium	156-2	43	33	13	30	50.92	cps
Erbium	164-1	133	92	33	86	58.34	cps
Erbium	164-2	40	40	50	43	13.32	cps
Gadolinium	160-1	117	183	142	147	22.88	cps
Gadolinium	160-2	243	260	253	252	3.33	cps
Holmium	165-1	21770655	22316121	22189597	22092124	1.29	cps
Holmium	165-2	11000951	10998186	11076470	11025202	0.40	cps
Indium	115-1	15328348	15557189	15614135	15499891	0.98	cps
Indium	115-2	2862775	2882106	2861641	2868841	0.40	cps
Iron	56-2	34225285	34065951	34330544	34207260	0.39	cps
Iron	57-2	828156	831019	835176	831450	0.42	cps
Krypton	83-1	657	667	790	704	10.54	cps
Lead	206-1	5718	5790	5674	5727	1.03	cps
Lead	207-1	4356	4529	4845	4577	5.42	cps
Lead	208-1	21152	21524	21624	21433	1.16	cps
Lithium	6-1	4925955	5008075	4985158	4973063	0.85	cps
Magnesium	24-2	6437062	6395061	6432489	6421537	0.36	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-10	Instrumnet Name :	P7
Client Sample ID :	DUP-0500-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:04:48	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1682504	1690141	1680999	1684548	0.29	cps
Molybdenum	94-1	16110	16702	16302	16371	1.85	cps
Molybdenum	95-1	29089	29005	28688	28927	0.73	cps
Molybdenum	96-1	31820	30767	30567	31052	2.17	cps
Molybdenum	97-1	17862	17445	17537	17614	1.25	cps
Molybdenum	98-1	45022	45264	45306	45198	0.34	cps
Neodymium	150-1	120	107	100	109	9.35	cps
Neodymium	150-2	23	37	13	24	47.91	cps
Nickel	60-2	4181	4504	4167	4284	4.45	cps
Phosphorus	31-2	1025	975	867	956	8.47	cps
Potassium	39-2	576675	577065	586931	580224	1.00	cps
Rhodium	103-1	13639750	13850412	13934649	13808270	1.10	cps
Rhodium	103-2	6648205	6724376	6726272	6699618	0.66	cps
Scandium	45-1	9694125	9859898	9770337	9774787	0.85	cps
Scandium	45-2	423444	427266	431095	427268	0.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	80	78	80	3.52	cps
Selenium	82-1	463	452	385	433	9.70	cps
Silicon	28-1	151649424	152837341	152055178	152180648	0.40	cps
Silver	109-1	2117	2334	2850	2434	15.49	cps
Silver	107-1	2367	2534	2659	2520	5.81	cps
Sodium	23-2	41424208	41321704	41815177	41520363	0.63	cps
Strontium	86-1	2537039	2550153	2555340	2547511	0.37	cps
Strontium	88-1	22387036	22096531	21972170	22151912	0.96	cps
Sulfur	34-1	530385	522114	523943	525480	0.83	cps
Terbium	159-1	22007962	22294560	22549316	22283946	1.22	cps
Terbium	159-2	10768448	10790397	10713591	10757479	0.37	cps
Thallium	203-1	2417	2450	2600	2489	3.92	cps
Thallium	205-1	5993	5685	5635	5771	3.37	cps
Thorium	232-1	356	411	372	380	7.51	cps
Tin	118-1	1400	1250	1467	1372	8.09	cps
Titanium	47-1	2884	3025	2834	2914	3.41	cps
Uranium	238-1	383	375	383	381	1.26	cps
Vanadium	51-2	280	250	270	267	5.73	cps
Yttrium	89-1	15358028	15617382	15558333	15511248	0.88	cps
Yttrium	89-2	2136075	2172171	2150126	2152791	0.85	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1168-10	Instrumnet Name :	P7
Client Sample ID :	DUP-0500-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:04:48	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6138	5958	6328	6141	3.01	cps
Zirconium	90-1	1900	1709	1600	1736	8.75	cps
Zirconium	91-1	692	525	400	539	27.15	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1172-01 Instrumnet Name : P7
 Client Sample ID : WP022MW001-190114 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 15:08:27 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492	492	425	469	8.20	cps
Antimony	121-1	1133	1242	992	1122	11.17	cps
Arsenic	75-2	361	339	361	354	3.63	cps
Barium	135-1	290248	287171	289994	289138	0.59	cps
Barium	137-1	506257	505812	505814	505961	0.05	cps
Beryllium	9-1	263	310	233	269	14.37	cps
Bismuth	209-1	12653299	12706100	13147428	12835609	2.11	cps
Bismuth	209-2	6873546	7117442	7361096	7117361	3.43	cps
Boron	10-1	524156	532219	534190	530188	1.00	cps
Boron	11-1	2459873	2513505	2555785	2509721	1.92	cps
Cadmium	111-1	4743	5234	4707	4894	6.01	cps
Cadmium	106-1	6310	6877	6243	6477	5.38	cps
Cadmium	108-1	88	38	79	68	39.36	cps
Calcium	43-1	8048981	7985576	8045333	8026630	0.44	cps
Calcium	44-1	132041936	131401940	131208786	131550888	0.33	cps
Chromium	52-2	10664	10534	10871	10690	1.59	cps
Cobalt	59-2	2124	1913	1980	2006	5.35	cps
Copper	63-2	7879	7706	7405	7663	3.13	cps
Dysprosium	156-1	8	25	58	31	83.33	cps
Dysprosium	156-2	27	23	17	22	22.91	cps
Erbium	164-1	117	83	75	92	24.05	cps
Erbium	164-2	40	87	57	61	38.70	cps
Gadolinium	160-1	142	158	158	153	6.30	cps
Gadolinium	160-2	200	283	250	244	17.16	cps
Holmium	165-1	21438158	21270672	22110112	21606314	2.06	cps
Holmium	165-2	10642142	10978321	11253160	10957874	2.79	cps
Indium	115-1	14926122	14866185	15400217	15064175	1.94	cps
Indium	115-2	2727257	2807282	2913942	2816160	3.33	cps
Iron	56-2	28793	26364	26274	27143	5.26	cps
Iron	57-2	32180	32598	32047	32275	0.89	cps
Krypton	83-1	643	673	630	649	3.42	cps
Lead	206-1	2045	2128	2356	2176	7.40	cps
Lead	207-1	1956	1972	1772	1900	5.84	cps
Lead	208-1	8540	8335	8629	8501	1.78	cps
Lithium	6-1	4921879	4873767	5016615	4937421	1.47	cps
Magnesium	24-2	14433876	14400664	14362465	14399002	0.25	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-01	Instrumnet Name :	P7
Client Sample ID :	WP022MW001-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:08:27	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	376687	370872	372285	373281	0.81	cps
Molybdenum	94-1	11830	11764	11780	11791	0.29	cps
Molybdenum	95-1	17378	18821	18705	18301	4.38	cps
Molybdenum	96-1	19531	19464	19572	19522	0.28	cps
Molybdenum	97-1	12606	11855	12281	12247	3.07	cps
Molybdenum	98-1	29381	29531	29172	29362	0.61	cps
Neodymium	150-1	60	33	53	49	28.38	cps
Neodymium	150-2	13	20	7	13	49.99	cps
Nickel	60-2	33592	33331	34020	33648	1.03	cps
Phosphorus	31-2	642	683	433	586	22.85	cps
Potassium	39-2	817985	826766	823609	822787	0.54	cps
Rhodium	103-1	13202932	13200788	13549182	13317634	1.51	cps
Rhodium	103-2	6303012	6465580	6702899	6490497	3.10	cps
Scandium	45-1	9501371	9517259	9809274	9609301	1.80	cps
Scandium	45-2	410568	423031	437260	423620	3.15	cps
Selenium	77-2	30	37	40	36	14.32	cps
Selenium	78-2	250	204	194	216	13.77	cps
Selenium	82-1	1564	1661	1699	1641	4.23	cps
Silicon	28-1	189198783	188859721	190384021	189480842	0.42	cps
Silver	109-1	1375	1742	1867	1661	15.38	cps
Silver	107-1	1650	1934	1959	1847	9.27	cps
Sodium	23-2	83711244	83458114	83226846	83465401	0.29	cps
Strontium	86-1	5630209	5685373	5704673	5673418	0.68	cps
Strontium	88-1	49544019	49411021	49729077	49561372	0.32	cps
Sulfur	34-1	4377309	4395097	4405817	4392741	0.33	cps
Terbium	159-1	21708664	21816163	22424769	21983199	1.76	cps
Terbium	159-2	10372854	10657711	10993992	10674852	2.91	cps
Thallium	203-1	2492	2634	2650	2592	3.36	cps
Thallium	205-1	5676	5785	6293	5918	5.57	cps
Thorium	232-1	261	333	289	294	12.37	cps
Tin	118-1	1925	1542	1600	1689	12.23	cps
