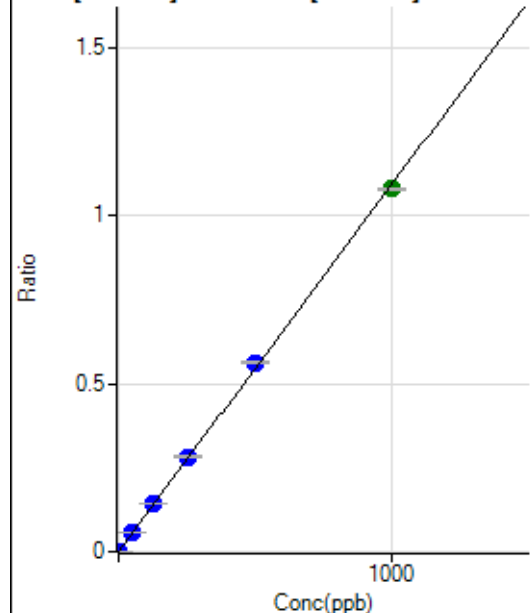


Batch Folder: D:\ICP-MS Data\P7022119 MS.b\
Analysis File: P7022119 MS.batch.bin
DA Date-Time: 2019-02-21 15:21:56
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-02-21 11:14:29
2			
3	005CALS.d	S02	2019-02-21 11:23:08
4	006CALS.d	S03	2019-02-21 11:27:04
5	007CALS.d	S04	2019-02-21 11:31:09
6	008CALS.d	S05	2019-02-21 11:34:57
7	009CALS.d	S06	2019-02-21 11:38:43
8	010CALS.d	S07	2019-02-21 11:42:30
9	011CALS.d	S08	2019-02-21 11:46:20

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	137.78	0.0000	P	23.8
2	☐	0.100					
3	☐	1.000	1.011	6236.92	0.0011	P	1.1
4	☐	50.000	53.333	320659.20	0.0583	P	0.3
5	☐	125.000	130.741	779648.75	0.1429	P	1.3
6	☐	250.000	258.870	1504241.36	0.2829	P	0.9
7	☐	500.000	515.620	2937758.71	0.5635	P	0.7
8	☐	1000.000	989.088	5633626.10	1.0809	A	0.8
9	☐			1021.16	0.0002	P	4.3

$$y = 0.0011 * x + 2.5417E-005$$

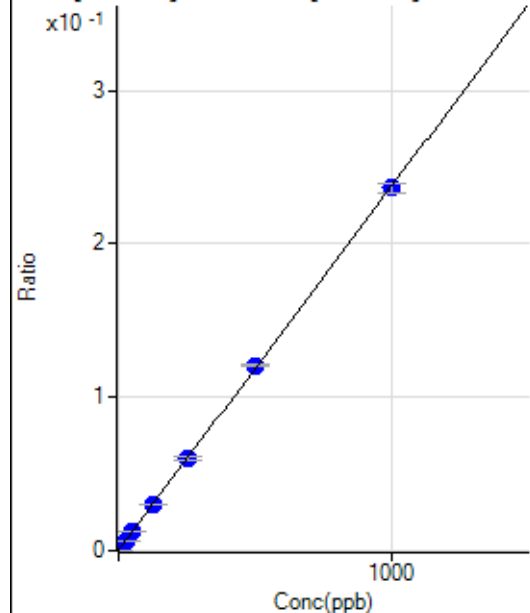
$$R = 0.9998$$

$$DL = 0.01661$$

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	2089.12	0.0004	P	6.7
2	☐	2.500					
3	☐	25.000	23.637	33014.82	0.0060	P	2.5
4	☐	50.000	50.720	68198.70	0.0124	P	1.5
5	☐	125.000	125.817	164714.40	0.0302	P	2.1
6	☐	250.000	252.158	319667.01	0.0601	P	2.4
7	☐	500.000	506.838	628045.68	0.1205	P	0.8
8	☐	1000.000	995.938	1231652.86	0.2363	P	2.4
9	☐			39416.76	0.0077	P	11.7

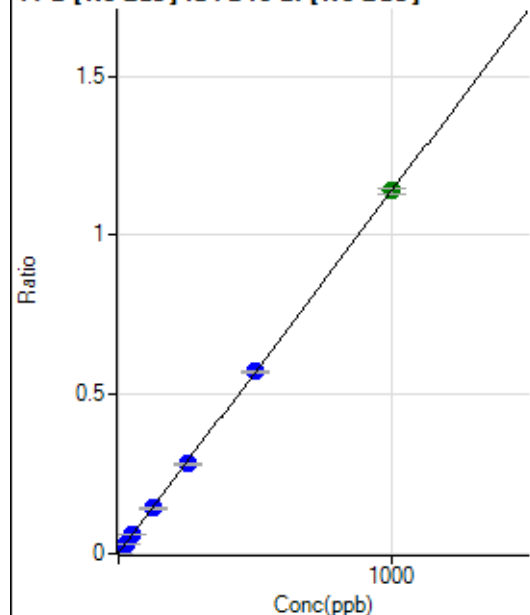
$$y = 2.3691E-004 * x + 3.8544E-004$$

$$R = 1.0000$$

$$DL = 0.3267$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10156.51	0.0019	P	3.8
2	☐	2.500					
3	☐	25.000	23.384	156936.69	0.0285	P	2.4
4	☐	50.000	49.523	319835.24	0.0582	P	2.3
5	☐	125.000	123.737	777455.46	0.1425	P	2.1
6	☐	250.000	247.461	1505317.86	0.2831	P	2.2
7	☐	500.000	500.587	2976129.65	0.5708	P	1.6
8	☐	1000.000	1000.564	5936639.54	1.1391	A	1.4
9	☐			186205.48	0.0362	P	9.2

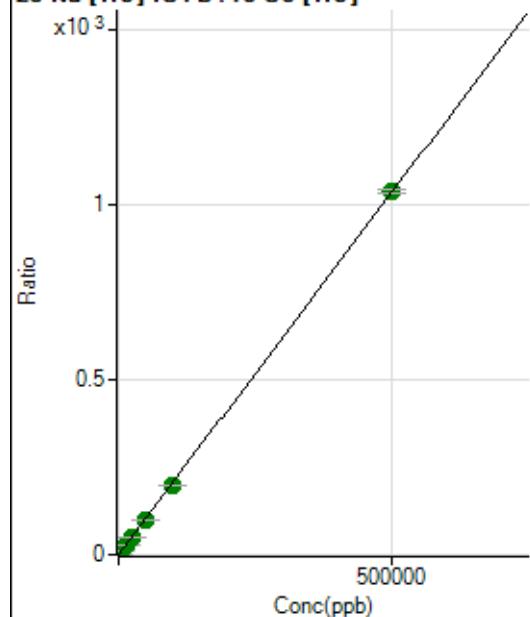
$$y = 0.0011 * x + 0.0019$$

$$R = 1.0000$$

$$DL = 0.1863$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38748.35	0.0547	P	2.3
2	☐	50.000					
3	☐	500.000	463.347	706089.61	1.0138	P	0.9
4	☐	5000.000	4822.637	6972724.20	10.0366	A	0.7
5	☐	12500.000	12104.053	17004008.54	25.1076	A	1.2
6	☐	25000.000	24179.158	33683790.68	50.1005	A	0.8
7	☐	50000.000	47763.905	67742227.21	98.9160	A	1.9
8	☐	100000.00	95753.853	140909953.15	198.2451	A	0.1
9	☐	500000.00	501125.59	796989728.92	1,037.279	A	1.1

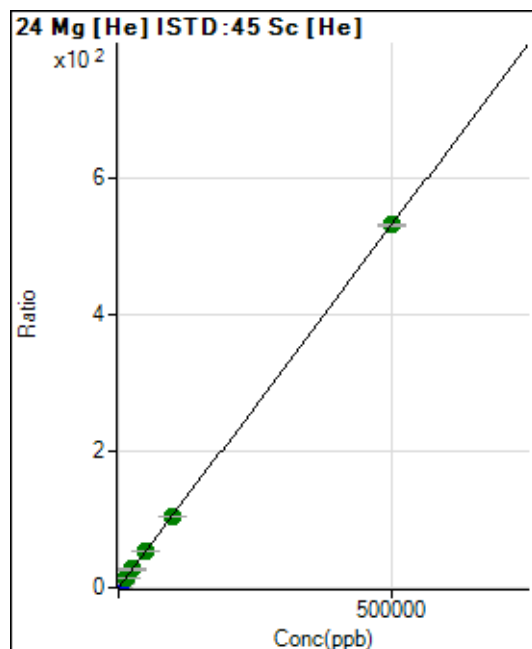
$$y = 0.0021 * x + 0.0547$$

$$R = 1.0000$$

$$DL = 1.817$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	302.79	0.0004	P	27.1
2	☐	50.000					
3	☐	500.000	495.263	366422.09	0.5261	P	1.6
4	☐	5000.000	5042.066	3718203.65	5.3520	P	0.1
5	☐	12500.000	12640.414	9085896.90	13.4167	A	1.6
6	☐	25000.000	25224.585	18000255.79	26.7732	A	0.7
7	☐	50000.000	49398.998	35911719.20	52.4313	A	0.6
8	☐	100000.00	98559.661	74355822.49	104.6092	A	0.9
9	☐	500000.00	500333.01	408004109.12	531.0416	A	0.6

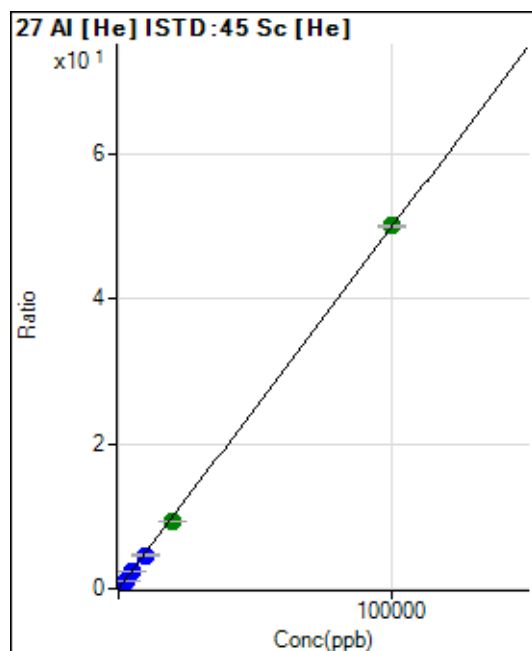
$$y = 0.0011 * x + 4.2784E-004$$

$$R = 1.0000$$

$$DL = 0.3275$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0001	P	49.6
2	☐	2.000					
3	☐	20.000	17.824	6259.91	0.0090	P	5.1
4	☐	1000.000	934.525	324052.95	0.4664	P	0.2
5	☐	2500.000	2351.102	794614.01	1.1733	P	1.3
6	☐	5000.000	4642.416	1557619.15	2.3167	P	0.5
7	☐	10000.000	9288.697	3174972.99	4.6353	P	0.5
8	☐	20000.000	18593.160	6595035.26	9.2784	A	0.7
9	☐	100000.00	100374.75	38483275.86	50.0888	A	0.6

$$y = 4.9902E-004 * x + 9.4116E-005$$

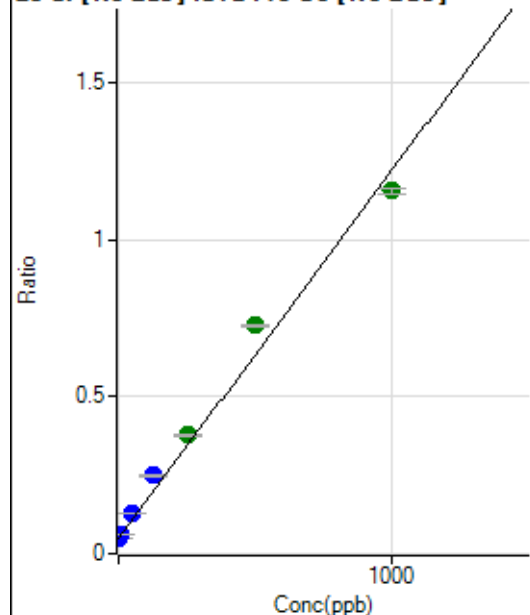
$$R = 0.9999$$

$$DL = 0.2806$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	575786.93	0.0486	P	1.1
2	☐	1.000					
3	☐	10.000	10.261	736246.51	0.0606	P	0.6
4	☐	50.000	66.878	1538183.74	0.1269	P	1.2
5	☐	125.000	170.632	2959034.75	0.2485	P	2.1
6	☐	250.000	280.719	4399564.29	0.3775	A	2.1
7	☐	500.000	580.255	8493109.91	0.7285	A	1.1
8	☐	1000.000	945.642	13741149.35	1.1567	A	1.5
9	☐			1775332.90	0.1471	P	1.6

$$y = 0.0012 * x + 0.0486$$

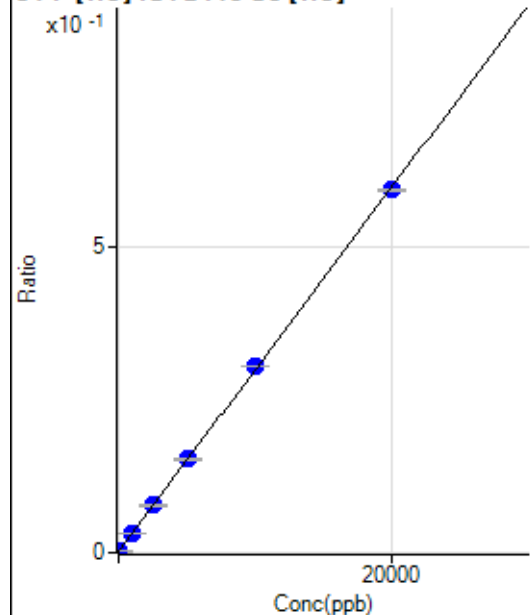
$$R = 0.9937$$

$$DL = 1.422$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-25.389	522.26	0.0007	P	4.3
2	☐	0.000					
3	☐	0.000	25.389	1564.04	0.0022	P	2.6
4	☐	1000.000	1024.450	22169.92	0.0319	P	1.3
5	☐	2500.000	2539.902	52089.11	0.0769	P	1.4
6	☐	5000.000	5085.985	102540.61	0.1525	P	0.8
7	☐	10000.000	10207.072	208615.79	0.3046	P	0.5
8	☐	20000.000	19868.757	420420.72	0.5915	P	0.8
9	☐			969.52	0.0013	P	14.5

$$y = 2.9695E-005 * x + 0.0015$$

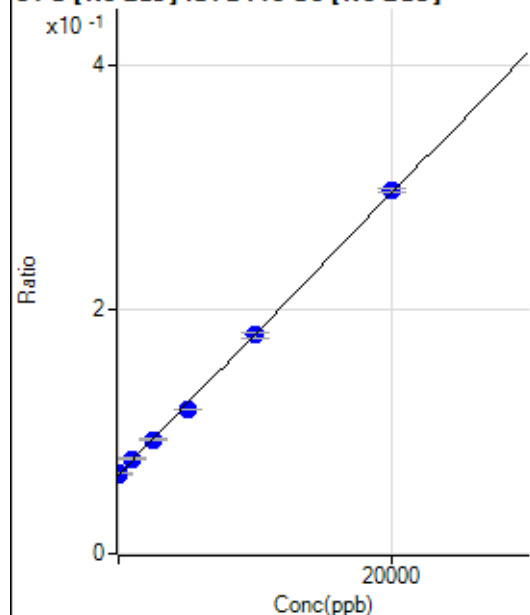
$$R = 0.9999$$

$$DL = 4.534$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-69.005	757552.86	0.0639	P	0.3
2	☐	0.000					
3	☐	0.000	69.005	795739.88	0.0655	P	0.6
4	☐	1000.000	1138.552	942818.54	0.0778	P	0.6
5	☐	2500.000	2487.289	1111350.01	0.0933	P	1.0
6	☐	5000.000	4635.430	1375828.75	0.1181	P	0.8
7	☐	10000.000	9883.213	2080368.97	0.1785	P	2.0
8	☐	20000.000	20144.197	3523581.85	0.2966	P	1.1
9	☐			763411.64	0.0633	P	1.7

$$y = 1.1512\text{E-}005 * x + 0.0647$$

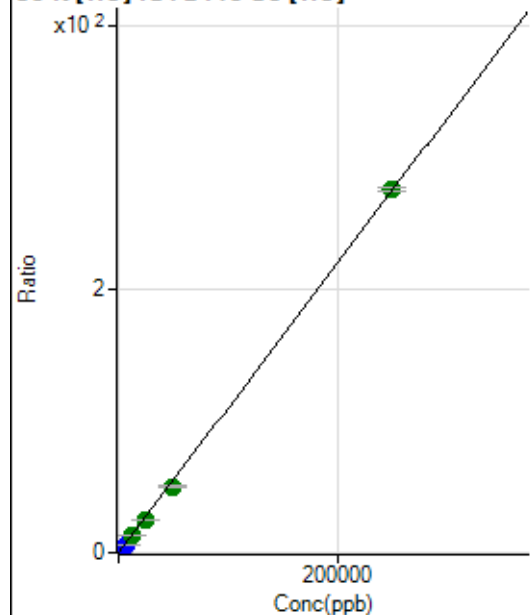
$$R = 0.9997$$

$$DL = 75.95$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52262.53	0.0739	P	0.6
2	☐	50.000					
3	☐	500.000	443.115	390162.53	0.5602	P	0.2
4	☐	2500.000	2299.779	1804796.79	2.5978	P	0.1
5	☐	6250.000	5744.953	4320066.98	6.3788	P	1.0
6	☐	12500.000	11490.692	8528185.61	12.6847	A	0.5
7	☐	25000.000	23001.955	17341058.55	25.3180	A	0.6
8	☐	50000.000	45821.753	35796762.61	50.3623	A	0.2
9	☐	250000.00	251100.66	211783147.79	275.6518	A	1.0