Titanium	47-1	3626	3459	3584	3556	2.44	cps
Uranium	238-1	287991	291790	283874	287885	1.38	cps
Vanadium	51-2	16082	16603	16379	16355	1.60	cps
Yttrium	89-1	15091878	15119122	15495118	15235373	1.48	cps
Yttrium	89-2	2080030	2124742	2191710	2132161	2.64	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-01	Instrumnet Name :	P7
Client Sample ID :	WP022MW001-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:08:27	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8246	8182	7852	8093	2.61	cps
Zirconium	90-1	3509	3167	3969	3548	11.34	cps
Zirconium	91-1	725	833	917	825	11.65	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1172-02 Instrumnet Name : P7
 Client Sample ID : ST010MW005-190114 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 15:12:08 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2200	2159	2434	2264	6.55	cps
Antimony	121-1	1375	1517	1408	1433	5.17	cps
Arsenic	75-2	1624	1539	1467	1543	5.11	cps
Barium	135-1	449943	448089	448177	448736	0.23	cps
Barium	137-1	783425	789243	791612	788094	0.53	cps
Beryllium	9-1	243	247	230	240	3.67	cps
Bismuth	209-1	13267464	13098673	13272016	13212717	0.75	cps
Bismuth	209-2	7395086	7296692	7292343	7328040	0.79	cps
Boron	10-1	705685	720954	726431	717690	1.50	cps
Boron	11-1	3364086	3400056	3454960	3406367	1.34	cps
Cadmium	111-1	5020	4818	4883	4907	2.10	cps
Cadmium	106-1	6977	6610	6769	6785	2.71	cps
Cadmium	108-1	50	67	79	65	22.42	cps
Calcium	43-1	5906932	5783262	5864554	5851582	1.07	cps
Calcium	44-1	95825000	95429627	95607038	95620555	0.21	cps
Chromium	52-2	36873	37759	37154	37262	1.21	cps
Cobalt	59-2	1347	1140	1220	1236	8.43	cps
Copper	63-2	10087	9937	9860	9961	1.16	cps
Dysprosium	156-1	275	225	267	256	10.48	cps
Dysprosium	156-2	93	103	100	99	5.15	cps
Erbium	164-1	225	208	175	203	12.55	cps
Erbium	164-2	117	83	73	91	24.91	cps
Gadolinium	160-1	292	275	233	267	11.27	cps
Gadolinium	160-2	387	377	360	374	3.60	cps
Holmium	165-1	21987028	21822197	21988841	21932689	0.44	cps
Holmium	165-2	11135631	11114938	11060735	11103768	0.35	cps
Indium	115-1	15355536	15393727	15365603	15371622	0.13	cps
Indium	115-2	2836869	2873548	2862953	2857790	0.66	cps
Iron	56-2	760715	760927	760275	760639	0.04	cps
Iron	57-2	41298	41448	42195	41647	1.15	cps
Krypton	83-1	657	710	650	672	4.89	cps
Lead	206-1	3612	3562	3573	3582	0.73	cps
Lead	207-1	3023	2884	3067	2991	3.20	cps
Lead	208-1	13725	13425	13575	13575	1.11	cps
Lithium	6-1	5055519	5010484	5071902	5045968	0.63	cps
Magnesium	24-2	22060953	22337685	22398826	22265821	0.81	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-02	Instrumnet Name :	P7
Client Sample ID :	ST010MW005-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:12:08	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	88145	88457	87408	88003	0.61	cps
Molybdenum	94-1	14291	14650	13849	14263	2.81	cps
Molybdenum	95-1	22510	23061	22727	22766	1.22	cps
Molybdenum	96-1	24597	24505	24572	24558	0.19	cps
Molybdenum	97-1	13899	14124	14333	14119	1.54	cps
Molybdenum	98-1	36322	37283	36397	36668	1.46	cps
Neodymium	150-1	393	360	407	387	6.22	cps
Neodymium	150-2	113	153	153	140	16.49	cps
Nickel	60-2	17013	17654	17627	17432	2.08	cps
Phosphorus	31-2	342	500	308	383	26.71	cps
Potassium	39-2	120494	122737	122410	121880	0.99	cps
Rhodium	103-1	13632245	13593196	13554822	13593421	0.28	cps
Rhodium	103-2	6672297	6659615	6695252	6675721	0.27	cps
Scandium	45-1	9789122	9658166	9606198	9684495	0.97	cps
Scandium	45-2	430802	427923	430983	429903	0.40	cps
Selenium	77-2	10	10	13	11	17.30	cps
Selenium	78-2	150	139	126	138	8.71	cps
Selenium	82-1	447	426	538	470	12.64	cps
Silicon	28-1	95013654	94318406	94317902	94549988	0.42	cps
Silver	109-1	6710	8403	9862	8325	18.95	cps
Silver	107-1	6960	8686	9870	8506	17.21	cps
Sodium	23-2	22869308	23113685	23105121	23029371	0.60	cps
Strontium	86-1	6494799	6435983	6441016	6457266	0.50	cps
Strontium	88-1	56623739	56254149	56006508	56294798	0.55	cps
Sulfur	34-1	1298648	1294266	1306402	1299772	0.47	cps
Terbium	159-1	22209348	22047062	22232821	22163077	0.46	cps
Terbium	159-2	10735157	10833231	10824895	10797761	0.50	cps
Thallium	203-1	2109	1950	2009	2022	3.96	cps
Thallium	205-1	4943	5051	5143	5046	1.98	cps
Thorium	232-1	911	906	850	889	3.80	cps
Tin	118-1	2367	2300	2442	2370	2.99	cps
Titanium	47-1	2325	2242	2977	2515	16.00	cps
Uranium	238-1	235368	239496	236928	237264	0.88	cps
Vanadium	51-2	2684	2720	2654	2686	1.24	cps
Yttrium	89-1	15448914	15344202	15381265	15391460	0.34	cps
Yttrium	89-2	2132827	2135924	2160857	2143203	0.72	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-02	Instrumnet Name :	P7
Client Sample ID :	ST010MW005-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:12:08	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12572	12662	12295	12510	1.53	cps
Zirconium	90-1	3059	4999	3134	3731	29.47	cps
Zirconium	91-1	708	692	750	717	4.19	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0499-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:15:44	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2784	3067	2925	2925	4.84	cps
Antimony	121-1	1400	1308	1425	1378	4.46	cps
Arsenic	75-2	1659	1704	1919	1761	7.88	cps
Barium	135-1	437191	440667	443360	440406	0.70	cps
Barium	137-1	767361	764195	770119	767225	0.39	cps
Beryllium	9-1	237	200	263	233	13.63	cps
Bismuth	209-1	13283759	13203622	13207009	13231463	0.34	cps
Bismuth	209-2	7283843	7283806	7272128	7279926	0.09	cps
Boron	10-1	693265	701341	712008	702205	1.34	cps
Boron	11-1	3295906	3301395	3353894	3317065	0.97	cps
Cadmium	111-1	5113	5134	4838	5028	3.29	cps
Cadmium	106-1	7119	6985	6593	6899	3.96	cps
Cadmium	108-1	58	8	33	33	75.02	cps
Calcium	43-1	5647707	5621274	5660244	5643075	0.35	cps
Calcium	44-1	91702758	92304942	92433962	92147221	0.42	cps
Chromium	52-2	39613	39396	38627	39212	1.32	cps
Cobalt	59-2	1373	1367	1257	1332	4.92	cps
Copper	63-2	10901	10270	10330	10501	3.31	cps
Dysprosium	156-1	275	267	275	272	1.77	cps
Dysprosium	156-2	113	153	147	138	15.55	cps
Erbium	164-1	250	250	292	264	9.12	cps
Erbium	164-2	93	80	130	101	25.61	cps
Gadolinium	160-1	358	325	325	336	5.72	cps
Gadolinium	160-2	360	360	360	360	0.00	cps
Holmium	165-1	21844022	21907929	21669526	21807159	0.57	cps
Holmium	165-2	10924518	10879060	10905967	10903182	0.21	cps
Indium	115-1	15218815	15179902	15364676	15254464	0.64	cps
Indium	115-2	2800442	2801520	2798942	2800301	0.05	cps
Iron	56-2	947390	959498	950832	952573	0.65	cps
Iron	57-2	44462	46324	46100	45629	2.23	cps
Krypton	83-1	580	653	640	624	6.26	cps
Lead	206-1	3184	3134	3123	3147	1.04	cps
Lead	207-1	2778	2595	2806	2726	4.21	cps
Lead	208-1	12453	12431	12442	12442	0.09	cps
Lithium	6-1	5057321	5038904	5082931	5059719	0.44	cps
Magnesium	24-2	21910333	21785589	21835042	21843654	0.29	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0499-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:15:44	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	102306	103253	102843	102801	0.46	cps
Molybdenum	94-1	13465	14107	14716	14096	4.44	cps
Molybdenum	95-1	22326	23353	23654	23111	3.01	cps
Molybdenum	96-1	24672	24898	24864	24811	0.49	cps
Molybdenum	97-1	14591	14675	14291	14519	1.39	cps
Molybdenum	98-1	36908	38511	38018	37813	2.17	cps
Neodymium	150-1	480	613	520	538	12.72	cps
Neodymium	150-2	183	163	157	168	8.27	cps
Nickel	60-2	19193	19213	18405	18937	2.43	cps
Phosphorus	31-2	442	317	350	369	17.52	cps
Potassium	39-2	124915	125041	124477	124811	0.24	cps
Rhodium	103-1	13466461	13497670	13527692	13497274	0.23	cps
Rhodium	103-2	6598193	6563398	6549259	6570283	0.38	cps
Scandium	45-1	9653361	9517467	9631969	9600932	0.76	cps
Scandium	45-2	417885	423675	420700	420753	0.69	cps
Selenium	77-2	23	7	10	13	66.12	cps
Selenium	78-2	102	111	106	106	4.39	cps
Selenium	82-1	509	463	379	450	14.69	cps
Silicon	28-1	92898012	92690096	93353363	92980490	0.36	cps
Silver	109-1	6677	7711	9237	7875	16.35	cps
Silver	107-1	6994	7719	9212	7975	14.18	cps
Sodium	23-2	22745897	22582761	22539503	22622720	0.48	cps
Strontium	86-1	6291507	6232482	6241922	6255304	0.51	cps
Strontium	88-1	54997845	54469799	54282226	54583290	0.68	cps
Sulfur	34-1	1259371	1267140	1269927	1265479	0.43	cps
Terbium	159-1	22084365	21944696	22187086	22072049	0.55	cps
Terbium	159-2	10623163	10655838	10601481	10626827	0.26	cps
Thallium	203-1	1734	1850	1867	1817	4.00	cps
Thallium	205-1	4426	4551	4301	4426	2.83	cps
Thorium	232-1	1028	1072	1183	1095	7.32	cps
Tin	118-1	2242	2367	2417	2342	3.85	cps
Titanium	47-1	2525	2517	2234	2425	6.85	cps
Uranium	238-1	224108	220967	224214	223096	0.83	cps
Vanadium	51-2	2557	2284	2524	2455	6.08	cps
Yttrium	89-1	15380849	15252146	15278074	15303690	0.44	cps
Yttrium	89-2	2111334	2123363	2112245	2115647	0.32	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1172-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0499-190114	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:15:44	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16686	16977	16523	16729	1.37	cps
Zirconium	90-1	3034	2809	2542	2795	8.81	cps
Zirconium	91-1	558	533	625	572	8.28	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:22:25	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13681574	13848545	13782040	13770720	0.61	cps
Antimony	121-1	9013687	9106417	9066798	9062301	0.51	cps
Arsenic	75-2	324869	324645	325015	324843	0.06	cps
Barium	135-1	12610332	12785400	12785818	12727183	0.80	cps
Barium	137-1	22280941	22405573	22260676	22315730	0.35	cps
Beryllium	9-1	2497469	2525325	2529541	2517445	0.69	cps
Bismuth	209-1	11965910	12014700	11964978	11981863	0.24	cps
Bismuth	209-2	6667393	6722150	6662496	6684013	0.50	cps
Boron	10-1	523502	534406	549284	535731	2.42	cps
Boron	11-1	2451699	2506748	2537528	2498658	1.74	cps
Cadmium	111-1	2615815	2653267	2677275	2648785	1.17	cps
Cadmium	106-1	305072	309383	313251	309235	1.32	cps
Cadmium	108-1	204300	207815	210213	207443	1.43	cps
Calcium	43-1	15799399	15967427	16098125	15954984	0.94	cps
Calcium	44-1	257745122	262193973	263042473	260993856	1.09	cps
Chromium	52-2	3286903	3330166	3354179	3323749	1.03	cps
Cobalt	59-2	5221879	5298863	5299906	5273549	0.85	cps
Copper	63-2	7169595	7202695	7249346	7207212	0.56	cps
Dysprosium	156-1	358	383	325	356	8.23	cps
Dysprosium	156-2	267	197	213	226	16.21	cps
Erbium	164-1	192	167	167	175	8.25	cps
Erbium	164-2	77	60	63	67	13.23	cps
Gadolinium	160-1	233	275	300	269	12.50	cps
Gadolinium	160-2	320	380	417	372	13.11	cps
Holmium	165-1	21845328	22015749	21908374	21923150	0.39	cps
Holmium	165-2	11165973	11173076	11195254	11178101	0.14	cps
Indium	115-1	14744654	14816861	15050707	14870741	1.08	cps
Indium	115-2	2823737	2867184	2859211	2850044	0.81	cps
Iron	56-2	711925749	722060083	718601994	717529275	0.72	cps
Iron	57-2	17619709	17843301	17828071	17763694	0.70	cps
Krypton	83-1	607	680	787	691	13.10	cps
Lead	206-1	8793992	8812395	8803409	8803265	0.10	cps
Lead	207-1	7676186	7778547	7659480	7704738	0.84	cps
Lead	208-1	34677950	34785730	34692697	34718793	0.17	cps
Lithium	6-1	4867037	4884865	4927284	4893062	0.63	cps
Magnesium	24-2	143321624	144616724	145235441	144391263	0.68	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : CCV82 Instrumnet Name : P7
 Client Sample ID : CCV82 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 15:22:25 DataFile Name : 054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3980821	4035146	4018020	4011329	0.69	cps
Molybdenum	94-1	20468452	20576202	20724536	20589730	0.62	cps
Molybdenum	95-1	24992081	25405010	25538241	25311778	1.13	cps
Molybdenum	96-1	27831345	28042912	28104994	27993084	0.51	cps
Molybdenum	97-1	15620808	15879733	15888049	15796197	0.96	cps
Molybdenum	98-1	40329294	40687758	40801006	40606019	0.61	cps
Neodymium	150-1	1247	1300	1380	1309	5.13	cps
Neodymium	150-2	167	227	163	186	19.21	cps
Nickel	60-2	1335698	1354789	1364150	1351546	1.07	cps
Phosphorus	31-2	133461	133771	136250	134494	1.14	cps
Potassium	39-2	61764139	61644170	62626901	62011737	0.86	cps
Rhodium	103-1	12619257	12825754	13009094	12818035	1.52	cps
Rhodium	103-2	6376216	6419824	6408223	6401421	0.35	cps
Scandium	45-1	9714183	9788426	9868022	9790210	0.79	cps
Scandium	45-2	456920	460933	464446	460766	0.82	cps
Selenium	77-2	9420	9567	9780	9589	1.89	cps
Selenium	78-2	32011	33151	32479	32547	1.76	cps
Selenium	82-1	201033	203137	207072	203747	1.50	cps
Silicon	28-1	8381341	8642042	8879632	8634338	2.89	cps
Silver	109-1	12205399	12200562	12250496	12218819	0.23	cps
Silver	107-1	12601914	12558425	12766629	12642323	0.87	cps
Sodium	23-2	269205589	270417456	270653673	270092239	0.29	cps
Strontium	86-1	3281171	3299740	3358849	3313253	1.22	cps
Strontium	88-1	29163694	29095156	29392928	29217259	0.53	cps
Sulfur	34-1	1753318	1768733	1788784	1770278	1.00	cps
Terbium	159-1	22221261	22206012	22304119	22243797	0.24	cps
Terbium	159-2	10954470	10939045	10866050	10919855	0.43	cps
Thallium	203-1	10978509	11010070	11058987	11015855	0.37	cps
Thallium	205-1	26123550	26295390	26218882	26212607	0.33	cps
Thorium	232-1	37815535	38128085	37760668	37901429	0.52	cps
Tin	118-1	8770748	8807734	8830721	8803068	0.34	cps
Titanium	47-1	7293664	7470341	7496590	7420198	1.49	cps
Uranium	238-1	36040856	36776691	36132092	36316547	1.10	cps
Vanadium	51-2	2651569	2670657	2683476	2668567	0.60	cps
Yttrium	89-1	15350295	15536049	15660719	15515688	1.01	cps
Yttrium	89-2	2245758	2261851	2242752	2250120	0.46	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:22:25	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1176866	1188185	1190706	1185252	0.62	cps
Zirconium	90-1	17101410	17069245	17359926	17176860	0.93	cps