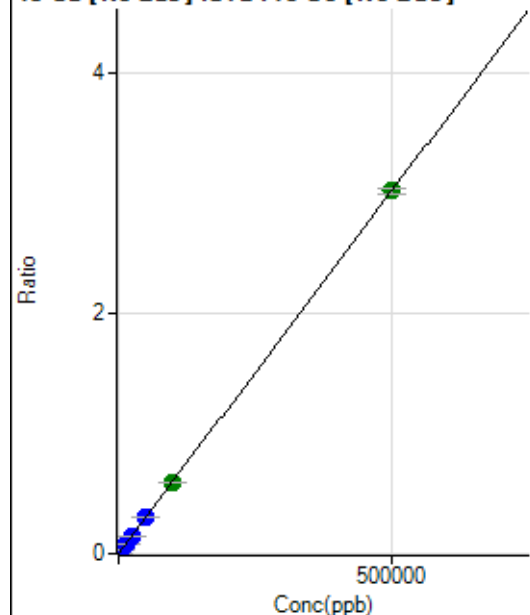
$$y = 0.0011 * x + 0.0739$$

$$R = 0.9998$$

$$DL = 1.229$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	636.16	0.0001	P	6.7
2	☐	50.000					
3	☐	500.000	467.549	34869.82	0.0029	P	2.1
4	☐	5000.000	4942.560	361422.73	0.0298	P	0.7
5	☐	12500.000	12334.606	885409.46	0.0744	P	1.6
6	☐	25000.000	24911.918	1749427.28	0.1501	P	0.6
7	☐	50000.000	49555.622	3480895.87	0.2986	P	0.7
8	☐	100000.00	97209.332	6957183.57	0.5856	A	0.6
9	☐	500000.00	500611.71	36382352.55	3.0156	A	1.4

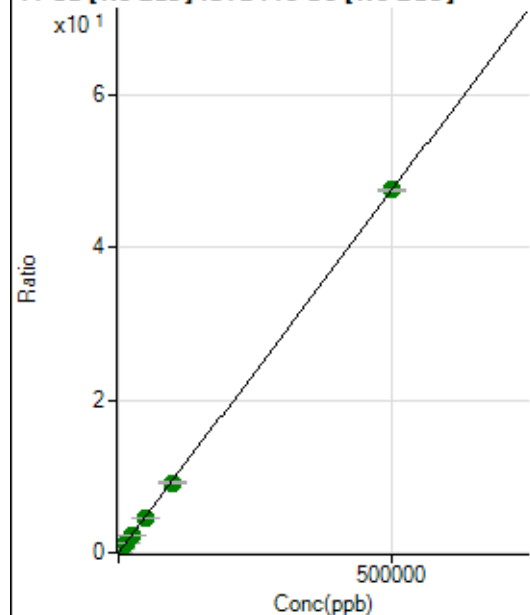
$$y = 6.0237\text{E-}006 * x + 5.3652\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.803$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105909.59	0.0089	P	2.2
2	☐	50.000					
3	☐	500.000	468.213	649024.91	0.0534	P	0.3
4	☐	5000.000	4819.489	5656646.83	0.4668	A	1.0
5	☐	12500.000	12111.290	13807677.57	1.1596	A	1.1
6	☐	25000.000	24200.405	26897937.41	2.3081	A	0.7
7	☐	50000.000	48445.009	53763357.11	4.6114	A	0.5
8	☐	100000.00	96692.192	109239298.27	9.1951	A	0.8
9	☐	500000.00	500868.59	574256396.17	47.5936	A	0.6

$$y = 9.5004\text{E-}005 * x + 0.0089$$

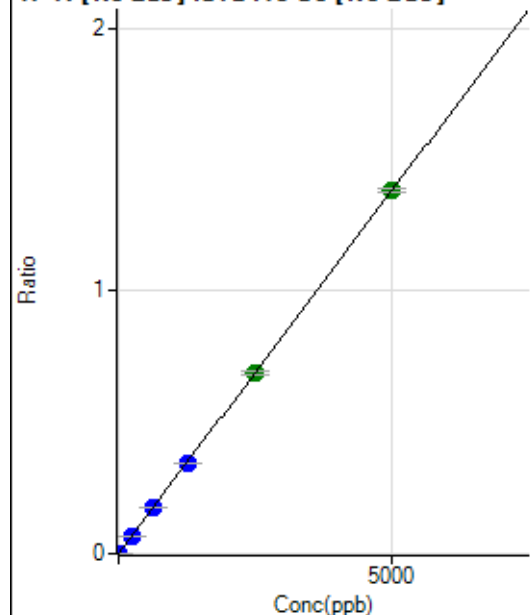
$$R = 1.0000$$

$$DL = 6.346$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1036.20	0.0001	P	4.8
2	☐	0.500					
3	☐	5.000	4.886	17455.44	0.0014	P	1.2
4	☐	250.000	249.371	835573.43	0.0690	P	0.5
5	☐	625.000	628.811	2068894.12	0.1737	P	0.8
6	☐	1250.000	1249.997	4023933.68	0.3453	P	1.3
7	☐	2500.000	2492.857	8026324.31	0.6885	A	1.4
8	☐	5000.000	5003.127	16415463.21	1.3818	A	0.9
9	☐			7382.68	0.0006	P	2.7

$$y = 2.7616\text{E-}004 * x + 8.7392\text{E-}005$$

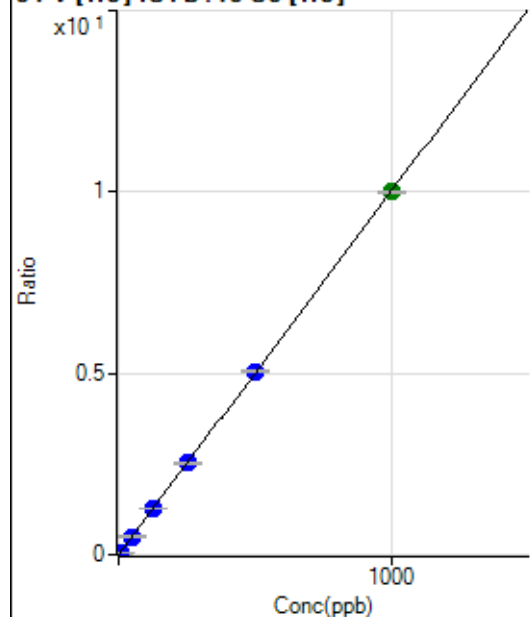
$$R = 1.0000$$

$$DL = 0.04577$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.44	0.0000	P	34.8
2	☐	0.500					
3	☐	5.000	5.019	35079.59	0.0504	P	0.9
4	☐	50.000	50.127	349365.17	0.5029	P	0.6
5	☐	125.000	125.860	855074.14	1.2626	P	1.4
6	☐	250.000	251.898	1698938.45	2.5270	P	1.0
7	☐	500.000	503.460	3459299.91	5.0506	P	0.7
8	☐	1000.000	997.681	7113827.81	10.0084	A	0.5
9	☐			2223.54	0.0029	P	3.5

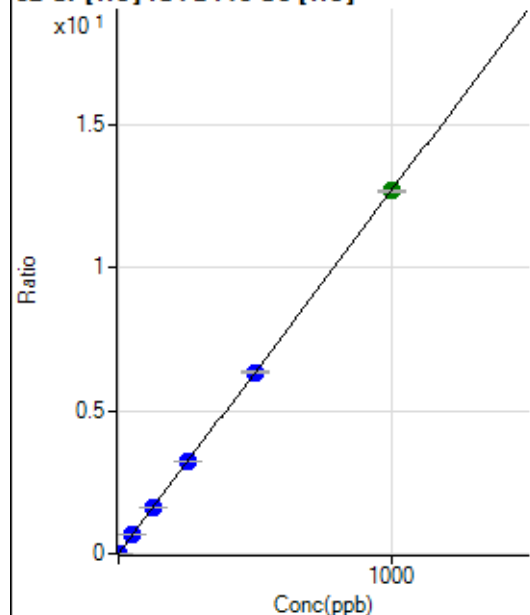
$$y = 0.0100 * x + 2.0391\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.00212$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4041.73	0.0057	P	2.6
2	☐	0.200					
3	☐	2.000	1.965	21364.57	0.0307	P	1.1
4	☐	50.000	50.791	452287.23	0.6510	P	0.2
5	☐	125.000	126.580	1093078.49	1.6139	P	0.6
6	☐	250.000	253.125	2166005.05	3.2217	P	0.8
7	☐	500.000	499.386	4349380.60	6.3504	P	0.9
8	☐	1000.000	999.289	9028127.09	12.7017	A	0.9
9	☐			178529.93	0.2324	P	0.7

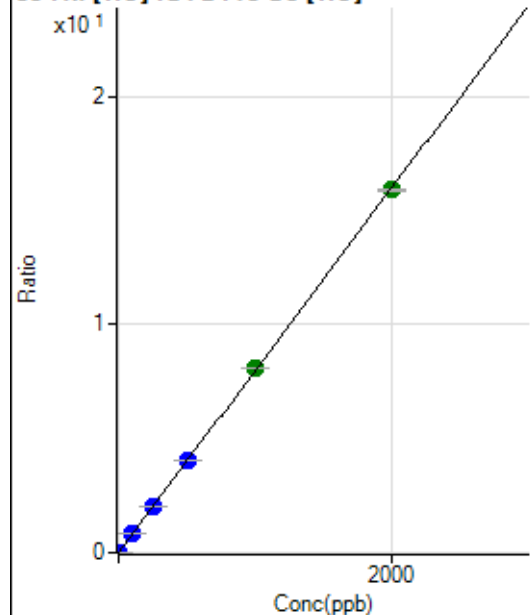
$$y = 0.0127 * x + 0.0057$$

$$R = 1.0000$$

$$DL = 0.03571$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103.34	0.0001	P	24.1
2	☐	0.100					
3	☐	1.000	1.010	5717.88	0.0082	P	2.7
4	☐	100.000	102.510	568687.51	0.8186	P	0.9
5	☐	250.000	254.913	1378404.48	2.0354	P	1.4
6	☐	500.000	509.577	2735429.41	4.0686	P	0.7
7	☐	1000.000	1012.028	5534350.27	8.0802	A	0.3
8	☐	2000.000	1990.852	11298016.77	15.8951	A	0.8
9	☐			61379.77	0.0799	P	0.8

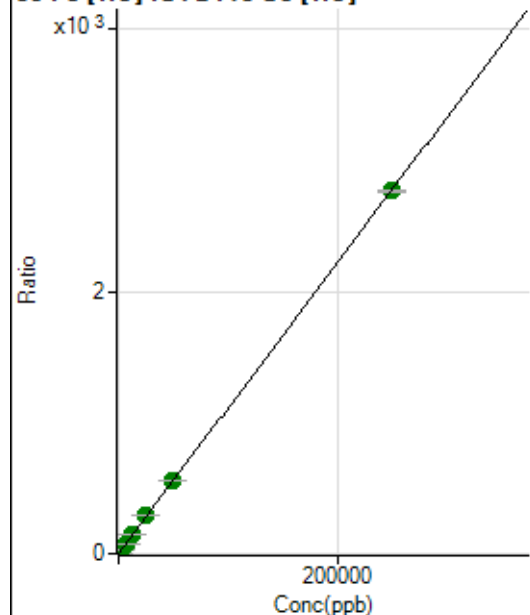
$$y = 0.0080 * x + 1.4594E-004$$

$$R = 1.0000$$

$$DL = 0.01321$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13999.64	0.0198	P	2.5
2	☐	5.000					
3	☐	50.000	55.140	439598.64	0.6312	P	0.9
4	☐	2500.000	2629.974	20271885.17	29.1803	A	1.2
5	☐	6250.000	6552.125	49211021.93	72.6682	A	1.7
6	☐	12500.000	13154.501	98075824.41	145.8738	A	0.7
7	☐	25000.000	26002.858	197478361.82	288.3333	A	0.9
8	☐	50000.000	50459.074	397682997.78	559.4980	A	0.1
9	☐	250000.00	249766.32	2127769662.3	2,769.369	A	0.5

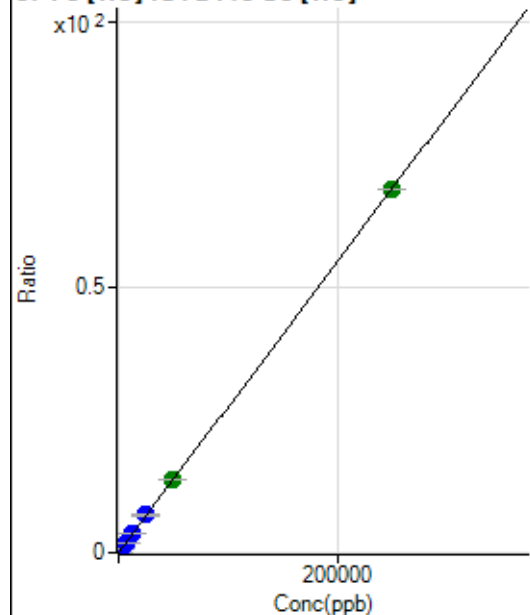
$$y = 0.0111 * x + 0.0198$$

$$R = 1.0000$$

$$DL = 0.1363$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333.35	0.0005	P	10.2
2	☐	5.000					
3	☐	50.000	56.616	11126.73	0.0160	P	1.7
4	☐	2500.000	2612.149	497293.44	0.7158	P	1.4
5	☐	6250.000	6545.519	1214316.11	1.7930	P	1.1
6	☐	12500.000	13135.758	2418907.37	3.5978	P	0.2
7	☐	25000.000	25883.272	4854996.98	7.0888	P	1.2
8	☐	50000.000	50667.958	9863097.79	13.8764	A	0.3
9	☐	250000.00	249737.78	52547663.67	68.3935	A	0.1

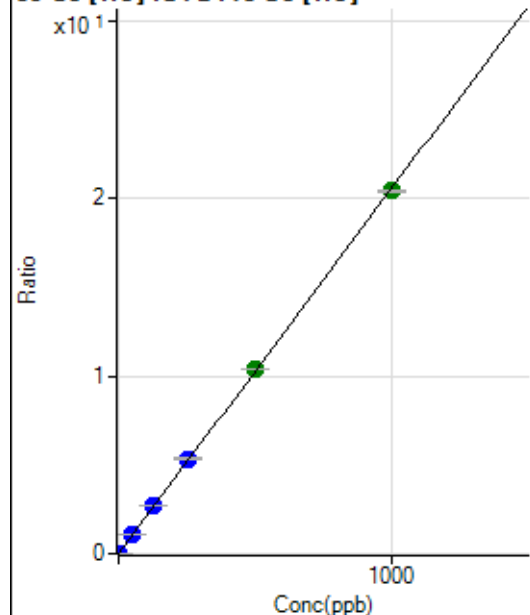
$$y = 2.7386E-004 * x + 4.7108E-004$$

$$R = 1.0000$$

$$DL = 0.5271$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	126.67	0.0002	P	30.9
2	☐	0.100					
3	☐	1.000	0.987	14260.44	0.0205	P	0.7
4	☐	50.000	52.238	746489.59	1.0745	P	0.8
5	☐	125.000	131.041	1825287.94	2.6952	P	1.2
6	☐	250.000	260.582	3603234.94	5.3594	P	0.6
7	☐	500.000	505.884	7125878.78	10.4043	A	0.8
8	☐	1000.000	993.545	14523868.39	20.4336	A	0.6
9	☐			180373.33	0.2348	P	0.3

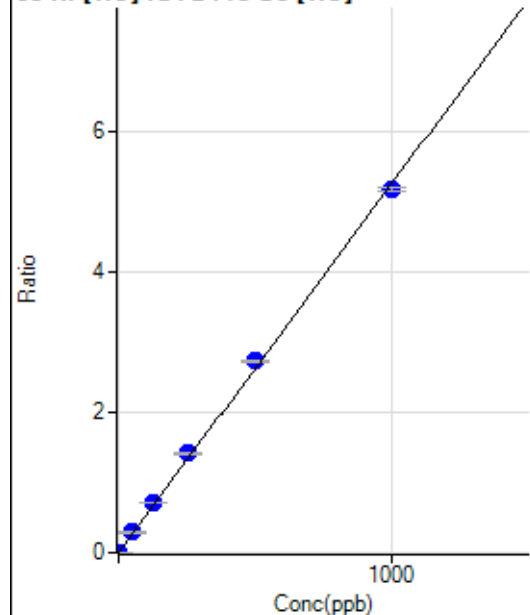
$$y = 0.0206 * x + 1.7893E-004$$

$$R = 0.9999$$

$$DL = 0.00807$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	245.56	0.0003	P	2.0
2	☐	0.100					
3	☐	1.000	1.119	4328.48	0.0062	P	1.3
4	☐	50.000	54.738	199633.98	0.2874	P	0.3
5	☐	125.000	135.837	482574.45	0.7126	P	1.4
6	☐	250.000	268.590	947074.79	1.4086	P	1.1
7	☐	500.000	519.268	1864970.42	2.7230	P	0.9
8	☐	1000.000	984.127	3667977.34	5.1604	P	0.9
9	☐			75788.15	0.0986	P	1.5

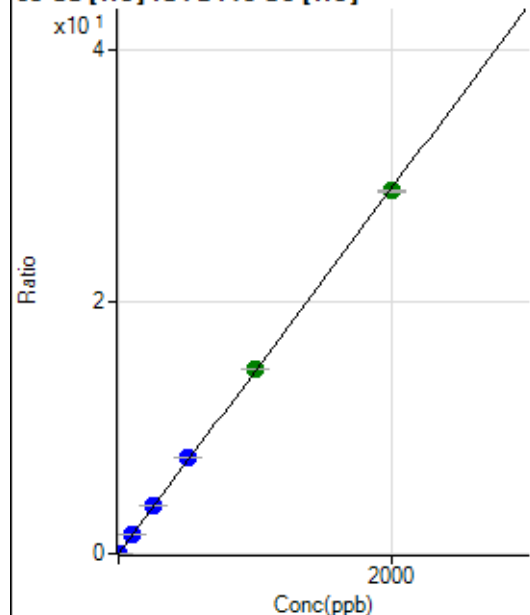
$$y = 0.0052 * x + 3.4700E-004$$

$$R = 0.9995$$

$$DL = 0.003883$$

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	3202.63	0.0045	P	1.0
2	☐	0.200					
3	☐	2.000	2.051	23848.55	0.0342	P	1.7
4	☐	100.000	106.266	1072783.82	1.5442	P	0.4
5	☐	250.000	264.982	2603014.53	3.8437	P	1.6
6	☐	500.000	525.047	5117506.42	7.6117	P	0.9
7	☐	1000.000	1010.480	10030343.53	14.6450	A	0.8
8	☐	2000.000	1986.313	20459076.92	28.7834	A	0.6
9	☐			35635.78	0.0464	P	1.1