Zirconium	91-1	3706950	3752578	3819968	3759832	1.51	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : CCB82 Instrumnet Name : P7
 Client Sample ID : CCB82 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 15:29:03 DataFile Name : 055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	283	200	222	24.11	cps
Antimony	121-1	1342	1475	1425	1414	4.76	cps
Arsenic	75-2	26	20	22	23	12.40	cps
Barium	135-1	250	233	258	247	5.15	cps
Barium	137-1	483	367	467	439	14.38	cps
Beryllium	9-1	277	340	250	289	16.00	cps
Bismuth	209-1	14231441	14450939	14381620	14354667	0.78	cps
Bismuth	209-2	8040052	8133658	8118865	8097525	0.62	cps
Boron	10-1	15167	14458	14766	14797	2.40	cps
Boron	11-1	69695	66347	66865	67636	2.66	cps
Cadmium	111-1	4812	5003	4724	4846	2.95	cps
Cadmium	106-1	6627	6910	6527	6688	2.97	cps
Cadmium	108-1	21	13	46	26	65.74	cps
Calcium	43-1	408	483	508	467	11.15	cps
Calcium	44-1	16886	16485	16026	16466	2.61	cps
Chromium	52-2	1983	1797	2004	1928	5.91	cps
Cobalt	59-2	100	107	100	102	3.77	cps
Copper	63-2	1950	2007	2220	2059	6.92	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	92	75	50	72	29.04	cps
Erbium	164-2	47	33	37	39	17.85	cps
Gadolinium	160-1	158	75	83	106	43.48	cps
Gadolinium	160-2	273	353	250	292	18.54	cps
Holmium	165-1	22386690	22457731	22558392	22467604	0.38	cps
Holmium	165-2	11486727	11528689	11586961	11534126	0.44	cps
Indium	115-1	16409924	16530193	16444780	16461632	0.38	cps
Indium	115-2	3048264	3066885	3121866	3079005	1.24	cps
Iron	56-2	17199	16376	16137	16571	3.36	cps
Iron	57-2	333	389	361	361	7.69	cps
Krypton	83-1	710	690	737	712	3.29	cps
Lead	206-1	2089	1811	1856	1919	7.78	cps
Lead	207-1	1639	1572	1761	1658	5.78	cps
Lead	208-1	7662	7507	7568	7579	1.03	cps
Lithium	6-1	5276296	5302770	5276123	5285063	0.29	cps
Magnesium	24-2	2100	2067	1967	2045	3.39	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P7
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:29:03	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	157	107	127	20.89	cps
Molybdenum	94-1	1458	1033	1267	1253	16.99	cps
Molybdenum	95-1	1725	1508	1442	1558	9.51	cps
Molybdenum	96-1	1967	1592	1508	1689	14.46	cps
Molybdenum	97-1	1175	800	942	972	19.48	cps
Molybdenum	98-1	2659	2434	2150	2414	10.55	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	110	110	147	122	17.32	cps
Phosphorus	31-2	325	283	308	306	6.86	cps
Potassium	39-2	29547	30465	29580	29864	1.74	cps
Rhodium	103-1	14941808	15034374	15146086	15040756	0.68	cps
Rhodium	103-2	7419928	7408573	7479993	7436165	0.52	cps
Scandium	45-1	10315924	10273186	10323627	10304246	0.26	cps
Scandium	45-2	453950	458538	463437	458642	1.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	76	83	83	81	5.28	cps
Selenium	82-1	78	135	83	98	31.97	cps
Silicon	28-1	394971	392750	394269	393997	0.29	cps
Silver	109-1	14917	16902	20875	17565	17.27	cps
Silver	107-1	14875	18722	22310	18636	19.95	cps
Sodium	23-2	50628	50694	50235	50519	0.49	cps
Strontium	86-1	1442	1350	1100	1297	13.63	cps
Strontium	88-1	1267	1083	1075	1142	9.49	cps
Sulfur	34-1	556274	558248	555256	556593	0.27	cps
Terbium	159-1	22945177	22983993	23085450	23004873	0.31	cps
Terbium	159-2	11248003	11273954	11360939	11294299	0.52	cps
Thallium	203-1	2367	2275	2284	2309	2.20	cps
Thallium	205-1	5435	5460	5326	5407	1.31	cps
Thorium	232-1	2234	2122	2150	2169	2.67	cps
Tin	118-1	1742	2092	1842	1892	9.53	cps
Titanium	47-1	333	233	292	286	17.56	cps
Uranium	238-1	742	633	650	675	8.64	cps
Vanadium	51-2	33	60	30	41	40.00	cps
Yttrium	89-1	16141878	16315999	16432934	16296937	0.90	cps
Yttrium	89-2	2274009	2294322	2299376	2289236	0.59	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P7
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:29:03	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	430	480	470	460	5.75	cps
Zirconium	90-1	1392	1467	1592	1483	6.81	cps
Zirconium	91-1	292	250	342	294	15.59	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1195-01 Instrumnet Name : P7
 Client Sample ID : SS038RW016-190116 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 15:32:40 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	475	367	458	433	13.46	cps
Antimony	121-1	1433	1417	1058	1303	16.26	cps
Arsenic	75-2	20411	20971	20917	20766	1.49	cps
Barium	135-1	1209899	1213889	1218813	1214200	0.37	cps
Barium	137-1	2100785	2124868	2104677	2110110	0.61	cps
Beryllium	9-1	287	240	240	256	10.54	cps
Bismuth	209-1	13178990	13345436	13286731	13270386	0.64	cps
Bismuth	209-2	7345788	7334062	7323893	7334581	0.15	cps
Boron	10-1	266074	269821	272739	269545	1.24	cps
Boron	11-1	1270701	1278533	1298033	1282422	1.10	cps
Cadmium	111-1	4604	4816	4855	4758	2.84	cps
Cadmium	106-1	6502	6694	6844	6680	2.56	cps
Cadmium	108-1	38	33	33	35	6.93	cps
Calcium	43-1	6234291	6254570	6163144	6217335	0.77	cps
Calcium	44-1	102281602	102071740	101069284	101807542	0.64	cps
Chromium	52-2	4231	4271	3961	4154	4.06	cps
Cobalt	59-2	1103	1110	1077	1097	1.61	cps
Copper	63-2	2420	2610	2380	2470	4.98	cps
Dysprosium	156-1	50	17	17	28	69.27	cps
Dysprosium	156-2	13	30	33	26	41.94	cps
Erbium	164-1	75	67	33	58	37.80	cps
Erbium	164-2	30	30	47	36	27.07	cps
Gadolinium	160-1	150	175	133	153	13.73	cps
Gadolinium	160-2	253	250	237	247	3.58	cps
Holmium	165-1	21961366	22028580	22082525	22024157	0.28	cps
Holmium	165-2	11157798	11011115	11033081	11067331	0.71	cps
Indium	115-1	15594435	15618611	15495376	15569474	0.42	cps
Indium	115-2	2878835	2874580	2898360	2883925	0.44	cps
Iron	56-2	20089818	20059904	19918266	20022662	0.46	cps
Iron	57-2	499878	497470	497901	498416	0.26	cps
Krypton	83-1	767	670	657	698	8.60	cps
Lead	206-1	4423	4306	4268	4332	1.87	cps
Lead	207-1	3706	3534	3856	3699	4.36	cps
Lead	208-1	17238	16771	17450	17153	2.02	cps
Lithium	6-1	5106598	5091266	5080643	5092836	0.26	cps
Magnesium	24-2	7051539	7017140	7004897	7024525	0.34	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-01	Instrumnet Name :	P7
Client Sample ID :	SS038RW016-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:32:40	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1255550	1250331	1242051	1249311	0.54	cps
Molybdenum	94-1	6894	6035	6043	6324	7.80	cps
Molybdenum	95-1	10229	9679	9437	9782	4.15	cps
Molybdenum	96-1	10121	10021	10104	10082	0.53	cps
Molybdenum	97-1	5826	6068	5860	5918	2.21	cps
Molybdenum	98-1	14274	14908	15409	14864	3.83	cps
Neodymium	150-1	173	167	93	144	30.73	cps
Neodymium	150-2	13	17	23	18	28.64	cps
Nickel	60-2	5204	5191	5028	5141	1.91	cps
Phosphorus	31-2	808	875	600	761	18.85	cps
Potassium	39-2	784700	788584	788387	787223	0.28	cps
Rhodium	103-1	13994747	14012323	13830664	13945912	0.72	cps
Rhodium	103-2	6822974	6742600	6758868	6774814	0.63	cps
Scandium	45-1	10088295	9968729	9966395	10007807	0.70	cps
Scandium	45-2	436200	431900	438521	435540	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	107	93	117	106	11.51	cps
Selenium	82-1	341	379	436	385	12.42	cps
Silicon	28-1	128936545	128392336	127907032	128411971	0.40	cps
Silver	109-1	1775	1925	2142	1947	9.47	cps
Silver	107-1	1934	2234	2534	2234	13.43	cps
Sodium	23-2	42572448	42669194	42555254	42598965	0.14	cps
Strontium	86-1	3849113	3831307	3873265	3851228	0.55	cps
Strontium	88-1	34097657	33890002	34363634	34117098	0.70	cps
Sulfur	34-1	885010	889963	882552	885842	0.43	cps
Terbium	159-1	22222111	22433154	22335400	22330222	0.47	cps
Terbium	159-2	10846672	10828384	10797977	10824344	0.23	cps
Thallium	203-1	2159	2050	2325	2178	6.36	cps
Thallium	205-1	4776	5385	5201	5121	6.10	cps
Thorium	232-1	1167	1100	1011	1093	7.14	cps
Tin	118-1	1592	1517	1383	1497	7.05	cps
Titanium	47-1	2609	2834	2275	2573	10.92	cps
Uranium	238-1	4393	4593	4868	4618	5.17	cps
Vanadium	51-2	933	853	860	882	5.03	cps
Yttrium	89-1	15787529	15779381	15757881	15774931	0.10	cps
Yttrium	89-2	2175336	2184679	2178011	2179342	0.22	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-01	Instrumnet Name :	P7
Client Sample ID :	SS038RW016-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:32:40	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5845	5608	5778	5743	2.13	cps
Zirconium	90-1	2675	2459	2342	2492	6.79	cps
Zirconium	91-1	525	508	600	544	8.97	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-02	Instrumnet Name :	P7
Client Sample ID :	SS038MW009-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:36:18	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6360	6277	6285	6307	0.73	cps
Antimony	121-1	3034	3117	2942	3031	2.89	cps
Arsenic	75-2	53842	54884	54819	54515	1.07	cps
Barium	135-1	766175	763744	785482	771800	1.54	cps
Barium	137-1	1337669	1345930	1363857	1349152	0.99	cps
Beryllium	9-1	300	260	250	270	9.80	cps
Bismuth	209-1	12757764	12850993	12949022	12852593	0.74	cps
Bismuth	209-2	7085968	7135692	7180030	7133897	0.66	cps
Boron	10-1	377972	382629	389109	383237	1.46	cps
Boron	11-1	1818143	1830287	1860083	1836171	1.18	cps
Cadmium	111-1	4682	5185	4914	4927	5.12	cps
Cadmium	106-1	6543	7244	6919	6902	5.08	cps
Cadmium	108-1	46	63	71	60	21.32	cps
Calcium	43-1	9895383	9939601	9880692	9905226	0.31	cps
Calcium	44-1	161123837	163138387	163529383	162597202	0.79	cps
Chromium	52-2	4798	4764	4868	4810	1.10	cps
Cobalt	59-2	4988	4844	5224	5019	3.83	cps
Copper	63-2	7679	7755	7749	7728	0.55	cps
Dysprosium	156-1	358	367	517	414	21.53	cps
Dysprosium	156-2	227	267	253	249	8.18	cps
Erbium	164-1	717	758	650	708	7.71	cps
Erbium	164-2	340	263	347	317	14.62	cps
Gadolinium	160-1	525	558	583	556	5.27	cps
Gadolinium	160-2	463	433	417	438	5.40	cps
Holmium	165-1	21762137	22181405	22149865	22031135	1.06	cps
Holmium	165-2	11015957	11024071	11110153	11050060	0.47	cps
Indium	115-1	15312698	15241186	15167633	15240506	0.48	cps
Indium	115-2	2864526	2889950	2896463	2883646	0.59	cps
Iron	56-2	71876941	72331796	72795038	72334591	0.63	cps
Iron	57-2	1735975	1772114	1784347	1764145	1.43	cps
Krypton	83-1	663	647	667	659	1.63	cps
Lead	206-1	22848	23371	23338	23186	1.26	cps
Lead	207-1	18747	19231	18475	18818	2.04	cps
Lead	208-1	87377	89610	88602	88530	1.26	cps
Lithium	6-1	4944017	4968721	4997466	4970068	0.54	cps
Magnesium	24-2	6903713	6975703	6975338	6951585	0.60	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-02	Instrumnet Name :	P7
Client Sample ID :	SS038MW009-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:36:18	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1901617	1933676	1942116	1925803	1.11	cps
Molybdenum	94-1	9287	10054	9946	9762	4.25	cps
Molybdenum	95-1	3417	3309	3434	3387	2.00	cps
Molybdenum	96-1	5635	5868	5935	5813	2.71	cps
Molybdenum	97-1	2125	1750	2234	2036	12.46	cps
Molybdenum	98-1	5201	5084	5168	5151	1.17	cps
Neodymium	150-1	580	693	533	602	13.66	cps
Neodymium	150-2	163	200	180	181	10.14	cps
Nickel	60-2	358857	356214	361365	358812	0.72	cps
Phosphorus	31-2	3501	3467	3326	3431	2.71	cps
Potassium	39-2	1015033	1012472	1024662	1017389	0.63	cps
Rhodium	103-1	13385048	13669478	13516889	13523805	1.05	cps
Rhodium	103-2	6634418	6665279	6676401	6658700	0.33	cps
Scandium	45-1	9714241	9857875	9880190	9817435	0.92	cps
Scandium	45-2	435029	438708	441549	438428	0.75	cps
Selenium	77-2	3	10	10	8	49.52	cps
Selenium	78-2	93	83	104	93	10.95	cps
Selenium	82-1	408	457	354	407	12.64	cps
Silicon	28-1	170113679	169421983	170447258	169994307	0.31	cps
Silver	109-1	2000	2300	2800	2367	17.08	cps
Silver	107-1	2017	2484	2750	2417	15.36	cps
Sodium	23-2	124069674	125410686	125636965	125039108	0.68	cps
Strontium	86-1	1761551	1807646	1775277	1781491	1.33	cps
Strontium	88-1	15472122	15683697	15668683	15608167	0.76	cps
Sulfur	34-1	4394125	4428443	4435939	4419502	0.50	cps
Terbium	159-1	22146856	22238852	22228893	22204867	0.23	cps
Terbium	159-2	10803850	10913248	10865709	10860936	0.51	cps
Thallium	203-1	1692	1517	1759	1656	7.54	cps
Thallium	205-1	4001	4009	4276	4095	3.82	cps
Thorium	232-1	2478	2373	2606	2485	4.70	cps
Tin	118-1	1900	1392	1383	1559	18.99	cps
Titanium	47-1	7678	7661	8019	7786	2.60	cps
Uranium	238-1	2075	2492	2125	2231	10.20	cps
Vanadium	51-2	55525	56060	57404	56330	1.72	cps
Yttrium	89-1	15440488	15548461	15587619	15525522	0.49	cps
Yttrium	89-2	2177322	2200858	2192055	2190079	0.54	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-02	Instrumnet Name :	P7
Client Sample ID :	SS038MW009-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:36:18	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11261	11178	11281	11240	0.49	cps
Zirconium	90-1	22527	22201	21817	22182	1.60	cps
Zirconium	91-1	5018	5401	4934	5118	4.86	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-03	Instrumnet Name :	P7
Client Sample ID :	SS038RW082-160116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:40:00	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	392	433	403	6.65	cps
Antimony	121-1	983	950	1042	992	4.68	cps
Arsenic	75-2	39106	39546	39201	39284	0.59	cps
Barium	135-1	1401457	1409043	1402467	1404322	0.29	cps
Barium	137-1	2438934	2464323	2450176	2451145	0.52	cps
Beryllium	9-1	217	193	180	197	9.44	cps
Bismuth	209-1	13745501	13405846	12857375	13336241	3.36	cps
Bismuth	209-2	7251559	7283660	7350659	7295293	0.69	cps
Boron	10-1	288662	297246	295696	293868	1.56	cps
Boron	11-1	1384416	1402095	1401196	1395902	0.71	cps
Cadmium	111-1	4967	4748	4598	4771	3.88	cps
Cadmium	106-1	6994	6727	6518	6746	3.53	cps
Cadmium	108-1	29	33	21	28	22.92	cps
Calcium	43-1	6856811	6788522	6780351	6808561	0.62	cps
Calcium	44-1	111826811	111016036	111690365	111511071	0.39	cps
Chromium	52-2	4444	4734	4661	4613	3.27	cps
Cobalt	59-2	2690	2640	2617	2649	1.41	cps
Copper	63-2	2370	2274	2380	2341	2.52	cps