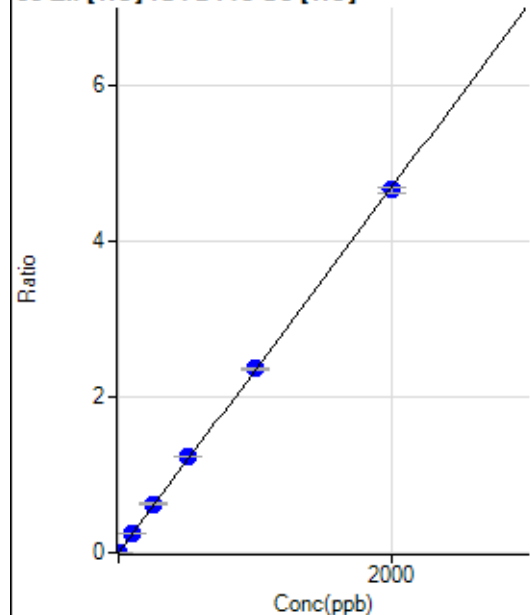
$$y = 0.0145 * x + 0.0045$$

$$R = 0.9999$$

$$DL = 0.009124$$

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	640.03	0.0009	P	15.4
2	☐	0.200					
3	☐	2.000	2.120	4087.31	0.0059	P	1.8
4	☐	100.000	108.538	177148.38	0.2550	P	0.6
5	☐	250.000	267.553	424762.86	0.6272	P	1.8
6	☐	500.000	527.212	830393.81	1.2351	P	0.7
7	☐	1000.000	1007.393	1615799.87	2.3592	P	1.0
8	☐	2000.000	1986.879	3306696.51	4.6521	P	1.4
9	☐			28954.49	0.0377	P	1.1

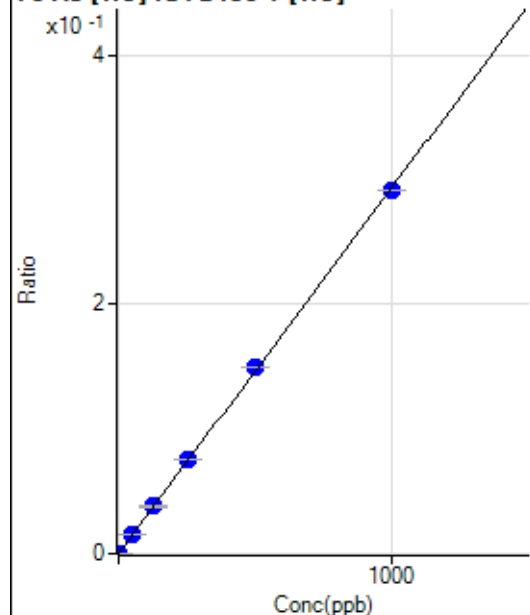
$$y = 0.0023 * x + 9.0496E-004$$

$$R = 0.9999$$

$$DL = 0.1783$$

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	20.99	0.0000	P	13.9
2	☐	0.100					
3	☐	1.000	1.012	1014.86	0.0003	P	0.4
4	☐	50.000	52.239	51206.44	0.0153	P	1.1
5	☐	125.000	128.997	124293.21	0.0378	P	0.4
6	☐	250.000	257.181	246781.64	0.0754	P	1.2
7	☐	500.000	510.228	493041.98	0.1496	P	0.2
8	☐	1000.000	992.479	977042.49	0.2910	P	0.1
9	☐			1409.34	0.0004	P	5.6

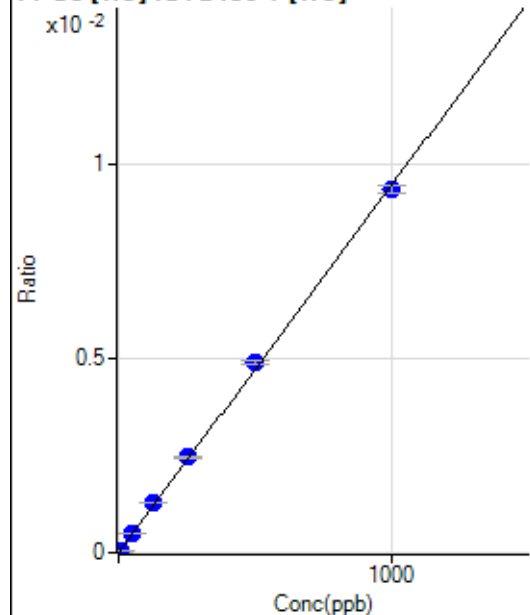
$$y = 2.9322\text{E-}004 * x + 6.1883\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.008785$$

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	5.778	184.45	0.0001	P	12.3
4	☐	50.000	53.049	1680.13	0.0005	P	3.6
5	☐	125.000	137.042	4266.25	0.0013	P	2.3
6	☐	250.000	259.631	8047.91	0.0025	P	2.8
7	☐	500.000	516.627	16126.95	0.0049	P	2.1
8	☐	1000.000	987.617	31407.62	0.0094	P	2.0
9	☐			18.89	0.0000	P	26.3

$$y = 9.4729\text{E-}006 * x + 3.2859\text{E-}007$$

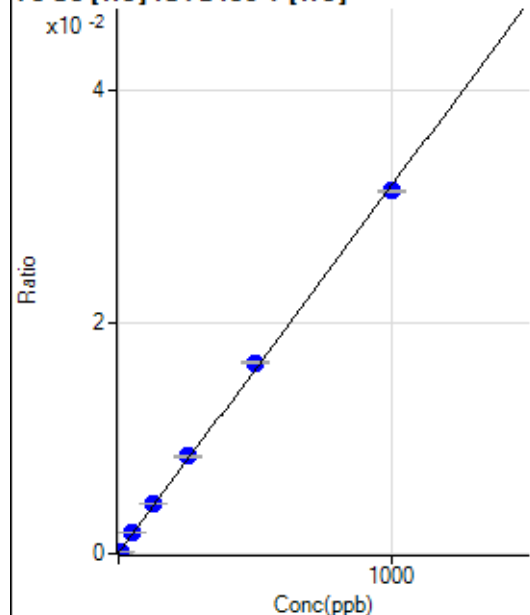
$$R = 0.9997$$

$$DL = 0.1802$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.56	0.0001	P	10.7
2	☐	0.500					
3	☐	5.000	5.495	786.45	0.0002	P	9.2
4	☐	50.000	54.570	5984.00	0.0018	P	2.9
5	☐	125.000	133.366	14092.73	0.0043	P	1.2
6	☐	250.000	262.741	27456.86	0.0084	P	2.1
7	☐	500.000	518.454	54373.09	0.0165	P	0.7
8	☐	1000.000	986.311	105195.97	0.0313	P	0.4
9	☐			270.99	0.0001	P	9.9

$$y = 3.1707\text{E-}005 * x + 6.0576\text{E-}005$$

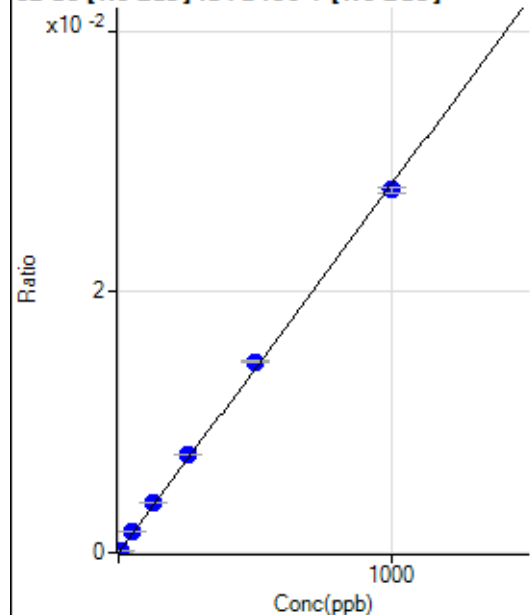
$$R = 0.9996$$

$$DL = 0.6143$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.49	0.0000	P	533.
2	☐	0.500					
3	☐	5.000	5.679	2944.28	0.0002	P	3.2
4	☐	50.000	55.347	28539.02	0.0016	P	0.1
5	☐	125.000	134.585	69148.48	0.0038	P	0.5
6	☐	250.000	266.917	134477.34	0.0075	P	0.5
7	☐	500.000	517.718	260767.17	0.0146	P	0.8
8	☐	1000.000	985.443	501396.41	0.0278	P	1.6
9	☐			310.60	0.0000	P	12.7

$$y = 2.8209\text{E-}005 * x + 3.0470\text{E-}007$$

$$R = 0.9996$$

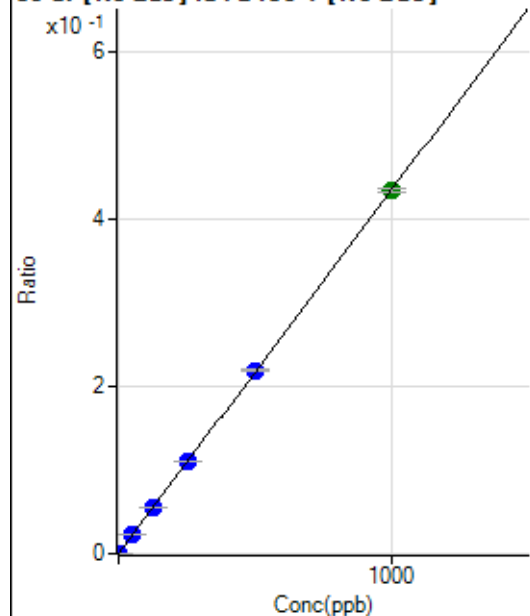
$$DL = 0.1729$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1809.03		P	0.9
2	☐						
3	☐			1789.03		P	5.7
4	☐			1756.80		P	8.1
5	☐			1729.02		P	7.2
6	☐			1676.80		P	5.2
7	☐			1797.92		P	2.2
8	☐			1832.37		P	2.1
9	☐			1876.82		P	7.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2730.95	0.0001	P	5.7
2	☐	0.100					
3	☐	1.000	0.811	9208.90	0.0005	P	2.3
4	☐	50.000	50.612	404610.64	0.0221	P	0.5
5	☐	125.000	125.076	992394.53	0.0545	P	0.4
6	☐	250.000	252.051	1958373.66	0.1097	P	0.7
7	☐	500.000	503.208	3906477.34	0.2188	P	0.8
8	☐	1000.000	997.843	7822339.76	0.4337	A	1.0
9	☐			33801.91	0.0019	P	3.6

$$y = 4.3446\text{E-}004 * x + 1.4986\text{E-}004$$

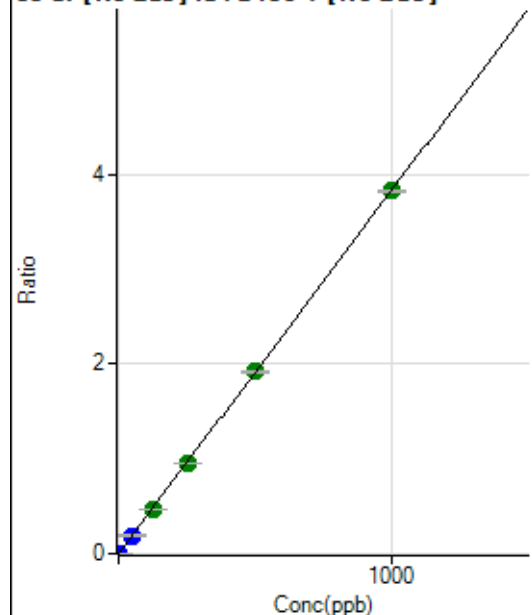
$$R = 1.0000$$

$$DL = 0.0587$$

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	138.90	0.0000	P	18.0
2	☐	0.100					
3	☐	1.000	0.817	57469.47	0.0031	P	1.5
4	☐	50.000	50.115	3503316.61	0.1917	P	0.9
5	☐	125.000	123.320	8590607.75	0.4717	A	0.5
6	☐	250.000	249.911	17071285.97	0.9559	A	0.9
7	☐	500.000	502.088	34288908.40	1.9204	A	0.7
8	☐	1000.000	999.183	68935671.68	3.8217	A	0.4
9	☐			267429.01	0.0150	P	0.8

$$y = 0.0038 * x + 7.6179E-006$$

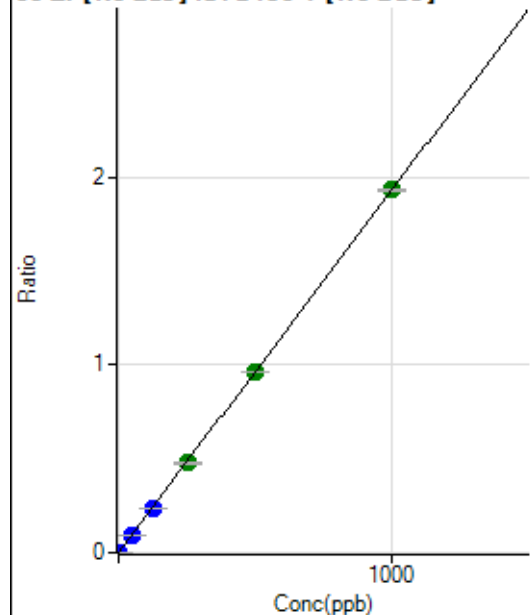
$$R = 1.0000$$

$$DL = 0.001076$$

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	1597.38	0.0001	P	13.9
2	☐	0.100					
3	☐	1.000	0.950	35180.40	0.0019	P	1.5
4	☐	50.000	49.312	1738161.82	0.0951	P	0.5
5	☐	125.000	123.878	4348851.70	0.2388	P	0.9
6	☐	250.000	247.153	8506733.44	0.4763	A	1.3
7	☐	500.000	498.268	17145238.75	0.9602	A	0.7
8	☐	1000.000	1001.753	34819994.88	1.9304	A	0.7
9	☐			14816.56	0.0008	P	3.1

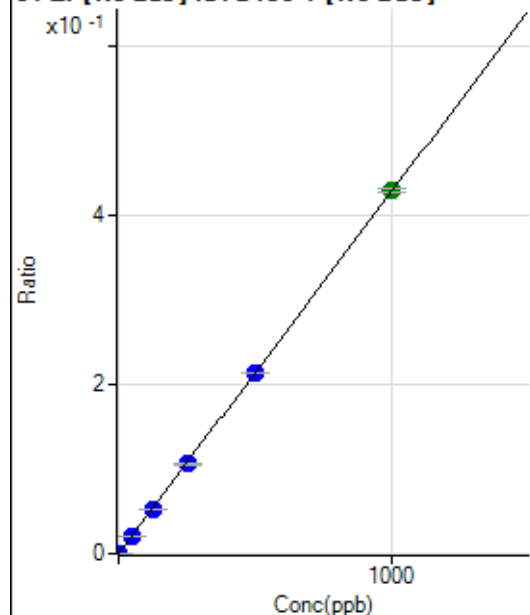
$$y = 0.0019 * x + 8.7639E-005$$

$$R = 1.0000$$

$$DL = 0.0189$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	286.13	0.0000	P	22.1
2	☐	0.100					
3	☐	1.000	0.977	7952.51	0.0004	P	2.7
4	☐	50.000	49.641	388182.92	0.0212	P	0.6
5	☐	125.000	123.165	959348.71	0.0527	P	1.0
6	☐	250.000	247.150	1887563.13	0.1057	P	0.3
7	☐	500.000	497.684	3799891.71	0.2128	P	0.2
8	☐	1000.000	1002.118	7728995.92	0.4285	A	1.0
9	☐			3339.45	0.0002	P	3.0