Dysprosium	156-1	67	67	33	56	34.65	cps
Dysprosium	156-2	33	40	23	32	26.04	cps
Erbium	164-1	150	100	92	114	27.70	cps
Erbium	164-2	47	47	77	57	30.56	cps
Gadolinium	160-1	133	175	108	139	24.25	cps
Gadolinium	160-2	267	283	220	257	12.79	cps
Holmium	165-1	22906664	22354715	21214640	22158673	3.89	cps
Holmium	165-2	10894585	11007210	11146651	11016149	1.15	cps
Indium	115-1	16196307	15654223	15311977	15720836	2.84	cps
Indium	115-2	2851896	2893733	2913215	2886281	1.09	cps
Iron	56-2	25479471	25549797	25323721	25450996	0.45	cps
Iron	57-2	626146	640288	632521	632985	1.12	cps
Krypton	83-1	593	703	707	668	9.66	cps
Lead	206-1	2022	2145	2217	2128	4.62	cps
Lead	207-1	1795	1689	1717	1734	3.16	cps
Lead	208-1	8351	8062	8379	8264	2.12	cps
Lithium	6-1	5205387	5057138	4907543	5056689	2.95	cps
Magnesium	24-2	6938927	6996727	7001627	6979093	0.50	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-03	Instrumnet Name :	P7
Client Sample ID :	SS038RW082-160116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:40:00	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2217167	2247673	2228255	2231032	0.69	cps
Molybdenum	94-1	8445	8661	9078	8728	3.69	cps
Molybdenum	95-1	14258	14224	13958	14146	1.16	cps
Molybdenum	96-1	15668	15567	15042	15426	2.18	cps
Molybdenum	97-1	8936	8586	8720	8747	2.02	cps
Molybdenum	98-1	21517	21684	22235	21812	1.72	cps
Neodymium	150-1	133	180	167	160	15.02	cps
Neodymium	150-2	27	13	27	22	34.66	cps
Nickel	60-2	15472	15959	15989	15806	1.84	cps
Phosphorus	31-2	775	967	983	908	12.75	cps
Potassium	39-2	770943	773384	785280	776536	0.99	cps
Rhodium	103-1	14485999	14135418	13654114	14091844	2.96	cps
Rhodium	103-2	6672102	6737327	6762846	6724092	0.70	cps
Scandium	45-1	10283552	9935024	9776539	9998371	2.59	cps
Scandium	45-2	435566	431976	438353	435298	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	65	98	85	20.96	cps
Selenium	82-1	478	397	364	413	14.28	cps
Silicon	28-1	143695262	143079474	142527482	143100739	0.41	cps
Silver	109-1	1734	1567	2309	1870	20.82	cps
Silver	107-1	1408	2000	2250	1886	22.92	cps
Sodium	23-2	47978295	47949402	48245031	48057576	0.34	cps
Strontium	86-1	3646688	3703615	3632308	3660870	1.03	cps
Strontium	88-1	32115879	32339839	31820128	32091949	0.81	cps
Sulfur	34-1	2469266	2453584	2455404	2459418	0.35	cps
Terbium	159-1	23150553	22562556	21966452	22559854	2.62	cps
Terbium	159-2	10772139	10802207	10948539	10840962	0.87	cps
Thallium	203-1	1667	1692	1508	1622	6.13	cps
Thallium	205-1	3626	4034	3567	3742	6.80	cps
Thorium	232-1	628	639	456	574	17.91	cps
Tin	118-1	1217	1158	1100	1158	5.04	cps
Titanium	47-1	2409	2817	2784	2670	8.50	cps
Uranium	238-1	25802	26595	25593	25997	2.03	cps
Vanadium	51-2	1133	1267	1173	1191	5.74	cps
Yttrium	89-1	16237777	15821419	15343591	15800929	2.83	cps
Yttrium	89-2	2145004	2175524	2169199	2163242	0.74	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-03	Instrumnet Name :	P7
Client Sample ID :	SS038RW082-160116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:40:00	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6495	6602	6498	6532	0.93	cps
Zirconium	90-1	2192	2000	2450	2214	10.20	cps
Zirconium	91-1	725	700	600	675	9.80	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-04	Instrumnet Name :	P7
Client Sample ID :	SS037MW036-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:43:38	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	975	983	892	17.00	cps
Antimony	121-1	675	783	633	697	11.10	cps
Arsenic	75-2	34368	34565	34747	34560	0.55	cps
Barium	135-1	2274528	2285521	2293856	2284635	0.42	cps
Barium	137-1	3999431	4004079	4043977	4015829	0.61	cps
Beryllium	9-1	277	217	253	249	12.15	cps
Bismuth	209-1	13398991	13136744	13185307	13240347	1.05	cps
Bismuth	209-2	7326813	7348479	7362275	7345856	0.24	cps
Boron	10-1	261423	268598	268574	266198	1.55	cps
Boron	11-1	1240087	1262303	1286848	1263079	1.85	cps
Cadmium	111-1	4752	5158	4895	4935	4.18	cps
Cadmium	106-1	6627	7286	6935	6949	4.74	cps
Cadmium	108-1	29	42	38	36	17.62	cps
Calcium	43-1	7109328	7197297	7163389	7156671	0.62	cps
Calcium	44-1	116986882	117843715	116257190	117029262	0.68	cps
Chromium	52-2	4701	4791	4908	4800	2.16	cps
Cobalt	59-2	3544	3514	3260	3439	4.53	cps
Copper	63-2	3097	3324	3380	3267	4.59	cps
Dysprosium	156-1	25	75	100	67	57.28	cps
Dysprosium	156-2	73	47	43	54	30.21	cps
Erbium	164-1	142	142	67	117	37.12	cps
Erbium	164-2	57	73	77	69	15.55	cps
Gadolinium	160-1	142	150	142	144	3.33	cps
Gadolinium	160-2	263	257	253	258	1.98	cps
Holmium	165-1	22112166	21926669	22034007	22024280	0.42	cps
Holmium	165-2	11075261	11074464	11118104	11089276	0.23	cps
Indium	115-1	15601638	15578624	15510579	15563614	0.30	cps
Indium	115-2	2843101	2892943	2890774	2875606	0.98	cps
Iron	56-2	50760941	50778476	51635887	51058435	0.98	cps
Iron	57-2	1222127	1229773	1232279	1228060	0.43	cps
Krypton	83-1	740	573	607	640	13.78	cps
Lead	206-1	2611	2945	3173	2910	9.70	cps
Lead	207-1	2317	2473	2450	2413	3.49	cps
Lead	208-1	11241	11402	11580	11408	1.49	cps
Lithium	6-1	5003463	5020027	5038770	5020753	0.35	cps
Magnesium	24-2	6924203	6896448	6988330	6936327	0.68	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-04	Instrumnet Name :	P7
Client Sample ID :	SS037MW036-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:43:38	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	455730	455470	463254	458151	0.96	cps
Molybdenum	94-1	11672	11121	11622	11472	2.65	cps
Molybdenum	95-1	17019	17461	17820	17433	2.30	cps
Molybdenum	96-1	19405	19338	19364	19369	0.17	cps
Molybdenum	97-1	10446	11780	10663	10963	6.53	cps
Molybdenum	98-1	27619	27936	27995	27850	0.73	cps
Neodymium	150-1	293	287	133	238	38.07	cps
Neodymium	150-2	37	33	37	36	5.42	cps
Nickel	60-2	88053	89665	89495	89071	0.99	cps
Phosphorus	31-2	983	950	1033	989	4.24	cps
Potassium	39-2	612552	619717	623877	618715	0.93	cps
Rhodium	103-1	13765962	13718096	13751709	13745256	0.18	cps
Rhodium	103-2	6745358	6791421	6774204	6770328	0.34	cps
Scandium	45-1	9822355	9951560	9889263	9887726	0.65	cps
Scandium	45-2	428538	437559	438680	434925	1.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	85	83	94	88	6.79	cps
Selenium	82-1	472	598	553	541	11.78	cps
Silicon	28-1	164330729	165176345	166540270	165349115	0.67	cps
Silver	109-1	1183	1450	1667	1433	16.89	cps
Silver	107-1	1108	1400	1750	1420	22.63	cps
Sodium	23-2	48319370	48224071	49283837	48609092	1.21	cps
Strontium	86-1	3349274	3368424	3370045	3362581	0.34	cps
Strontium	88-1	29713055	29567217	30040251	29773508	0.81	cps
Sulfur	34-1	782545	785335	787827	785236	0.34	cps
Terbium	159-1	22266571	22270004	22432256	22322944	0.42	cps
Terbium	159-2	10836675	10974032	10827201	10879302	0.76	cps
Thallium	203-1	1500	1375	1408	1428	4.53	cps
Thallium	205-1	3242	3559	3559	3453	5.30	cps