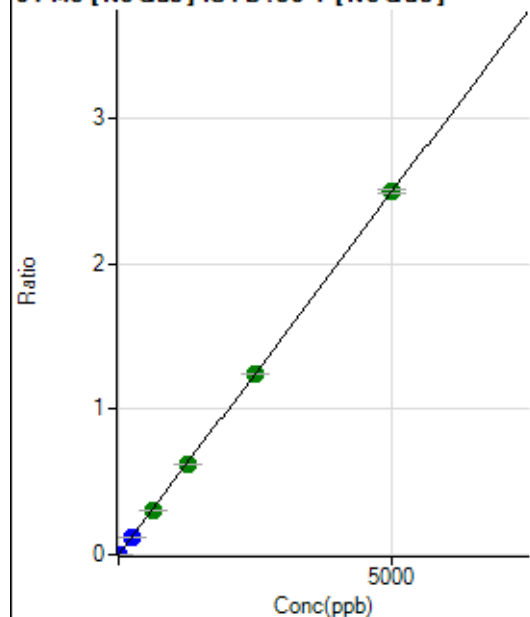
$$y = 4.2757\text{E-}004 * x + 1.5695\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.02431$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	633.38	0.0000	P	13.5
2	☐	0.500					
3	☐	5.000	4.746	44066.49	0.0024	P	0.5
4	☐	250.000	249.078	2271446.19	0.1243	P	0.6
5	☐	625.000	616.412	5600638.01	0.3075	A	1.2
6	☐	1250.000	1239.527	11043475.77	0.6184	A	0.9
7	☐	2500.000	2494.448	22219281.40	1.2444	A	0.3
8	☐	5000.000	5006.514	45048340.94	2.4976	A	1.2
9	☐			32680.02	0.0018	P	4.3

$$y = 4.9885\text{E-}004 * x + 3.4755\text{E-}005$$

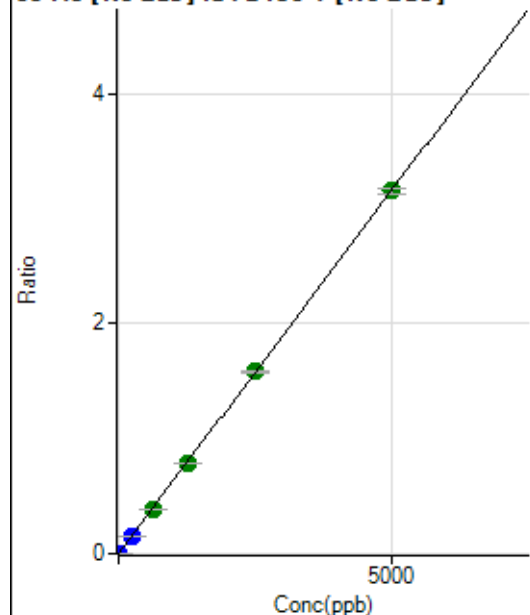
$$R = 1.0000$$

$$DL = 0.02819$$

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	88.89	0.0000	P	5.1
2	☐	0.500					
3	☐	5.000	4.697	54488.31	0.0030	P	1.4
4	☐	250.000	250.559	2891417.06	0.1582	P	0.4
5	☐	625.000	618.930	7117676.72	0.3908	A	0.7
6	☐	1250.000	1243.021	14016756.04	0.7849	A	1.0
7	☐	2500.000	2510.567	28303604.45	1.5852	A	0.7
8	☐	5000.000	4997.192	56910557.52	3.1553	A	1.6
9	☐			47446.58	0.0027	P	2.3

$$y = 6.3141\text{E-}004 * x + 4.8765\text{E-}006$$

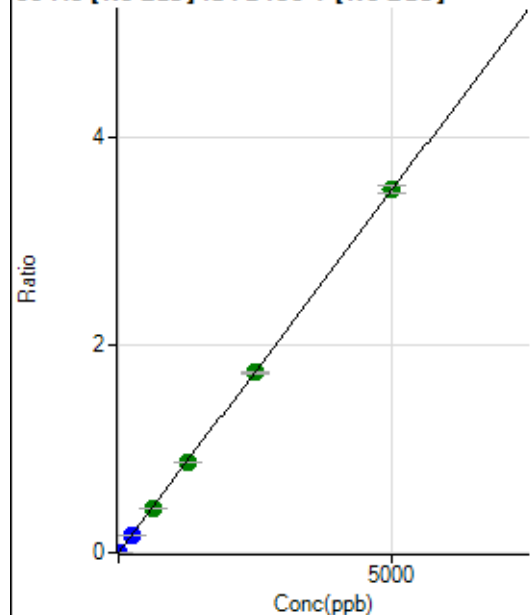
$$R = 1.0000$$

$$DL = 0.00117$$

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	205.57	0.0000	P	16.3
2	☐	0.500					
3	☐	5.000	4.698	60364.87	0.0033	P	0.1
4	☐	250.000	248.277	3167493.86	0.1733	P	0.3
5	☐	625.000	614.122	7807477.78	0.4287	A	0.4
6	☐	1250.000	1245.047	15520659.72	0.8691	A	1.4
7	☐	2500.000	2487.879	31006951.39	1.7366	A	1.1
8	☐	5000.000	5008.745	63060409.05	3.4963	A	2.0
9	☐			67321.14	0.0038	P	1.8

$$y = 6.9804\text{E-}004 * x + 1.1276\text{E-}005$$

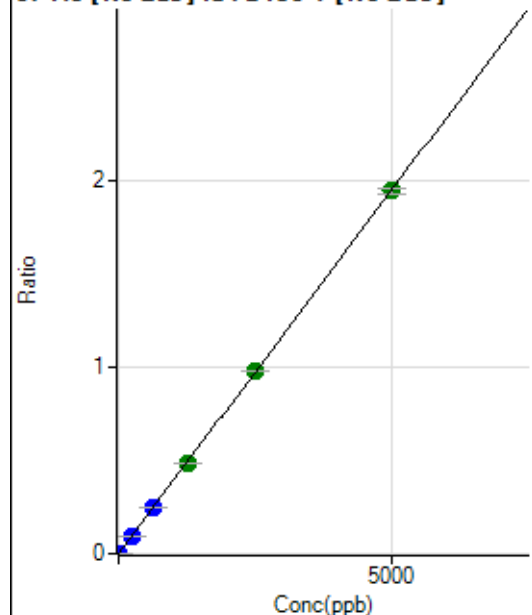
$$R = 1.0000$$

$$DL = 0.00788$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	32.5
2	☐	0.500					
3	☐	5.000	4.726	33905.34	0.0018	P	2.5
4	☐	250.000	250.266	1784067.10	0.0976	P	0.7
5	☐	625.000	624.801	4438368.50	0.2437	P	0.6
6	☐	1250.000	1243.991	8665535.09	0.4852	A	1.0
7	☐	2500.000	2518.840	17542273.13	0.9825	A	0.5
8	☐	5000.000	4992.094	35120355.65	1.9472	A	1.4
9	☐			28579.49	0.0016	P	5.3

$$y = 3.9005E-004 * x + 4.8725E-006$$

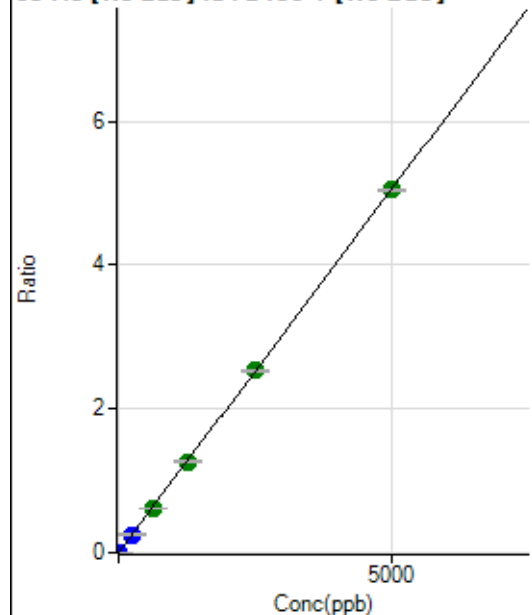
$$R = 1.0000$$

$$DL = 0.01219$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	163.90	0.0000	P	10.2
2	☐	0.500					
3	☐	5.000	4.646	86255.64	0.0047	P	1.8
4	☐	250.000	251.414	4641682.35	0.2540	P	0.7
5	☐	625.000	620.864	11422714.06	0.6272	A	0.4
6	☐	1250.000	1253.530	22613622.03	1.2663	A	1.4
7	☐	2500.000	2511.601	45299617.68	2.5372	A	1.2
8	☐	5000.000	4993.764	90993731.20	5.0446	A	0.6
9	☐			73945.49	0.0041	P	2.5

$$y = 0.0010 * x + 8.9895E-006$$

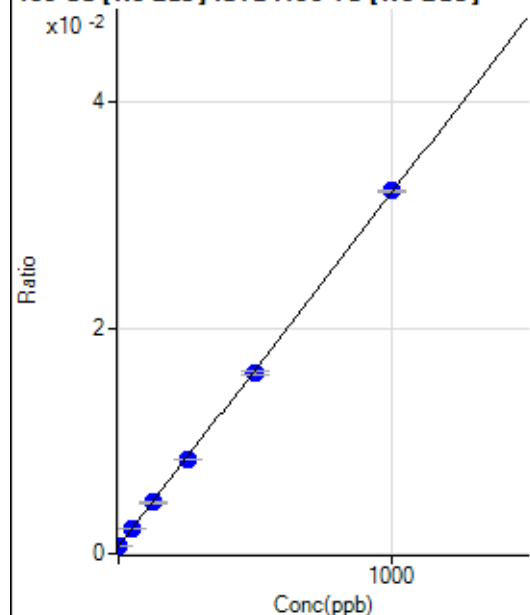
$$R = 1.0000$$

$$DL = 0.00271$$

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	14891.72	0.0007	P	2.8
2	☐	0.100					
3	☐	1.000	1.122	15798.40	0.0007	P	4.1
4	☐	50.000	51.277	51665.07	0.0023	P	0.9
5	☐	125.000	123.259	104738.89	0.0045	P	0.5
6	☐	250.000	245.620	190968.18	0.0083	P	0.1
7	☐	500.000	490.911	361802.90	0.0160	P	1.4
8	☐	1000.000	1005.793	733329.09	0.0321	P	0.4
9	☐			14694.34	0.0007	P	1.2

$$y = 3.1269\text{E-}005 * x + 6.6362\text{E-}004$$

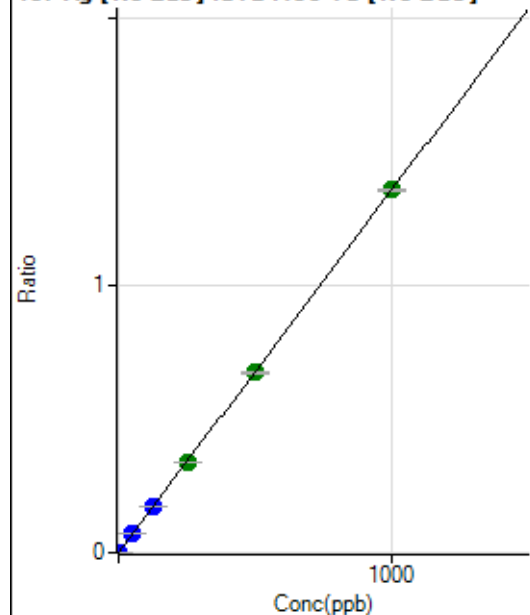
$$R = 0.9999$$

$$DL = 1.776$$

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	313.91	0.0000	P	7.5
2	☐	0.100					
3	☐	1.000	1.118	34568.25	0.0015	P	0.5
4	☐	50.000	52.648	1625843.62	0.0713	P	0.1
5	☐	125.000	128.017	4020797.35	0.1734	P	1.4
6	☐	250.000	250.337	7762317.36	0.3392	A	1.0
7	☐	500.000	496.570	15198769.61	0.6727	A	1.5
8	☐	1000.000	1001.121	30970006.94	1.3563	A	0.7
9	☐			4092.44	0.0002	P	6.2

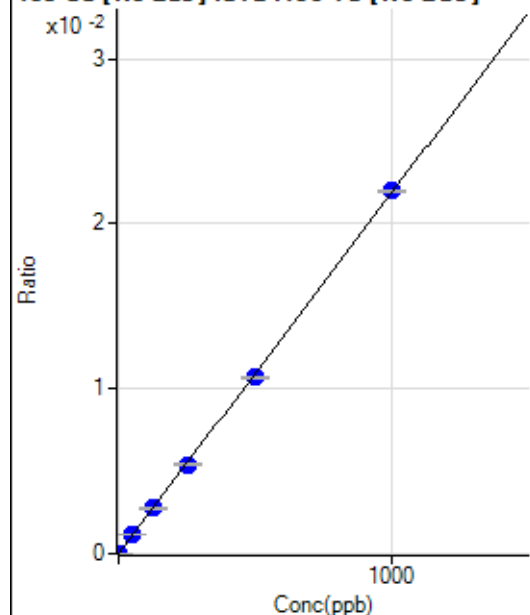
$$y = 0.0014 * x + 1.3992\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.00232$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	24.8
2	☐	0.100					
3	☐	1.000	0.887	491.69	0.0000	P	14.2
4	☐	50.000	52.290	26107.76	0.0011	P	0.9
5	☐	125.000	125.508	63666.40	0.0027	P	0.9
6	☐	250.000	247.503	123898.16	0.0054	P	0.7
7	☐	500.000	489.693	241938.92	0.0107	P	1.1
8	☐	1000.000	1005.600	502084.87	0.0220	P	0.8
9	☐			144.45	0.0000	P	28.8

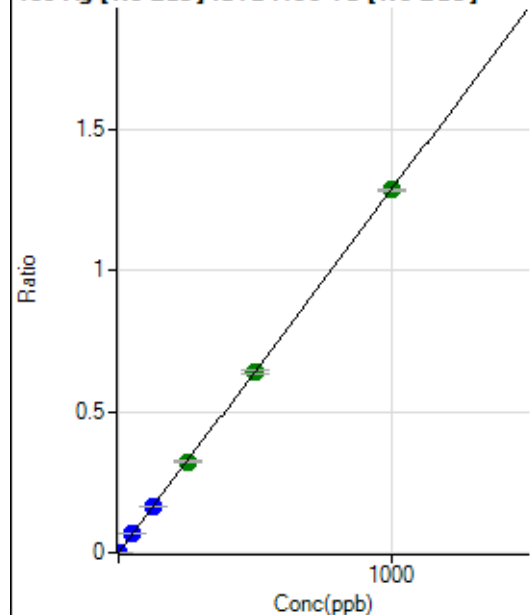
$$y = 2.1863\text{E-}005 * x + 2.3491\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.07989$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.01	0.0000	P	3.7
2	☐	0.100					
3	☐	1.000	1.121	32850.39	0.0015	P	2.2
4	☐	50.000	53.106	1558518.86	0.0684	P	0.4
5	☐	125.000	127.360	3801614.54	0.1640	P	1.2
6	☐	250.000	250.970	7395350.86	0.3231	A	0.9
7	☐	500.000	499.673	14534404.49	0.6433	A	1.8
8	☐	1000.000	999.471	29384622.53	1.2868	A	0.5
9	☐			3628.41	0.0002	P	3.8

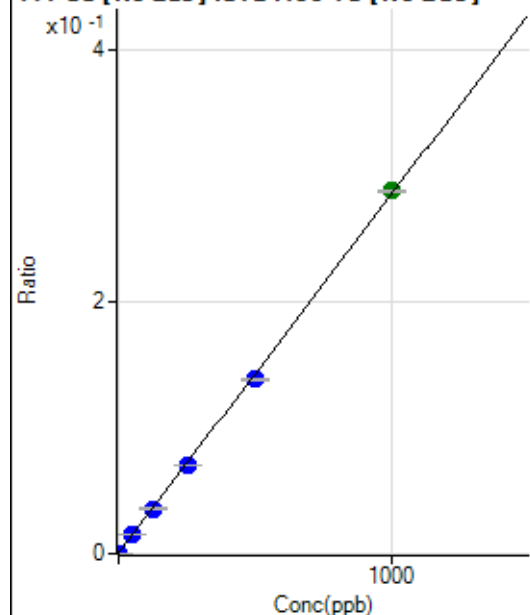
$$y = 0.0013 * x + 1.0026\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.0008715$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10438.65	0.0005	P	2.7
2	☐	0.100					
3	☐	1.000	0.977	16814.75	0.0007	P	2.6
4	☐	50.000	51.140	342903.81	0.0150	P	1.3
5	☐	125.000	124.049	830750.75	0.0358	P	0.4
6	☐	250.000	243.900	1602275.28	0.0700	P	0.6
7	☐	500.000	484.169	3129558.09	0.1385	P	0.8
8	☐	1000.000	1009.502	6583256.34	0.2883	A	0.4
9	☐			11361.39	0.0005	P	1.7

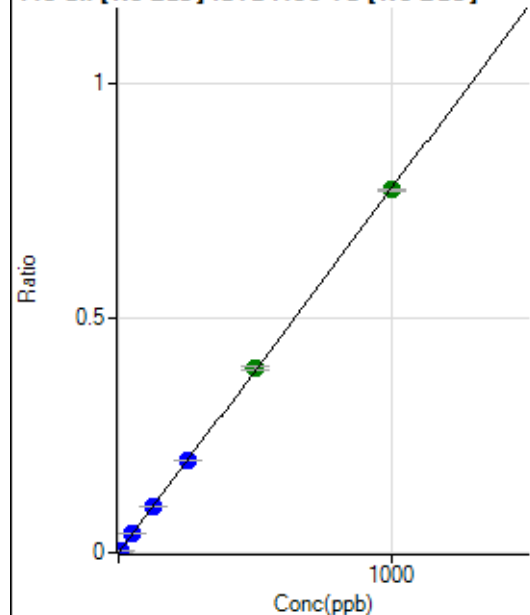
$$y = 2.8512\text{E-}004 * x + 4.6517\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.1342$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1127.87	0.0001	P	8.5
2	☐	0.500					
3	☐	5.000	5.082	90489.38	0.0040	P	0.2
4	☐	50.000	51.464	913042.90	0.0401	P	1.5
5	☐	125.000	125.412	2261605.48	0.0976	P	0.6
6	☐	250.000	253.129	4505433.56	0.1969	P	0.8
7	☐	500.000	506.002	8888984.05	0.3935	A	1.6
8	☐	1000.000	996.092	17685654.39	0.7745	A	0.5
9	☐			15306.10	0.0007	P	5.0

$$y = 7.7747\text{E-}004 * x + 5.0267\text{E-}005$$

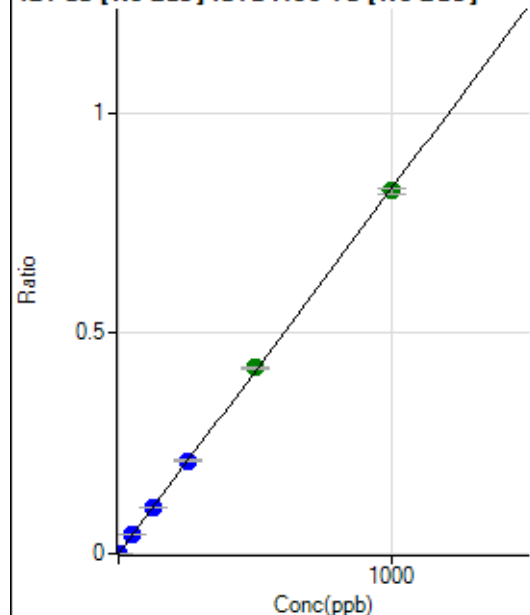
$$R = 1.0000$$

$$DL = 0.01656$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	18.5
2	☐	0.200					
3	☐	2.000	1.963	36838.39	0.0016	P	3.4
4	☐	50.000	51.625	974416.54	0.0428	P	0.4
5	☐	125.000	127.340	2444761.56	0.1055	P	0.9
6	☐	250.000	254.910	4831565.39	0.2111	P	0.7
7	☐	500.000	508.755	9518557.33	0.4213	A	1.9
8	☐	1000.000	994.021	18796557.37	0.8232	A	1.3
9	☐			21820.56	0.0010	P	1.8

$$y = 8.2811\text{E-}004 * x + 3.9561\text{E-}006$$

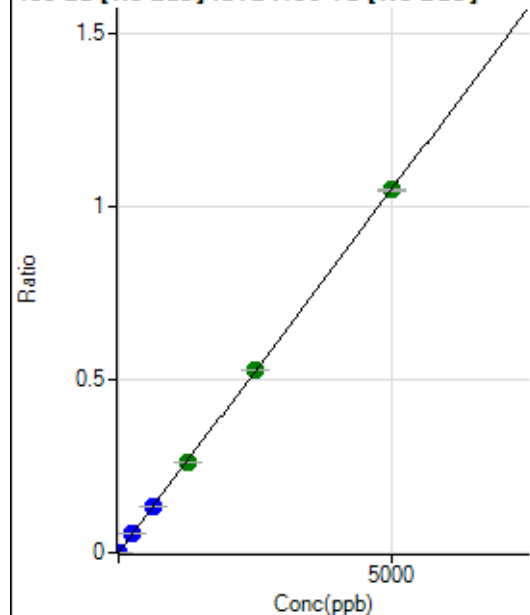
$$R = 0.9999$$

$$DL = 0.002653$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	27.4
2	☐	1.000					
3	☐	10.000	9.980	47320.58	0.0021	P	1.2
4	☐	250.000	253.291	1209489.22	0.0531	P	1.1
5	☐	625.000	627.261	3046877.17	0.1314	P	0.3
6	☐	1250.000	1247.649	5982488.68	0.2614	A	1.3
7	☐	2500.000	2508.865	11877123.62	0.5257	A	0.5
8	☐	5000.000	4995.708	23901657.65	1.0467	A	0.5
9	☐			5406.87	0.0003	P	5.0

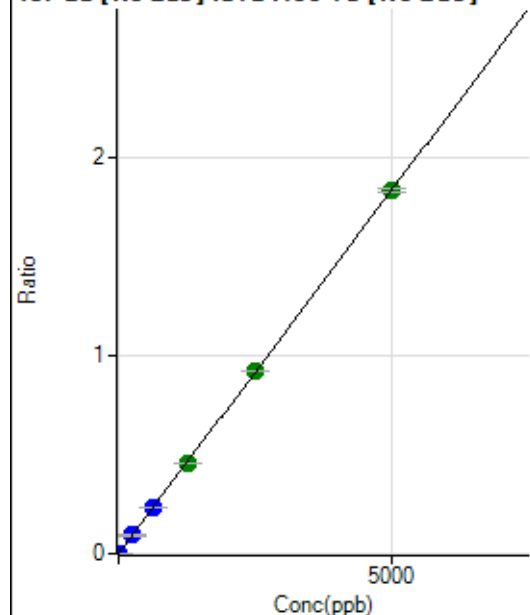
$$y = 2.0952\text{E-}004 * x + 1.6119\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.006325$$

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	47.22	0.0000	P	54.4
2	☐	1.000					
3	☐	10.000	9.923	82529.27	0.0036	P	1.8
4	☐	250.000	251.728	2108906.38	0.0925	P	0.5
5	☐	625.000	630.512	5373170.95	0.2318	P	1.3
6	☐	1250.000	1241.184	10442193.12	0.4562	A	0.4
7	☐	2500.000	2514.167	20881209.32	0.9242	A	0.8
8	☐	5000.000	4994.345	41921658.58	1.8359	A	1.0
9	☐			9161.73	0.0004	P	5.1

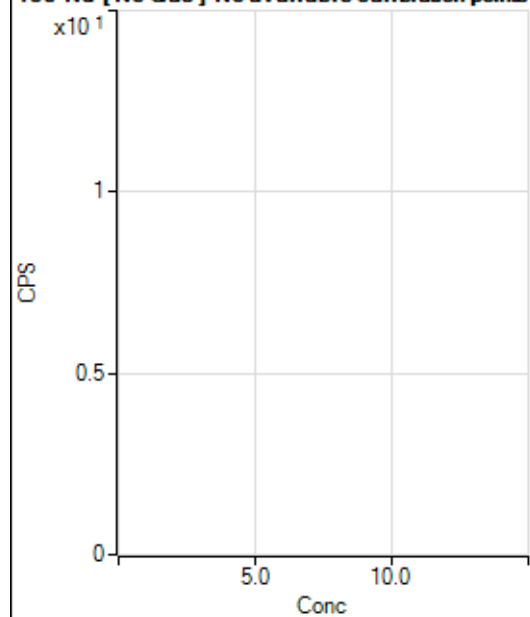
$$y = 3.6759E-004 * x + 2.1064E-006$$

$$R = 1.0000$$

$$DL = 0.009358$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			11.11		P	124.
4	☐			97.78		P	10.4
5	☐			311.13		P	18.7
6	☐			495.58		P	3.4
7	☐			988.96		P	4.0
8	☐			2093.57		P	7.6
9	☐			431.13		P	9.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			3.33		P	100.
4	☐			16.67		P	40.0
5	☐			31.11		P	34.4
6	☐			63.33		P	5.3
7	☐			122.23		P	8.3
8	☐			250.01		P	10.1
9	☐			205.56		P	21.6

156 Dy [No Gas] No available calibration points

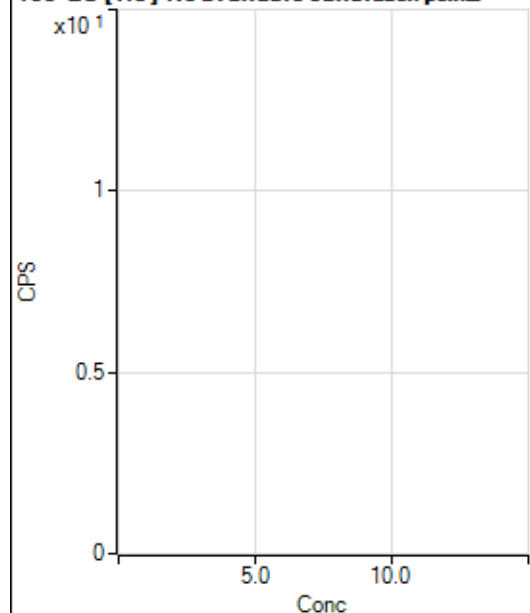
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐						
3	☐			22.22		P	57.3
4	☐			44.45		P	78.1
5	☐			75.00		P	44.4
6	☐			111.12		P	15.6
7	☐			230.57		P	19.9
8	☐			441.69		P	27.9
9	☐			233.34		P	12.4

156 Dy [He] No available calibration points

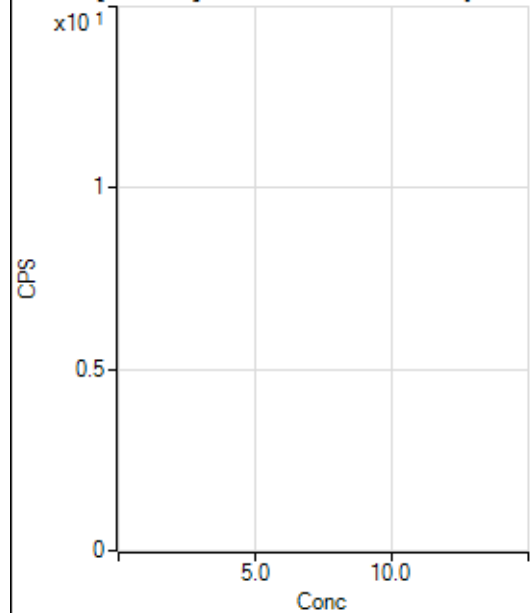
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			10.00		P	33.3
4	☐			32.22		P	12.0
5	☐			33.33		P	26.5
6	☐			111.12		P	12.1
7	☐			208.90		P	9.1
8	☐			430.02		P	8.6
9	☐			118.89		P	40.3

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			272.24		P	15.1
2	☐						
3	☐			241.68		P	13.8
4	☐			280.57		P	19.1
5	☐			250.01		P	3.3
6	☐			227.79		P	5.6
7	☐			294.46		P	9.9
8	☐			297.24		P	24.2
9	☐			383.36		P	5.8

160 Gd [He] No available calibration points

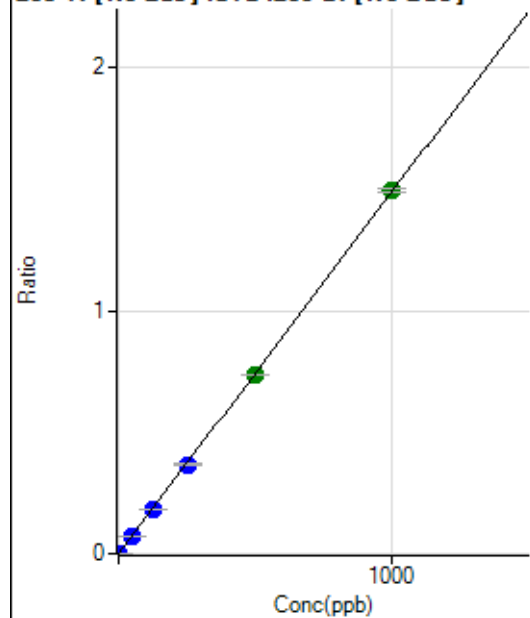
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			332.23		P	4.6
2	☐						
3	☐			364.46		P	8.8
4	☐			303.34		P	10.5
5	☐			337.79		P	7.4
6	☐			341.12		P	8.0
7	☐			386.68		P	6.0
8	☐			383.35		P	7.6
9	☐			423.35		P	10.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	32.8
2	☐						
3	☐			75.01		P	58.8
4	☐			69.45		P	6.9
5	☐			66.67		P	12.5
6	☐			44.45		P	47.2
7	☐			83.34		P	20.0
8	☐			97.23		P	27.6
9	☐			127.79		P	13.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			25.56		P	19.9
2	☐						
3	☐			33.33		P	52.9
4	☐			38.89		P	51.7
5	☐			33.33		P	26.4
6	☐			40.00		P	22.0
7	☐			40.00		P	22.0
8	☐			56.67		P	10.2
9	☐			53.34		P	28.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	669.49	0.0000	P	8.1
2	☐	0.100					
3	☐	1.000	0.866	20216.21	0.0013	P	1.2
4	☐	50.000	48.307	1086323.26	0.0719	P	0.7
5	☐	125.000	120.912	2737390.75	0.1800	P	1.0
6	☐	250.000	246.850	5448886.75	0.3673	P	1.2
7	☐	500.000	494.189	10622919.34	0.7354	A	0.7
8	☐	1000.000	1004.289	20537435.53	1.4943	A	1.1
9	☐			5504.18	0.0005	P	4.3

$$y = 0.0015 * x + 4.5450E-005$$

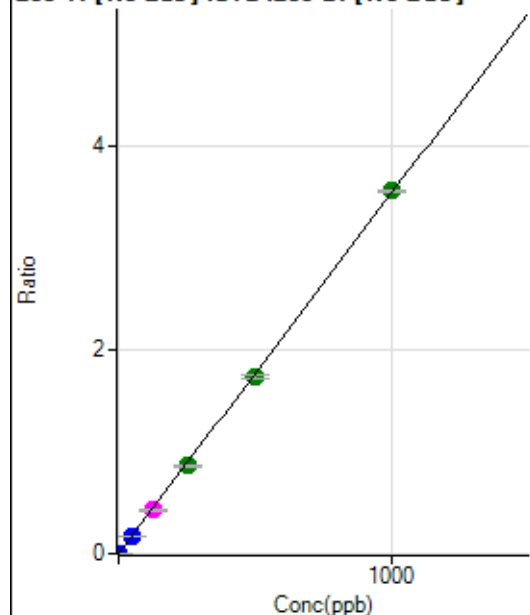
$$R = 1.0000$$

$$DL = 0.007413$$

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	1566.84	0.0001	P	7.7
2	☐	0.100					
3	☐	1.000	0.880	48857.78	0.0032	P	1.6
4	☐	50.000	48.365	2590276.38	0.1715	P	0.7
5	☐	125.000	120.215	6481939.38	0.4261	M	1.2
6	☐	250.000	243.952	12825133.88	0.8646	A	2.2
7	☐	500.000	490.872	25128264.28	1.7396	A	1.8
8	☐	1000.000	1006.756	49033862.90	3.5677	A	0.3
9	☐			13079.18	0.0012	P	6.6

$$y = 0.0035 * x + 1.0639E-004$$

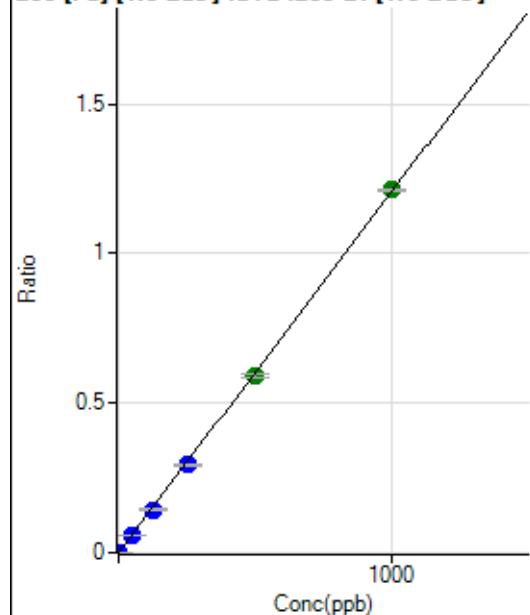
$$R = 0.9999$$

$$DL = 0.006918$$

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	1188.98	0.0001	P	9.0
2	☐	0.100					
3	☐	1.000	0.882	17339.55	0.0011	P	1.8
4	☐	50.000	47.857	872490.98	0.0578	P	1.4
5	☐	125.000	119.653	2195322.56	0.1443	P	1.1
6	☐	250.000	243.555	4356187.89	0.2937	P	1.6
7	☐	500.000	492.189	8571825.02	0.5934	A	1.8
8	☐	1000.000	1006.292	16672746.09	1.2131	A	0.7
9	☐			25491.68	0.0023	P	4.3

$$y = 0.0012 * x + 8.0712E-005$$

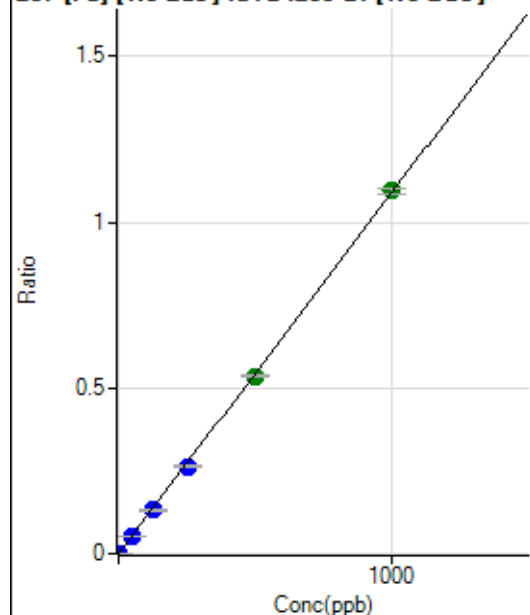
$$R = 0.9999$$

$$DL = 0.01798$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1048.22	0.0001	P	9.1
2	☐	0.100					
3	☐	1.000	0.864	15309.25	0.0010	P	0.8
4	☐	50.000	48.132	791394.36	0.0524	P	0.9
5	☐	125.000	120.409	1992355.47	0.1310	P	1.6
6	☐	250.000	242.153	3906133.39	0.2633	P	1.8
7	☐	500.000	492.783	7739947.97	0.5358	A	1.2
8	☐	1000.000	1006.237	15035446.06	1.0940	A	1.4
9	☐			21215.62	0.0019	P	2.1

$$y = 0.0011 * x + 7.1160E-005$$

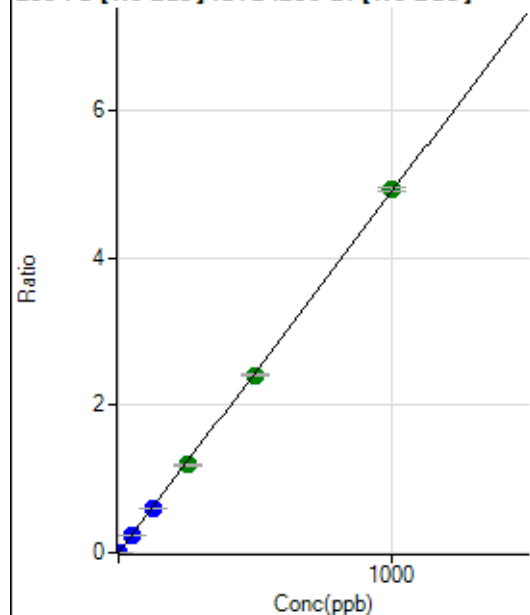
$$R = 0.9999$$

$$DL = 0.01793$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4746.78	0.0003	P	3.7
2	☐	0.100					
3	☐	1.000	0.883	70419.83	0.0046	P	0.8
4	☐	50.000	48.418	3587241.44	0.2375	P	1.0
5	☐	125.000	121.188	9035678.43	0.5940	P	1.7
6	☐	250.000	243.509	17699647.53	1.1932	A	1.2
7	☐	500.000	492.720	34870928.96	2.4141	A	1.5
8	☐	1000.000	1005.818	67722555.45	4.9276	A	1.0
9	☐			99817.73	0.0088	P	1.3