Thorium	232-1	600	517	583	567	7.78	cps
Tin	118-1	1925	1684	1984	1864	8.54	cps
Titanium	47-1	3417	3317	3551	3428	3.42	cps
Uranium	238-1	217	192	142	183	20.83	cps
Vanadium	51-2	3741	3621	3631	3664	1.82	cps
Yttrium	89-1	15511506	15423658	15684926	15540030	0.86	cps
Yttrium	89-2	2169665	2193587	2181601	2181618	0.55	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-04	Instrumnet Name :	P7
Client Sample ID :	SS037MW036-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:43:38	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17631	18302	18255	18063	2.07	cps
Zirconium	90-1	3784	3742	3626	3717	2.21	cps
Zirconium	91-1	1008	1117	1142	1089	6.51	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : K1195-05 Instrumnet Name : P7
 Client Sample ID : SS038MW013-190116 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 15:47:16 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5702	6754	6337	6264	8.46	cps
Antimony	121-1	767	867	825	820	6.13	cps
Arsenic	75-2	88619	88921	88394	88645	0.30	cps
Barium	135-1	1355917	1363980	1373102	1364333	0.63	cps
Barium	137-1	2382732	2390357	2402446	2391845	0.42	cps
Beryllium	9-1	147	183	150	160	12.67	cps
Bismuth	209-1	13081013	13903405	12904381	13296266	4.01	cps
Bismuth	209-2	7429503	7343059	7225417	7332659	1.40	cps
Boron	10-1	376627	380218	376853	377899	0.53	cps
Boron	11-1	1783883	1780654	1775504	1780013	0.24	cps
Cadmium	111-1	5481	5828	5333	5547	4.59	cps
Cadmium	106-1	6769	7244	6402	6805	6.20	cps
Cadmium	108-1	75	150	46	90	59.53	cps
Calcium	43-1	7093980	7091394	7079297	7088224	0.11	cps
Calcium	44-1	115550586	115990923	115954323	115831944	0.21	cps
Chromium	52-2	6331	6478	6715	6508	2.97	cps
Cobalt	59-2	1920	2127	2040	2029	5.12	cps
Copper	63-2	4564	4047	4117	4243	6.61	cps
Dysprosium	156-1	317	250	283	283	11.77	cps
Dysprosium	156-2	143	153	167	154	7.58	cps
Erbium	164-1	283	342	417	347	19.25	cps
Erbium	164-2	150	120	130	133	11.46	cps
Gadolinium	160-1	392	275	392	353	19.09	cps
Gadolinium	160-2	377	417	403	399	5.11	cps
Holmium	165-1	22111074	23203159	21648325	22320853	3.58	cps
Holmium	165-2	11237803	11130908	10951789	11106833	1.30	cps
Indium	115-1	15383753	16346112	15153887	15627917	4.05	cps
Indium	115-2	2913388	2902354	2869337	2895026	0.79	cps
Iron	56-2	39013884	39262258	39313833	39196658	0.41	cps
Iron	57-2	956347	952370	951117	953278	0.29	cps
Krypton	83-1	633	620	697	650	6.30	cps
Lead	206-1	11322	11016	10938	11092	1.83	cps
Lead	207-1	8648	8903	9281	8944	3.57	cps
Lead	208-1	41966	42222	42606	42265	0.76	cps
Lithium	6-1	5051621	5250539	4979627	5093929	2.75	cps
Magnesium	24-2	6816348	6863548	6815092	6831662	0.40	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-05	Instrumnet Name :	P7
Client Sample ID :	SS038MW013-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:47:16	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1158616	1161164	1158453	1159411	0.13	cps
Molybdenum	94-1	9445	9937	9496	9626	2.81	cps
Molybdenum	95-1	13957	13766	14474	14066	2.61	cps
Molybdenum	96-1	15426	15851	15334	15537	1.78	cps
Molybdenum	97-1	8495	8911	8536	8647	2.66	cps
Molybdenum	98-1	22126	22669	22869	22555	1.70	cps
Neodymium	150-1	640	453	560	551	16.99	cps
Neodymium	150-2	163	160	163	162	1.19	cps
Nickel	60-2	15278	15488	15125	15297	1.19	cps
Phosphorus	31-2	14458	14708	14524	14563	0.89	cps
Potassium	39-2	518335	522056	517471	519287	0.47	cps
Rhodium	103-1	13774901	14401213	13504460	13893525	3.31	cps
Rhodium	103-2	6836966	6790691	6685812	6771156	1.14	cps
Scandium	45-1	9860895	10326986	9591079	9926320	3.75	cps
Scandium	45-2	436678	435789	428542	433670	1.03	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	96	81	96	91	9.37	cps
Selenium	82-1	372	422	437	410	8.32	cps
Silicon	28-1	162676962	161083687	162387329	162049326	0.52	cps
Silver	109-1	1750	1967	2342	2020	14.82	cps
Silver	107-1	1842	1900	2309	2017	12.61	cps
Sodium	23-2	46601061	47048425	46627984	46759157	0.54	cps
Strontium	86-1	2972231	2952966	2973499	2966232	0.39	cps
Strontium	88-1	26027653	26218571	26055004	26100409	0.40	cps
Sulfur	34-1	672433	670390	675009	672611	0.34	cps
Terbium	159-1	22288705	23510911	21876841	22558819	3.77	cps
Terbium	159-2	11036072	10884767	10695143	10871994	1.57	cps
Thallium	203-1	1592	1383	1550	1508	7.31	cps
Thallium	205-1	3367	3259	3242	3289	2.06	cps
Thorium	232-1	1372	1106	1222	1233	10.84	cps
Tin	118-1	1383	1433	1584	1467	7.10	cps
Titanium	47-1	6977	6660	6852	6830	2.34	cps
Uranium	238-1	992	1017	1626	1211	29.63	cps
Vanadium	51-2	2900	2864	2850	2871	0.90	cps
Yttrium	89-1	15470276	16346389	15293271	15703312	3.59	cps
Yttrium	89-2	2193816	2167570	2146783	2169390	1.09	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	K1195-05	Instrumnet Name :	P7
Client Sample ID :	SS038MW013-190116	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:47:16	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8116	8122	8216	8151	0.69	cps
Zirconium	90-1	3867	4176	4476	4173	7.29	cps
Zirconium	91-1	1575	1117	1358	1350	16.99	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : CCV83 Instrumnet Name : P7
 Client Sample ID : CCV83 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 15:54:01 DataFile Name : 061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13646304	13574727	13726608	13649213	0.56	cps
Antimony	121-1	9016041	9077101	9155186	9082776	0.77	cps
Arsenic	75-2	317682	320376	322608	320222	0.77	cps
Barium	135-1	12677343	12608847	12785282	12690491	0.70	cps
Barium	137-1	22233764	22361536	22441945	22345748	0.47	cps
Beryllium	9-1	2556125	2553479	2550438	2553347	0.11	cps
Bismuth	209-1	11977875	11757052	11731916	11822281	1.14	cps
Bismuth	209-2	6694668	6690497	6651663	6678943	0.36	cps
Boron	10-1	534208	539976	552898	542361	1.76	cps
Boron	11-1	2479002	2519107	2563247	2520452	1.67	cps
Cadmium	111-1	2595631	2643175	2661085	2633297	1.28	cps
Cadmium	106-1	307602	307710	308600	307971	0.18	cps
Cadmium	108-1	204139	208205	210344	207563	1.52	cps
Calcium	43-1	15931608	15972691	16036194	15980164	0.33	cps
Calcium	44-1	262960814	260945756	262983281	262296617	0.45	cps
Chromium	52-2	3252965	3274981	3291540	3273162	0.59	cps
Cobalt	59-2	5175232	5250613	5251048	5225631	0.84	cps
Copper	63-2	7102895	7123999	7095414	7107436	0.21	cps
Dysprosium	156-1	350	317	392	353	10.65	cps
Dysprosium	156-2	213	243	210	222	8.26	cps
Erbium	164-1	158	242	133	178	31.91	cps
Erbium	164-2	70	53	53	59	16.34	cps
Gadolinium	160-1	233	333	267	278	18.33	cps
Gadolinium	160-2	290	350	367	336	12.02	cps
Holmium	165-1	22158955	21442490	21525868	21709104	1.80	cps
Holmium	165-2	11139019	11171610	11225002	11178544	0.39	cps
Indium	115-1	15114386	14631802	14604233	14783474	1.94	cps
Indium	115-2	2841989	2859753	2883822	2861855	0.73	cps
Iron	56-2	710399638	712920371	713135638	712151883	0.21	cps