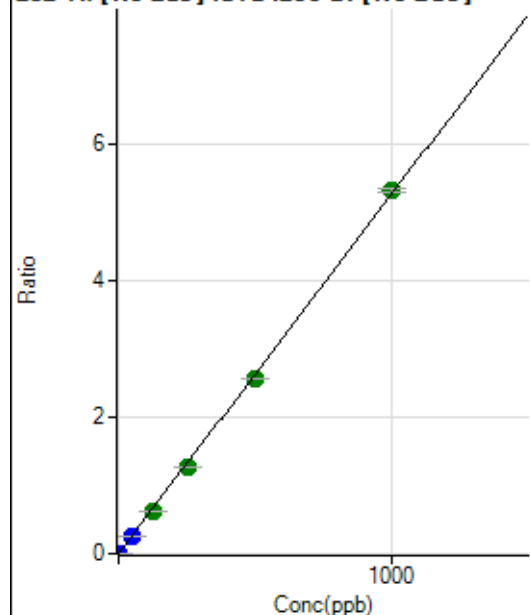
$$y = 0.0049 * x + 3.2226E-004$$

$$R = 0.9999$$

$$DL = 0.007228$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	437.06	0.0000	P	21.8
2	☐	0.100					
3	☐	1.000	0.816	65640.64	0.0043	P	1.0
4	☐	50.000	46.090	3672801.30	0.2432	P	1.0
5	☐	125.000	115.981	9307880.30	0.6119	A	0.4
6	☐	250.000	239.503	18742816.39	1.2635	A	0.5
7	☐	500.000	488.625	37239524.44	2.5777	A	0.4
8	☐	1000.000	1009.635	73201283.12	5.3263	A	1.2
9	☐			16777.89	0.0015	P	8.8

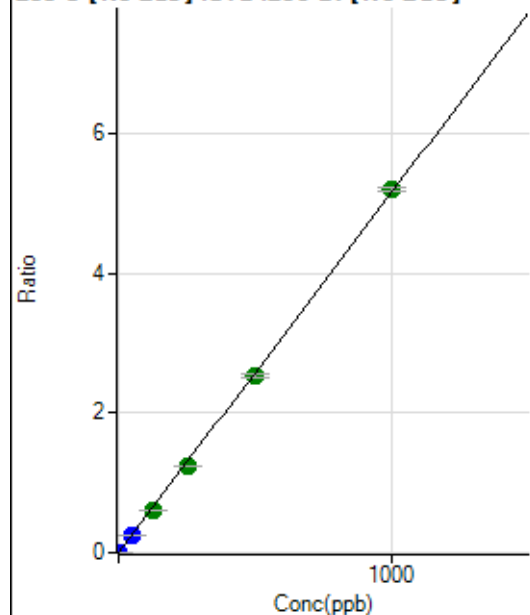
$$y = 0.0053 * x + 2.9678E-005$$

$$R = 0.9998$$

$$DL = 0.003684$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	25.1
2	☐	0.100					
3	☐	1.000	0.858	66965.44	0.0044	P	0.7
4	☐	50.000	46.502	3615835.93	0.2394	P	0.5
5	☐	125.000	116.732	9141569.30	0.6009	A	1.3
6	☐	250.000	239.848	18315727.84	1.2347	A	1.0
7	☐	500.000	491.868	36578417.48	2.5321	A	1.6
8	☐	1000.000	1007.812	71308956.45	5.1882	A	1.0
9	☐			10746.58	0.0010	P	6.0

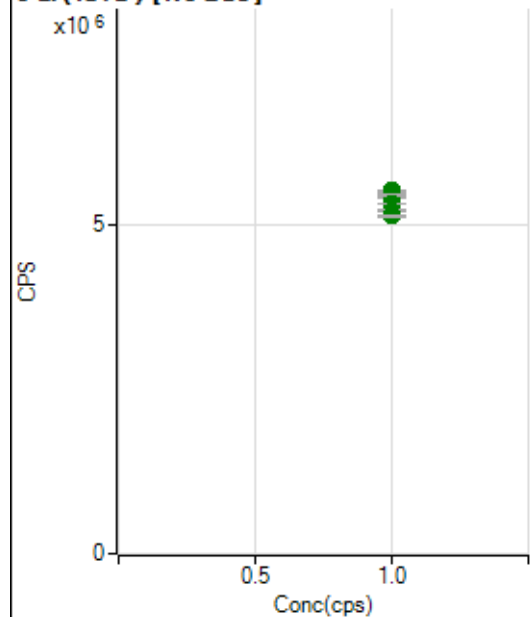
$$y = 0.0051 * x + 4.7161E-006$$

$$R = 0.9999$$

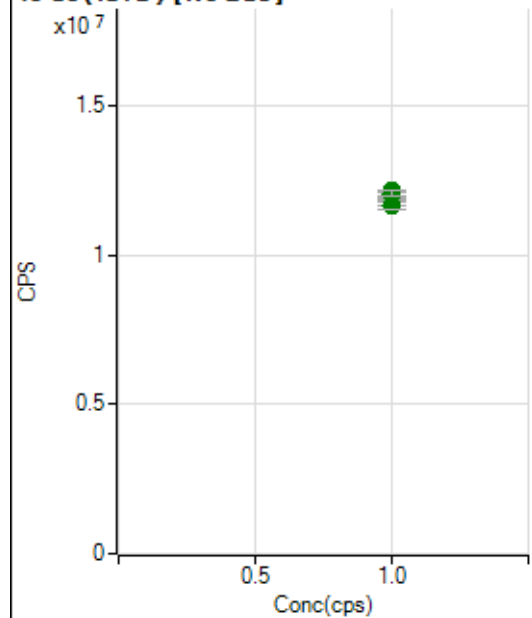
$$DL = 0.0006906$$

Weight: <None>

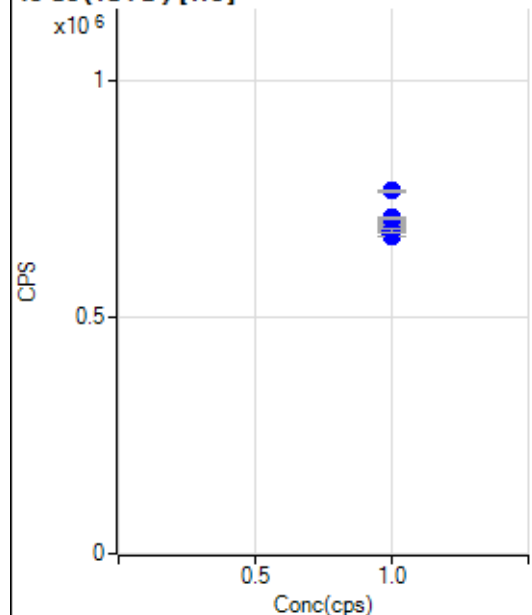
Min Conc: 0

6 Li (ISTD) [No Gas]

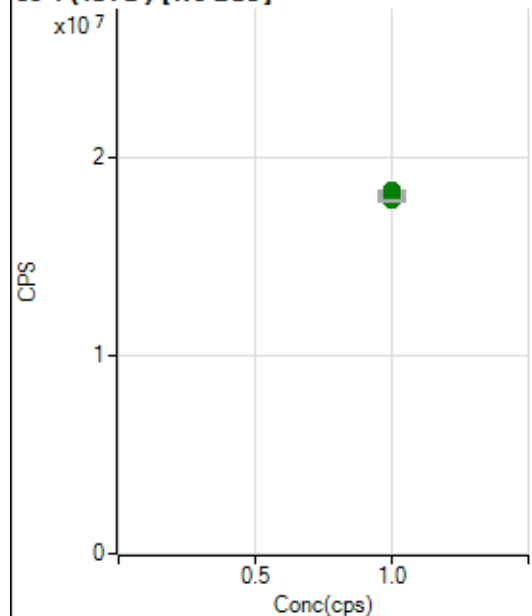
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5421461.72		A	0.6
2	☐	1.000					
3	☐	1.000		5515905.54		A	0.3
4	☐	1.000		5499223.44		A	0.2
5	☐	1.000		5456047.68		A	0.9
6	☐	1.000		5316613.11		A	0.3
7	☐	1.000		5213479.58		A	0.9
8	☐	1.000		5211938.58		A	0.6
9	☐	1.000		5139753.91		A	0.5

45 Sc (ISTD) [No Gas]

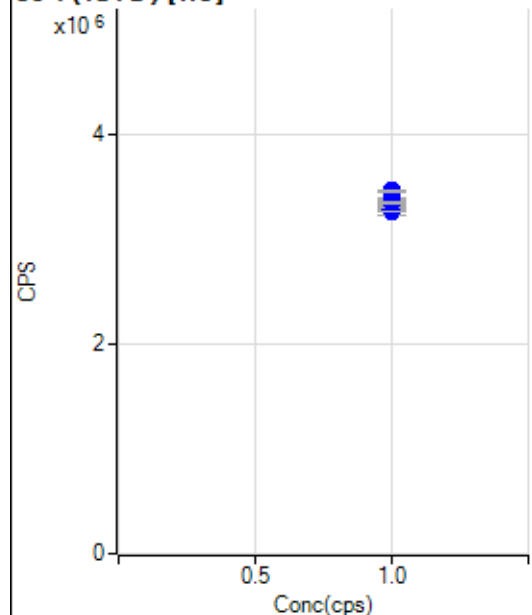
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11854954.17		A	0.9
2	☐	1.000					
3	☐	1.000		12150194.72		A	0.3
4	☐	1.000		12117973.01		A	0.5
5	☐	1.000		11908598.01		A	1.2
6	☐	1.000		11653772.22		A	0.3
7	☐	1.000		11659467.10		A	1.9
8	☐	1.000		11880425.44		A	0.5
9	☐	1.000		12066516.33		A	1.6

45 Sc (ISTD) [He]

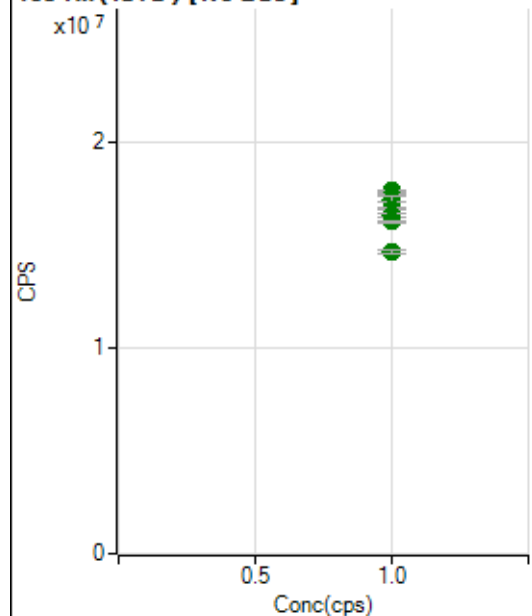
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		707670.13		P	0.6
2	☐	1.000					
3	☐	1.000		696515.32		P	0.6
4	☐	1.000		694740.15		P	0.5
5	☐	1.000		677324.00		P	1.6
6	☐	1.000		672328.53		P	0.3
7	☐	1.000		684947.77		P	1.3
8	☐	1.000		710786.66		P	0.3
9	☐	1.000		768316.36		P	0.7

89 Y (ISTD) [No Gas]

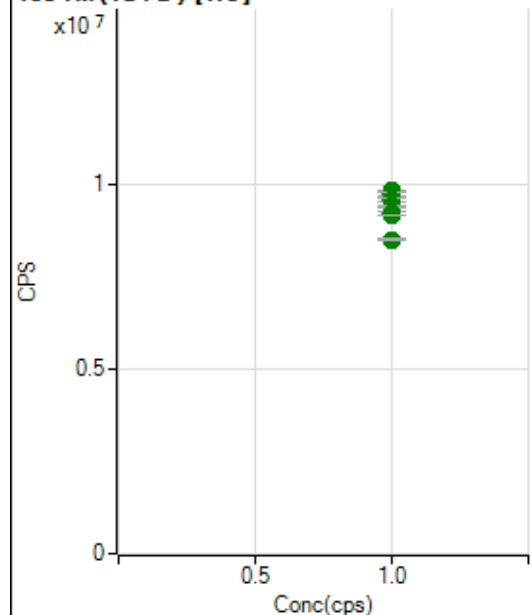
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		18226749.87		A	0.4
2	☐	1.000					
3	☐	1.000		18342635.97		A	0.4
4	☐	1.000		18275723.76		A	0.3
5	☐	1.000		18212423.34		A	0.8
6	☐	1.000		17859921.54		A	1.1
7	☐	1.000		17855816.26		A	1.1
8	☐	1.000		18038213.07		A	0.9
9	☐	1.000		17852003.48		A	0.8

89 Y (ISTD) [He]

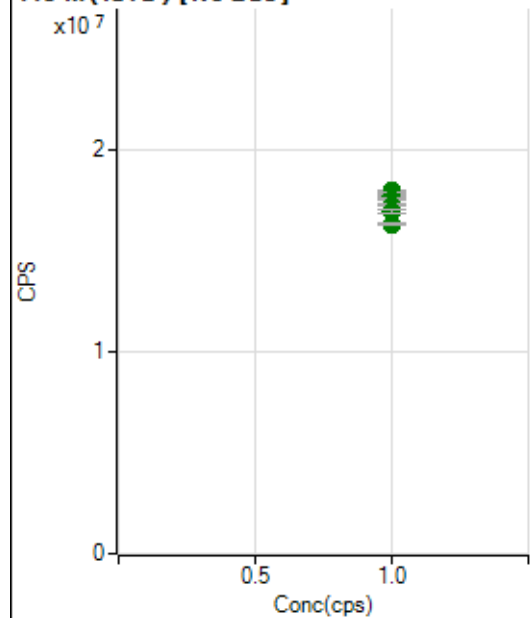
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3392598.11		P	0.4
2	☐	1.000					
3	☐	1.000		3350765.37		P	0.7
4	☐	1.000		3341739.40		P	0.8
5	☐	1.000		3285582.52		P	0.5
6	☐	1.000		3272735.19		P	1.8
7	☐	1.000		3295484.92		P	1.0
8	☐	1.000		3357352.07		P	1.0
9	☐	1.000		3469229.60		P	0.8

103 Rh (ISTD) [No Gas]

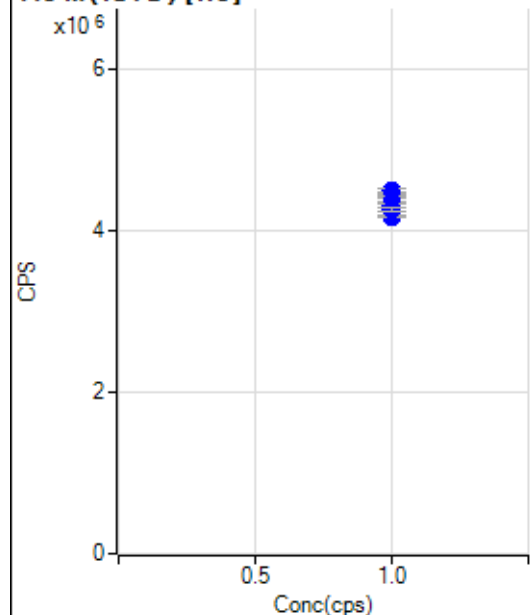
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17464621.23		A	0.8
2	☐	1.000					
3	☐	1.000		17622680.26		A	0.6
4	☐	1.000		17388772.44		A	0.5
5	☐	1.000		17221722.61		A	1.6
6	☐	1.000		16727991.35		A	0.5
7	☐	1.000		16445024.67		A	0.7
8	☐	1.000		16134617.55		A	0.7
9	☐	1.000		14680834.70		A	1.2

103 Rh (ISTD) [He]

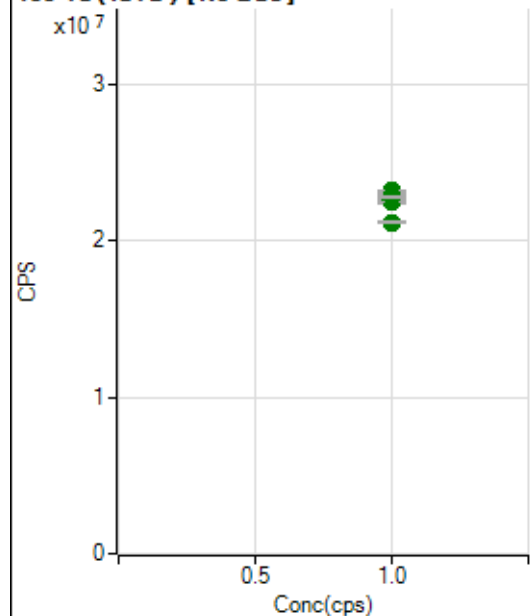
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9811559.37		A	0.1
2	☐	1.000					
3	☐	1.000		9832345.82		A	0.6
4	☐	1.000		9735355.41		A	1.2
5	☐	1.000		9592862.28		A	0.8
6	☐	1.000		9411495.76		A	0.9
7	☐	1.000		9217322.50		A	0.8
8	☐	1.000		9189305.28		A	0.2
9	☐	1.000		8504897.93		A	0.6

115 In (ISTD) [No Gas]

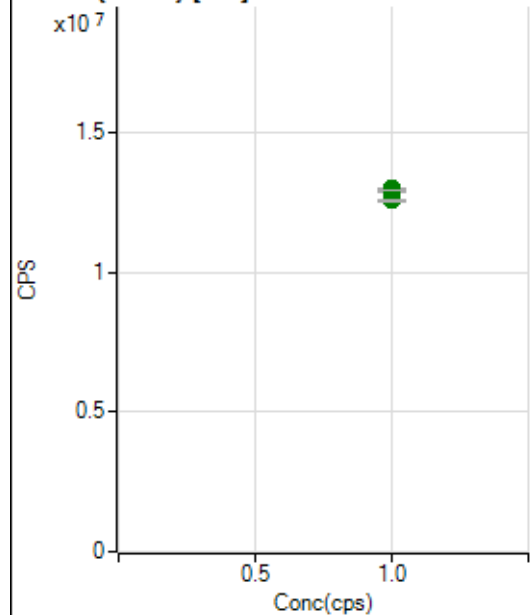
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17785056.66		A	0.9
2	☐	1.000					
3	☐	1.000		17963394.90		A	0.4
4	☐	1.000		17855135.30		A	0.6
5	☐	1.000		17749394.60		A	1.6
6	☐	1.000		17530684.30		A	0.4
7	☐	1.000		17237699.84		A	0.6
8	☐	1.000		16950251.37		A	0.9
9	☐	1.000		16314811.85		A	0.4