Iron	57-2	17603136	17637934	17695975	17645682	0.27	cps
Krypton	83-1	713	657	730	700	5.49	cps
Lead	206-1	8797137	8795252	8783139	8791842	0.09	cps
Lead	207-1	7646543	7667311	7731024	7681626	0.57	cps
Lead	208-1	34343813	34523624	34639916	34502451	0.43	cps
Lithium	6-1	5046981	4882735	4919006	4949574	1.74	cps
Magnesium	24-2	143867474	143519166	144900874	144095838	0.50	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:54:01	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3991174	3985826	4000299	3992433	0.18	cps
Molybdenum	94-1	20521565	20810738	20670058	20667454	0.70	cps
Molybdenum	95-1	25234507	25385980	25546315	25388934	0.61	cps
Molybdenum	96-1	27987136	27856749	28035440	27959775	0.33	cps
Molybdenum	97-1	15629486	15723590	15873719	15742265	0.78	cps
Molybdenum	98-1	40653761	40603903	40991160	40749608	0.52	cps
Neodymium	150-1	1207	1107	1347	1220	9.88	cps
Neodymium	150-2	210	187	190	196	6.46	cps
Nickel	60-2	1336625	1336204	1344553	1339127	0.35	cps
Phosphorus	31-2	133829	131728	134234	133264	1.01	cps
Potassium	39-2	61497314	61890693	62536956	61974987	0.85	cps
Rhodium	103-1	12960509	12493954	12651455	12701973	1.87	cps
Rhodium	103-2	6396704	6375451	6424972	6399042	0.39	cps
Scandium	45-1	9885046	9736810	9671386	9764414	1.12	cps
Scandium	45-2	456194	458884	460998	458692	0.52	cps
Selenium	77-2	9330	9760	9410	9500	2.41	cps
Selenium	78-2	31434	31898	32098	31810	1.07	cps
Selenium	82-1	202025	203123	206844	203997	1.24	cps
Silicon	28-1	8434841	8666633	8950709	8684061	2.98	cps
Silver	109-1	12228495	12209691	12350758	12262981	0.62	cps
Silver	107-1	12619025	12745692	12810667	12725128	0.77	cps
Sodium	23-2	267608814	268989431	268608206	268402150	0.27	cps
Strontium	86-1	3301224	3307791	3363518	3324178	1.03	cps
Strontium	88-1	29086066	29239698	29530475	29285413	0.77	cps
Sulfur	34-1	1772705	1782714	1808525	1787982	1.03	cps
Terbium	159-1	22500930	21777101	21779664	22019232	1.89	cps
Terbium	159-2	10935979	10926282	10916344	10926202	0.09	cps
Thallium	203-1	10892632	10946939	10982662	10940744	0.41	cps
Thallium	205-1	25975202	26091658	26165775	26077545	0.37	cps
Thorium	232-1	37825204	37923244	37528536	37758995	0.54	cps
Tin	118-1	8808197	8846000	8851019	8835072	0.26	cps
Titanium	47-1	7444680	7389845	7530046	7454857	0.95	cps
Uranium	238-1	36494705	36221894	36084390	36266996	0.58	cps
Vanadium	51-2	2605734	2638174	2636425	2626778	0.69	cps
Yttrium	89-1	15590916	15339691	15304164	15411591	1.01	cps
Yttrium	89-2	2247216	2252194	2251940	2250450	0.12	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:54:01	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1163820	1176731	1177333	1172628	0.65	cps
Zirconium	90-1	17156997	17331045	17265637	17251226	0.51	cps
Zirconium	91-1	3716780	3798291	3809996	3775022	1.35	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : CCB83 Instrumnet Name : P7
 Client Sample ID : CCB83 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 15:59:42 DataFile Name : 062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1000	767	925	897	13.28	cps
Antimony	121-1	2034	1984	2050	2022	1.72	cps
Arsenic	75-2	41	41	37	40	5.41	cps
Barium	135-1	833	717	833	795	8.48	cps
Barium	137-1	1408	1525	1433	1456	4.22	cps
Beryllium	9-1	370	360	320	350	7.56	cps
Bismuth	209-1	14762851	14634716	14939173	14778913	1.03	cps
Bismuth	209-2	8567452	8508731	8536527	8537570	0.34	cps
Boron	10-1	13432	12706	13181	13106	2.81	cps
Boron	11-1	61836	60321	58849	60335	2.47	cps
Cadmium	111-1	5292	5188	5186	5222	1.16	cps
Cadmium	106-1	7269	7010	7069	7116	1.91	cps
Cadmium	108-1	67	46	29	47	39.79	cps
Calcium	43-1	1175	1217	1517	1303	14.31	cps
Calcium	44-1	27610	27585	27184	27460	0.87	cps
Chromium	52-2	2060	1944	2077	2027	3.58	cps
Cobalt	59-2	450	367	457	424	11.81	cps
Copper	63-2	2447	2347	2417	2404	2.14	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	108	33	75	72	52.04	cps
Erbium	164-2	7	10	20	12	56.76	cps
Gadolinium	160-1	50	125	92	89	42.28	cps
Gadolinium	160-2	243	283	293	273	9.68	cps
Holmium	165-1	21877452	21813380	21841155	21843996	0.15	cps
Holmium	165-2	11283516	11220481	11093024	11199007	0.87	cps
Indium	115-1	16181203	16039011	16201377	16140530	0.55	cps
Indium	115-2	3038094	3048665	3031654	3039471	0.28	cps
Iron	56-2	54635	52957	51602	53065	2.86	cps
Iron	57-2	1111	1422	1211	1248	12.73	cps
Krypton	83-1	703	670	770	714	7.13	cps
Lead	206-1	2261	2206	2289	2252	1.88	cps
Lead	207-1	2095	1950	1822	1956	6.97	cps
Lead	208-1	9235	8751	8501	8829	4.22	cps
Lithium	6-1	5376339	5340099	5405771	5374070	0.61	cps
Magnesium	24-2	10020	9312	9687	9673	3.67	cps

LB Number : LB100444 Operator : Jaswal
 Lab Sample ID : CCB83 Instrumnet Name : P7
 Client Sample ID : CCB83 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-22 15:59:42 DataFile Name : 062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	330	287	303	307	7.13	cps
Molybdenum	94-1	2600	2592	2575	2589	0.49	cps
Molybdenum	95-1	3317	2934	2784	3012	9.14	cps
Molybdenum	96-1	3601	3492	3217	3437	5.75	cps
Molybdenum	97-1	2259	1859	2059	2059	9.72	cps
Molybdenum	98-1	5393	4734	4884	5004	6.90	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	203	247	157	202	22.26	cps
Phosphorus	31-2	275	325	283	294	9.10	cps
Potassium	39-2	34182	33197	33664	33681	1.46	cps
Rhodium	103-1	14805484	14904689	14838804	14849659	0.34	cps
Rhodium	103-2	7358024	7342904	7338206	7346378	0.14	cps
Scandium	45-1	10317322	10300366	10353412	10323700	0.26	cps
Scandium	45-2	457531	454599	456497	456209	0.33	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	89	85	93	89	4.16	cps
Selenium	82-1	50	100	-1	50	101.77	cps
Silicon	28-1	456101	455489	454232	455274	0.21	cps
Silver	109-1	9479	11105	13732	11438	18.76	cps
Silver	107-1	9729	12147	13699	11858	16.87	cps
Sodium	23-2	74586	71848	72408	72947	1.98	cps
Strontium	86-1	1408	1408	1450	1422	1.69	cps
Strontium	88-1	2217	2059	2425	2234	8.23	cps
Sulfur	34-1	561146	562328	562520	561998	0.13	cps
Terbium	159-1	22229102	22164241	22255287	22216210	0.21	cps
Terbium	159-2	11095332	10916362	10908686	10973460	0.96	cps
Thallium	203-1	2592	2475	2617	2561	2.95	cps
Thallium	205-1	5851	6577	5510	5979	9.11	cps
Thorium	232-1	4746	4429	4607	4594	3.46	cps
Tin	118-1	2300	2209	2067	2192	5.36	cps
Titanium	47-1	675	650	633	653	3.21	cps
Uranium	238-1	2367	2459	2392	2406	1.97	cps
Vanadium	51-2	143	157	233	178	27.32	cps
Yttrium	89-1	16081069	15938889	16121570	16047176	0.60	cps
Yttrium	89-2	2262815	2234910	2245461	2247729	0.63	cps

LB Number :	LB100444	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P7
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2019-01-22 15:59:42	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	583	460	497	513	12.34	cps
Zirconium	90-1	2392	2159	2550	2367	8.33	cps
Zirconium	91-1	533	533	508	525	2.75	cps