115 In (ISTD) [He]

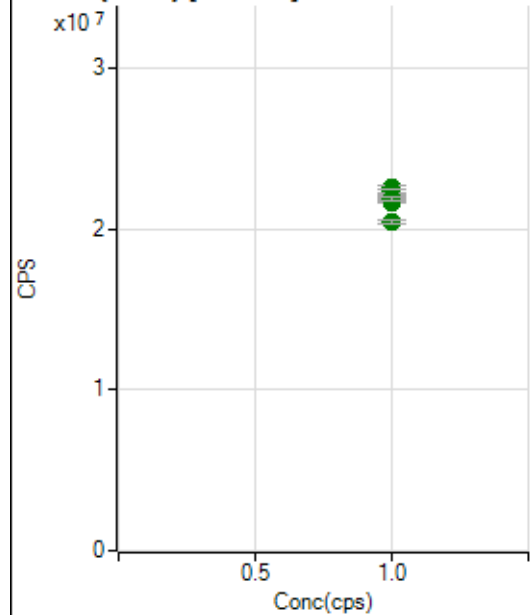
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4487734.52		P	1.0
2	☐	1.000					
3	☐	1.000		4444365.14		P	0.3
4	☐	1.000		4420412.15		P	0.5
5	☐	1.000		4348981.81		P	0.7
6	☐	1.000		4303050.18		P	1.3
7	☐	1.000		4250564.93		P	1.0
8	☐	1.000		4173229.49		P	0.5
9	☐	1.000		4261852.64		P	1.3

159 Tb (ISTD) [No Gas]

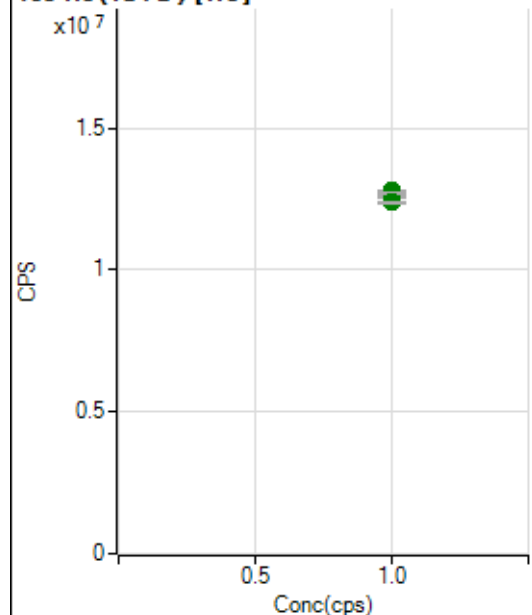
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		22443515.50		A	1.0
2	☐	1.000					
3	☐	1.000		22615163.83		A	0.9
4	☐	1.000		22790831.61		A	0.6
5	☐	1.000		23183546.87		A	0.8
6	☐	1.000		22887050.77		A	0.7
7	☐	1.000		22595849.38		A	1.4
8	☐	1.000		22835214.94		A	0.4
9	☐	1.000		21151668.99		A	0.6

159 Tb (ISTD) [He]

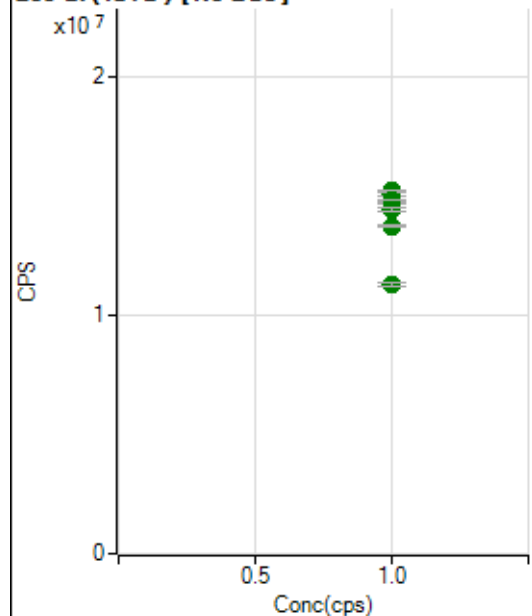
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12947299.53		A	0.7
2	☐	1.000					
3	☐	1.000		12877489.95		A	0.1
4	☐	1.000		12872845.23		A	0.5
5	☐	1.000		12976550.64		A	0.2
6	☐	1.000		12927798.84		A	1.0
7	☐	1.000		12886440.92		A	0.7
8	☐	1.000		12935606.89		A	0.4
9	☐	1.000		12553785.09		A	0.8

165 Ho (ISTD) [No Gas]

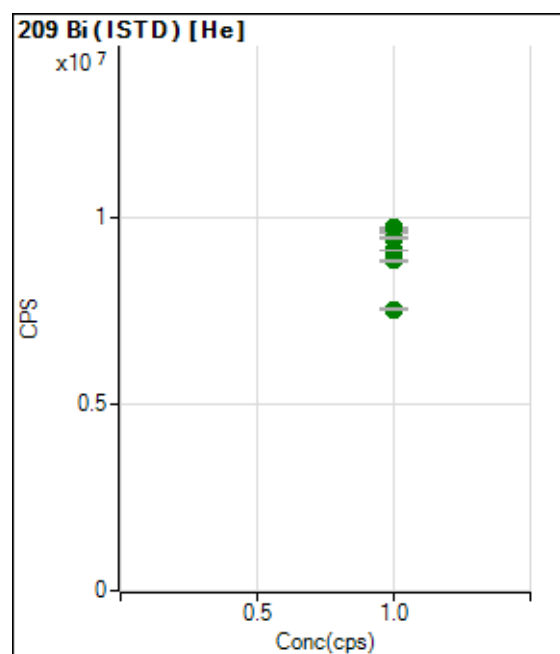
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21627664.54		A	0.5
2	☐	1.000					
3	☐	1.000		21917132.78		A	0.3
4	☐	1.000		21937029.48		A	0.9
5	☐	1.000		22529422.73		A	1.0
6	☐	1.000		22290549.11		A	0.9
7	☐	1.000		21886317.85		A	2.1
8	☐	1.000		21835266.11		A	0.8
9	☐	1.000		20405778.23		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12747927.73		A	0.4
2	☐	1.000					
3	☐	1.000		12579869.95		A	0.4
4	☐	1.000		12722003.98		A	0.6
5	☐	1.000		12789755.50		A	0.6
6	☐	1.000		12703208.00		A	0.7
7	☐	1.000		12623088.56		A	0.1
8	☐	1.000		12705723.56		A	0.4
9	☐	1.000		12380448.01		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14728840.75		A	0.3
2	☐	1.000					
3	☐	1.000		15150276.02		A	0.3
4	☐	1.000		15104277.28		A	1.0
5	☐	1.000		15211999.77		A	0.3
6	☐	1.000		14833925.48		A	0.4
7	☐	1.000		14446764.65		A	1.3
8	☐	1.000		13743905.21		A	0.5
9	☐	1.000		11284943.30		A	0.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9720330.97		A	0.7
2	☐	1.000					
3	☐	1.000		9656226.66		A	0.9
4	☐	1.000		9680466.73		A	0.5
5	☐	1.000		9581437.22		A	0.3
6	☐	1.000		9449775.21		A	0.2
7	☐	1.000		9124753.62		A	0.1
8	☐	1.000		8839331.26		A	0.2
9	☐	1.000		7544198.99		A	0.5

US EPA Tune Check Sample Report

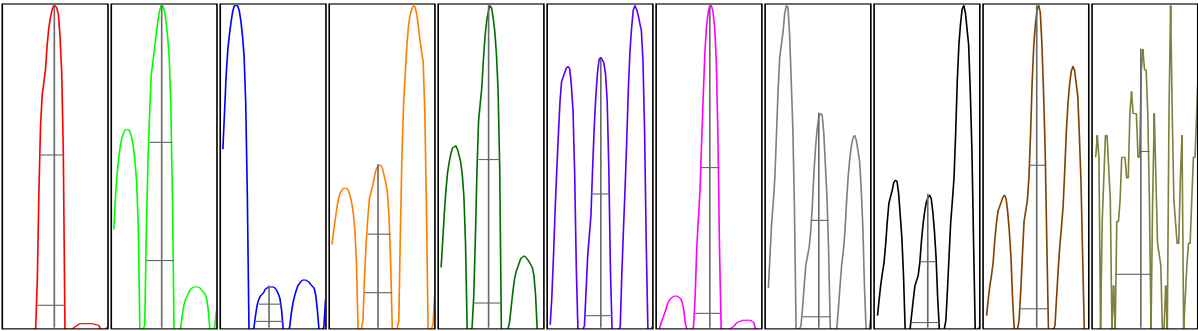
Batch Folder D:\ICP-MS Data\P7022119 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	29261	0.73	5.00	
24	278051	1.04	5.00	
25	38664	0.95	5.00	
26	44847	1.00	5.00	
59	229100	1.08	5.00	
113	26099	0.99	5.00	
115	300447	0.67	5.00	
206	69879	0.69	5.00	
207	63121	0.86	5.00	
208	151491	0.41	5.00	
220	0	35.58		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	29485	29497	29142	29137	29045
24	280712	281596	276800	275942	275207
25	38821	39216	38399	38579	38306
26	45168	45401	44755	44664	44249
59	231746	231861	227590	227029	227275
113	26463	26259	25970	25993	25811
115	302857	302398	298860	299298	298823
206	70026	70601	69524	69870	69376
207	63142	63902	62475	63301	62784
208	151900	152308	151351	151162	150733
220	0	0	1	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	45623	9.00	8.9 - 9.1		0.820	0.900	
24	437774	23.95	23.9 - 24.1		0.791	0.900	
25	58063	24.90	24.9 - 25.1		0.799	0.900	
26	67506	25.90	25.9 - 26.1		0.792	0.900	
59	381333	58.95	58.9 - 59.1		0.800	0.900	
113	49089	113.05	112.9 - 113.1		0.774	0.900	
115	571833	115.05	114.9 - 115.1		0.767	0.900	
206	136756	206.05	205.9 - 206.1		0.817	0.900	
207	122766	207.05	206.9 - 207.1		0.815	0.900	
208	296445	208.05	207.9 - 208.1		0.820	0.900	
220	1	219.90	-		1.003		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.0	V	Deflect	13.2	V
Extract 2	-160.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	68503	0.41	
89	56920	0.42	
205	70405	0.45	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	68911	68555	68385	68526	68139
89	56990	56974	56884	57203	56550
205	70511	70109	70524	70823	70057

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	9.3	V	Deflect	1.8	V
Extract 2	-170.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-85	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:14:29	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.09	-0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	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	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.12	-0.04	-0.08	0.00	N/A	ppb
Boron	11-1	-0.05	0.07	-0.02	0.00	N/A	ppb
Cadmium	111-1	-0.04	-0.01	0.05	0.00	N/A	ppb
Cadmium	106-1	-0.53	-0.11	0.64	0.00	N/A	ppb
Cadmium	108-1	0.02	0.01	-0.03	0.00	N/A	ppb
Calcium	43-1	0.04	0.58	-0.62	0.00	N/A	ppb
Calcium	44-1	0.89	-2.42	1.52	0.00	N/A	ppb
Chromium	52-2	0.00	-0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	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	-0.02	-0.04	0.00	N/A	ppb
Iron	57-2	0.13	0.07	-0.20	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	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	0.07	-0.13	0.00	N/A	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:14:29	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	-0.01	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	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-26.30	-24.22	-25.65	-25.39		ppb
Potassium	39-2	-0.46	0.15	0.31	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.07	-0.03	-0.03	0.00	N/A	ppb
Selenium	78-2	-0.15	-0.09	0.23	0.00	N/A	ppb
Selenium	82-1	0.06	-0.02	-0.05	0.00	N/A	ppb
Silicon	28-1	0.43	-0.51	0.08	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	-0.68	0.48	0.21	0.00	N/A	ppb
Strontium	86-1	0.02	-0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-49.57	-72.62	-84.82	-69.01		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	0.00	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:14:29	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	-0.05	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:23:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.12	18.87	17.47	17.82	5.20	ppb
Antimony	121-1	2.01	1.89	1.99	1.96	3.43	ppb
Arsenic	75-2	1.01	1.02	1.01	1.01	0.37	ppb
Barium	135-1	10.12	9.91	9.91	9.98	1.21	ppb
Barium	137-1	10.12	9.84	9.80	9.92	1.76	ppb
Beryllium	9-1	1.00	1.01	1.02	1.01	1.09	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	23.39	23.16	24.36	23.64	2.69	ppb
Boron	11-1	23.15	22.93	24.07	23.38	2.58	ppb
Cadmium	111-1	1.05	0.94	0.94	0.98	6.96	ppb
Cadmium	106-1	2.18	0.61	0.57	1.12	81.79	ppb
Cadmium	108-1	0.93	1.00	0.73	0.89	15.93	ppb
Calcium	43-1	459.17	478.43	465.05	467.55	2.11	ppb
Calcium	44-1	469.08	469.10	466.45	468.21	0.33	ppb
Chromium	52-2	1.95	1.95	2.00	1.96	1.36	ppb
Cobalt	59-2	0.98	0.99	0.99	0.99	0.71	ppb
Copper	63-2	2.00	2.07	2.08	2.05	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	54.57	55.62	55.24	55.14	0.97	ppb
Iron	57-2	55.51	57.51	56.83	56.62	1.79	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.90	0.89	0.88	1.92	ppb
Lead	207-1	0.86	0.86	0.87	0.86	0.87	ppb
Lead	208-1	0.88	0.88	0.89	0.88	0.86	ppb
Lithium	6-1				102		%
Magnesium	24-2	491.37	504.56	489.86	495.26	1.63	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:23:08	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	0.98	1.04	1.01	2.73	ppb
Molybdenum	94-1	4.76	4.76	4.72	4.75	0.49	ppb
Molybdenum	95-1	4.74	4.62	4.74	4.70	1.43	ppb
Molybdenum	96-1	4.70	4.70	4.70	4.70	0.09	ppb
Molybdenum	97-1	4.85	4.71	4.62	4.73	2.51	ppb
Molybdenum	98-1	4.57	4.73	4.64	4.65	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.12	1.13	1.12	1.35	ppb
Phosphorus	31-2	23.39	27.31	25.47	25.39	7.73	ppb
Potassium	39-2	443.81	443.36	442.18	443.12	0.19	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	5.28	5.46	6.60	5.78	12.35	ppb
Selenium	78-2	4.73	6.03	5.72	5.50	12.39	ppb
Selenium	82-1	5.49	5.68	5.86	5.68	3.22	ppb
Silicon	28-1	9.98	10.61	10.19	10.26	3.14	ppb
Silver	109-1	1.15	1.11	1.10	1.12	2.21	ppb
Silver	107-1	1.11	1.12	1.12	1.12	0.49	ppb
Sodium	23-2	458.58	465.12	466.34	463.35	0.90	ppb
Strontium	86-1	0.84	0.81	0.79	0.81	3.34	ppb
Strontium	88-1	0.83	0.81	0.81	0.82	1.47	ppb
Sulfur	34-1	106.56	46.57	53.88	69.01	47.43	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.85	0.87	0.87	0.87	1.23	ppb
Thallium	205-1	0.88	0.89	0.86	0.88	1.61	ppb
Thorium	232-1	0.81	0.82	0.81	0.82	0.97	ppb
Tin	118-1	5.09	5.08	5.07	5.08	0.21	ppb
Titanium	47-1	4.95	4.82	4.89	4.89	1.33	ppb
Uranium	238-1	0.86	0.86	0.85	0.86	0.74	ppb
Vanadium	51-2	4.98	5.07	5.00	5.02	0.92	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:23:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.11	2.08	2.17	2.12	2.14	ppb
Zirconium	90-1	0.94	0.97	0.94	0.95	1.53	ppb
Zirconium	91-1	0.96	0.96	1.01	0.98	2.77	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:27:04	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	932.96	933.90	936.71	934.52	0.21	ppb
Antimony	121-1	51.56	51.85	51.47	51.62	0.38	ppb
Arsenic	75-2	51.56	52.69	52.47	52.24	1.15	ppb
Barium	135-1	252.53	256.39	250.96	253.29	1.10	ppb
Barium	137-1	251.77	253.04	250.37	251.73	0.53	ppb
Beryllium	9-1	53.29	53.49	53.22	53.33	0.27	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	49.84	51.19	51.13	50.72	1.50	ppb
Boron	11-1	48.30	49.69	50.59	49.52	2.33	ppb
Cadmium	111-1	50.92	51.90	50.60	51.14	1.32	ppb
Cadmium	106-1	51.66	51.66	50.51	51.28	1.29	ppb
Cadmium	108-1	52.81	51.83	52.23	52.29	0.95	ppb
Calcium	43-1	4908.05	4938.74	4980.89	4942.56	0.74	ppb
Calcium	44-1	4844.88	4762.49	4851.10	4819.49	1.03	ppb
Chromium	52-2	50.89	50.66	50.83	50.79	0.23	ppb
Cobalt	59-2	51.86	52.68	52.17	52.24	0.80	ppb
Copper	63-2	106.34	106.68	105.77	106.27	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	2610.05	2667.10	2612.77	2629.97	1.22	ppb
Iron	57-2	2589.72	2654.92	2591.81	2612.15	1.42	ppb
Krypton	83-1						cps
Lead	206-1	48.64	47.35	47.57	47.86	1.44	ppb
Lead	207-1	48.62	47.81	47.97	48.13	0.89	ppb
Lead	208-1	48.97	48.12	48.16	48.42	0.99	ppb
Lithium	6-1				101		%
Magnesium	24-2	5034.45	5046.18	5045.56	5042.07	0.13	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:27:04	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.60	103.44	102.50	102.51	0.90	ppb
Molybdenum	94-1	247.28	250.01	249.95	249.08	0.63	ppb
Molybdenum	95-1	249.49	250.77	251.42	250.56	0.39	ppb
Molybdenum	96-1	248.62	248.80	247.41	248.28	0.30	ppb
Molybdenum	97-1	248.34	251.23	251.23	250.27	0.67	ppb
Molybdenum	98-1	249.56	253.01	251.67	251.41	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.63	54.92	54.66	54.74	0.29	ppb
Phosphorus	31-2	1007.92	1035.05	1030.39	1024.45	1.42	ppb
Potassium	39-2	2297.57	2302.88	2298.88	2299.78	0.12	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	52.05	55.27	51.83	53.05	3.64	ppb
Selenium	78-2	55.97	55.01	52.73	54.57	3.05	ppb
Selenium	82-1	55.41	55.30	55.33	55.35	0.10	ppb
Silicon	28-1	65.69	66.60	68.34	66.88	2.02	ppb
Silver	109-1	53.06	53.31	52.94	53.11	0.36	ppb
Silver	107-1	52.67	52.67	52.61	52.65	0.07	ppb
Sodium	23-2	4828.14	4854.26	4785.51	4822.64	0.72	ppb
Strontium	86-1	50.42	50.53	50.89	50.61	0.49	ppb
Strontium	88-1	49.80	49.92	50.63	50.12	0.90	ppb
Sulfur	34-1	1165.26	1092.62	1157.78	1138.55	3.51	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	48.36	47.93	48.63	48.31	0.72	ppb
Thallium	205-1	48.48	47.97	48.65	48.37	0.72	ppb
Thorium	232-1	46.36	45.58	46.33	46.09	0.96	ppb
Tin	118-1	50.71	52.26	51.42	51.46	1.51	ppb
Titanium	47-1	249.55	247.96	250.60	249.37	0.53	ppb
Uranium	238-1	46.75	46.26	46.49	46.50	0.53	ppb
Vanadium	51-2	50.03	50.47	49.88	50.13	0.62	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:27:04	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	107.98	109.19	108.44	108.54	0.56	ppb
Zirconium	90-1	49.20	49.60	49.13	49.31	0.51	ppb
Zirconium	91-1	49.49	49.99	49.44	49.64	0.61	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:31:09	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2350.95	2382.58	2319.77	2351.10	1.34	ppb
Antimony	121-1	126.15	127.61	128.26	127.34	0.85	ppb
Arsenic	75-2	128.48	129.50	129.02	129.00	0.40	ppb
Barium	135-1	626.16	626.03	629.59	627.26	0.32	ppb
Barium	137-1	623.61	628.29	639.64	630.51	1.31	ppb
Beryllium	9-1	129.54	130.03	132.65	130.74	1.28	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	123.21	125.62	128.62	125.82	2.15	ppb
Boron	11-1	120.98	124.00	126.24	123.74	2.13	ppb
Cadmium	111-1	123.75	124.69	123.71	124.05	0.45	ppb
Cadmium	106-1	122.76	122.98	124.03	123.26	0.55	ppb
Cadmium	108-1	124.27	126.12	126.13	125.51	0.85	ppb
Calcium	43-1	12244.89	12204.10	12554.82	12334.61	1.55	ppb
Calcium	44-1	11971.55	12136.78	12225.54	12111.29	1.06	ppb
Chromium	52-2	126.83	127.18	125.73	126.58	0.60	ppb
Cobalt	59-2	131.52	132.37	129.24	131.04	1.24	ppb
Copper	63-2	264.41	269.46	261.07	264.98	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	6566.07	6656.29	6434.02	6552.13	1.71	ppb
Iron	57-2	6552.17	6613.29	6471.09	6545.52	1.09	ppb
Krypton	83-1						cps
Lead	206-1	118.90	118.94	121.12	119.65	1.06	ppb
Lead	207-1	120.15	118.60	122.47	120.41	1.62	ppb
Lead	208-1	119.89	120.15	123.52	121.19	1.67	ppb
Lithium	6-1				101		%
Magnesium	24-2	12668.41	12825.46	12427.37	12640.41	1.59	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:31:09	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	254.19	258.78	251.76	254.91	1.40	ppb
Molybdenum	94-1	607.84	621.31	620.08	616.41	1.21	ppb
Molybdenum	95-1	620.70	614.12	621.97	618.93	0.68	ppb
Molybdenum	96-1	612.61	612.86	616.89	614.12	0.39	ppb
Molybdenum	97-1	620.51	626.59	627.30	624.80	0.60	ppb
Molybdenum	98-1	619.50	619.62	623.47	620.86	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.55	137.80	134.15	135.84	1.36	ppb
Phosphorus	31-2	2566.52	2554.31	2498.88	2539.90	1.42	ppb
Potassium	39-2	5758.09	5796.76	5680.00	5744.95	1.04	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	133.66	137.40	140.07	137.04	2.35	ppb
Selenium	78-2	132.07	132.76	135.26	133.37	1.26	ppb
Selenium	82-1	133.90	134.57	135.28	134.59	0.51	ppb
Silicon	28-1	165.71	171.64	174.55	170.63	2.64	ppb
Silver	109-1	125.71	127.61	128.75	127.36	1.21	ppb
Silver	107-1	126.14	128.18	129.73	128.02	1.41	ppb
Sodium	23-2	12187.56	12195.15	11929.45	12104.05	1.25	ppb
Strontium	86-1	124.43	125.43	125.38	125.08	0.45	ppb
Strontium	88-1	122.97	122.92	124.07	123.32	0.52	ppb
Sulfur	34-1	2396.25	2539.00	2526.62	2487.29	3.18	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	121.58	119.55	121.61	120.91	0.98	ppb
Thallium	205-1	121.38	118.68	120.58	120.22	1.15	ppb
Thorium	232-1	115.50	115.94	116.51	115.98	0.44	ppb
Tin	118-1	124.63	125.43	126.17	125.41	0.61	ppb
Titanium	47-1	623.87	633.57	629.00	628.81	0.77	ppb
Uranium	238-1	118.17	115.18	116.84	116.73	1.28	ppb
Vanadium	51-2	125.73	127.63	124.22	125.86	1.36	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:31:09	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	267.39	272.44	262.83	267.55	1.80	ppb
Zirconium	90-1	122.72	124.81	124.11	123.88	0.86	ppb
Zirconium	91-1	121.93	123.23	124.33	123.16	0.97	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:34:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4618.56	4646.93	4661.76	4642.42	0.47	ppb
Antimony	121-1	252.74	256.01	255.99	254.91	0.74	ppb
Arsenic	75-2	257.44	260.15	253.95	257.18	1.21	ppb
Barium	135-1	1266.15	1237.61	1239.18	1247.65	1.29	ppb
Barium	137-1	1241.18	1245.80	1236.58	1241.18	0.37	ppb
Beryllium	9-1	256.25	260.48	259.88	258.87	0.88	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	245.23	254.71	256.53	252.16	2.41	ppb
Boron	11-1	242.41	246.49	253.48	247.46	2.26	ppb
Cadmium	111-1	242.42	244.08	245.21	243.90	0.58	ppb
Cadmium	106-1	245.86	245.50	245.50	245.62	0.08	ppb
Cadmium	108-1	247.25	249.27	245.99	247.50	0.67	ppb
Calcium	43-1	24800.56	24851.94	25083.26	24911.92	0.60	ppb
Calcium	44-1	24282.61	24002.22	24316.39	24200.41	0.71	ppb
Chromium	52-2	251.94	255.34	252.09	253.13	0.76	ppb
Cobalt	59-2	259.13	262.34	260.28	260.58	0.63	ppb
Copper	63-2	522.93	530.20	522.01	525.05	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	13048.69	13190.88	13223.94	13154.50	0.71	ppb
Iron	57-2	13146.44	13152.51	13108.32	13135.76	0.18	ppb
Krypton	83-1						cps
Lead	206-1	239.76	243.29	247.62	243.56	1.62	ppb
Lead	207-1	237.08	244.33	245.06	242.15	1.82	ppb
Lead	208-1	240.80	243.18	246.55	243.51	1.19	ppb
Lithium	6-1				98		%
Magnesium	24-2	25090.14	25416.50	25167.11	25224.58	0.68	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:34:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	506.07	513.47	509.19	509.58	0.73	ppb
Molybdenum	94-1	1252.03	1234.81	1231.74	1239.53	0.88	ppb
Molybdenum	95-1	1254.95	1244.63	1229.49	1243.02	1.03	ppb
Molybdenum	96-1	1262.91	1245.13	1227.11	1245.05	1.44	ppb
Molybdenum	97-1	1254.27	1246.95	1230.75	1243.99	0.97	ppb
Molybdenum	98-1	1274.49	1243.00	1243.10	1253.53	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.14	269.53	271.10	268.59	1.15	ppb
Phosphorus	31-2	5069.67	5132.80	5055.48	5085.99	0.81	ppb
Potassium	39-2	11470.56	11554.34	11447.18	11490.69	0.49	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	257.55	267.83	253.51	259.63	2.84	ppb
Selenium	78-2	261.00	269.06	258.16	262.74	2.15	ppb
Selenium	82-1	268.13	267.08	265.54	266.92	0.49	ppb
Silicon	28-1	273.20	286.60	282.35	280.72	2.44	ppb
Silver	109-1	253.05	248.76	251.10	250.97	0.86	ppb
Silver	107-1	249.09	253.18	248.74	250.34	0.99	ppb
Sodium	23-2	24010.50	24398.01	24128.97	24179.16	0.82	ppb
Strontium	86-1	253.91	250.79	251.45	252.05	0.65	ppb
Strontium	88-1	251.47	250.83	247.43	249.91	0.87	ppb
Sulfur	34-1	4624.67	4724.27	4557.35	4635.43	1.81	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	243.58	248.25	248.72	246.85	1.15	ppb
Thallium	205-1	238.51	248.98	244.36	243.95	2.15	ppb
Thorium	232-1	238.15	240.66	239.70	239.50	0.53	ppb
Tin	118-1	251.40	252.75	255.24	253.13	0.77	ppb
Titanium	47-1	1235.37	1266.80	1247.82	1250.00	1.27	ppb
Uranium	238-1	237.06	240.83	241.66	239.85	1.02	ppb
Vanadium	51-2	250.59	254.68	250.42	251.90	0.96	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:34:57	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	522.70	529.30	529.63	527.21	0.74	ppb
Zirconium	90-1	250.19	247.37	243.91	247.15	1.27	ppb
Zirconium	91-1	247.86	246.24	247.35	247.15	0.33	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:38:43	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9308.30	9232.67	9325.12	9288.70	0.53	ppb
Antimony	121-1	518.65	499.86	507.76	508.76	1.85	ppb
Arsenic	75-2	511.21	510.64	508.83	510.23	0.24	ppb
Barium	135-1	2522.10	2500.69	2503.80	2508.86	0.46	ppb
Barium	137-1	2533.91	2514.50	2494.09	2514.17	0.79	ppb
Beryllium	9-1	519.04	511.54	516.28	515.62	0.74	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	502.67	506.93	510.91	506.84	0.81	ppb
Boron	11-1	495.68	496.28	509.79	500.59	1.59	ppb
Cadmium	111-1	488.21	484.30	479.99	484.17	0.85	ppb
Cadmium	106-1	498.36	490.62	483.75	490.91	1.49	ppb
Cadmium	108-1	496.06	487.29	485.73	489.69	1.14	ppb
Calcium	43-1	49787.04	49184.11	49695.71	49555.62	0.66	ppb
Calcium	44-1	48725.77	48209.76	48399.50	48445.01	0.54	ppb
Chromium	52-2	503.92	498.96	495.28	499.39	0.87	ppb
Cobalt	59-2	510.38	504.97	502.30	505.88	0.81	ppb
Copper	63-2	1019.10	1009.02	1003.32	1010.48	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	26249.72	25955.82	25803.04	26002.86	0.87	ppb
Iron	57-2	26193.16	25859.26	25597.39	25883.27	1.15	ppb
Krypton	83-1						cps
Lead	206-1	501.76	490.16	484.65	492.19	1.78	ppb
Lead	207-1	499.28	487.80	491.28	492.78	1.19	ppb
Lead	208-1	501.16	486.42	490.58	492.72	1.54	ppb
Lithium	6-1				96		%
Magnesium	24-2	49711.04	49090.65	49395.30	49399.00	0.63	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:38:43	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1015.46	1011.48	1009.14	1012.03	0.32	ppb
Molybdenum	94-1	2504.43	2489.93	2488.98	2494.45	0.35	ppb
Molybdenum	95-1	2532.04	2496.91	2502.75	2510.57	0.75	ppb
Molybdenum	96-1	2518.41	2476.86	2468.37	2487.88	1.08	ppb
Molybdenum	97-1	2532.37	2516.07	2508.08	2518.84	0.49	ppb
Molybdenum	98-1	2542.76	2484.09	2507.96	2511.60	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.04	520.55	514.21	519.27	0.88	ppb
Phosphorus	31-2	10264.34	10199.68	10157.20	10207.07	0.53	ppb
Potassium	39-2	23139.80	22872.12	22993.94	23001.95	0.58	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	529.45	509.93	510.50	516.63	2.15	ppb
Selenium	78-2	520.23	514.39	520.74	518.45	0.68	ppb
Selenium	82-1	519.61	513.04	520.51	517.72	0.79	ppb
Silicon	28-1	586.60	573.10	581.06	580.26	1.17	ppb
Silver	109-1	510.23	493.60	495.19	499.67	1.84	ppb
Silver	107-1	505.06	492.13	492.52	496.57	1.48	ppb
Sodium	23-2	48812.26	47293.99	47185.47	47763.90	1.90	ppb
Strontium	86-1	500.90	500.90	507.83	503.21	0.80	ppb
Strontium	88-1	505.72	498.61	501.93	502.09	0.71	ppb
Sulfur	34-1	10235.87	9728.53	9685.24	9883.21	3.10	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	495.65	490.37	496.54	494.19	0.67	ppb
Thallium	205-1	501.10	486.11	485.41	490.87	1.81	ppb
Thorium	232-1	490.51	488.75	486.62	488.63	0.40	ppb
Tin	118-1	515.16	503.19	499.66	506.00	1.61	ppb
Titanium	47-1	2533.01	2481.36	2464.20	2492.86	1.44	ppb
Uranium	238-1	500.10	490.51	485.00	491.87	1.55	ppb
Vanadium	51-2	506.57	500.04	503.77	503.46	0.65	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:38:43	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1018.81	1001.68	1001.70	1007.39	0.98	ppb
Zirconium	90-1	498.74	494.59	501.47	498.27	0.70	ppb
Zirconium	91-1	497.27	496.80	498.98	497.68	0.23	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:42:30	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18587.56	18474.08	18717.84	18593.16	0.66	ppb
Antimony	121-1	985.90	1009.09	987.07	994.02	1.31	ppb
Arsenic	75-2	993.63	992.49	991.32	992.48	0.12	ppb
Barium	135-1	4972.72	4994.36	5020.05	4995.71	0.47	ppb
Barium	137-1	4961.41	5049.52	4972.11	4994.35	0.96	ppb
Beryllium	9-1	981.45	988.43	997.39	989.09	0.81	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	971.09	997.20	1019.52	995.94	2.43	ppb
Boron	11-1	986.10	1000.52	1015.07	1000.56	1.45	ppb
Cadmium	111-1	1013.48	1009.51	1005.52	1009.50	0.39	ppb
Cadmium	106-1	1001.10	1009.46	1006.83	1005.79	0.42	ppb
Cadmium	108-1	998.00	1013.63	1005.17	1005.60	0.78	ppb
Calcium	43-1	97242.27	96604.29	97781.44	97209.33	0.61	ppb
Calcium	44-1	97243.01	95832.02	97001.54	96692.19	0.78	ppb
Chromium	52-2	1008.80	997.58	991.49	999.29	0.88	ppb
Cobalt	59-2	1000.03	991.30	989.31	993.55	0.57	ppb
Copper	63-2	1982.07	1977.33	1999.54	1986.31	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	50477.43	50497.02	50402.77	50459.07	0.10	ppb
Iron	57-2	50552.01	50844.98	50606.88	50667.96	0.31	ppb
Krypton	83-1						cps
Lead	206-1	998.91	1006.39	1013.58	1006.29	0.73	ppb
Lead	207-1	990.20	1010.66	1017.86	1006.24	1.43	ppb
Lead	208-1	993.81	1010.40	1013.25	1005.82	1.04	ppb
Lithium	6-1				96		%
Magnesium	24-2	97836.22	98320.34	99522.42	98559.66	0.88	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:42:30	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2008.34	1979.86	1984.35	1990.85	0.77	ppb
Molybdenum	94-1	5053.33	4938.25	5027.96	5006.51	1.21	ppb
Molybdenum	95-1	5072.79	4909.45	5009.34	4997.19	1.65	ppb
Molybdenum	96-1	5026.61	4900.11	5099.51	5008.74	2.01	ppb
Molybdenum	97-1	5045.85	4914.51	5015.92	4992.09	1.38	ppb
Molybdenum	98-1	5024.81	4972.32	4984.17	4993.76	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	977.62	980.30	994.47	984.13	0.92	ppb
Phosphorus	31-2	20028.69	19722.82	19854.76	19868.76	0.77	ppb
Potassium	39-2	45767.60	45928.17	45769.49	45821.75	0.20	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	1007.85	968.58	986.42	987.62	1.99	ppb
Selenium	78-2	990.51	983.08	985.35	986.31	0.39	ppb
Selenium	82-1	989.14	968.22	998.97	985.44	1.59	ppb
Silicon	28-1	940.95	934.23	961.75	945.64	1.52	ppb
Silver	109-1	999.95	1004.13	994.33	999.47	0.49	ppb
Silver	107-1	994.68	1008.22	1000.46	1001.12	0.68	ppb
Sodium	23-2	95607.26	95872.65	95781.64	95753.85	0.14	ppb
Strontium	86-1	1005.09	986.98	1001.46	997.84	0.96	ppb
Strontium	88-1	1001.85	994.78	1000.92	999.18	0.38	ppb
Sulfur	34-1	20104.34	19876.21	20452.05	20144.20	1.44	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	994.95	1002.09	1015.83	1004.29	1.06	ppb
Thallium	205-1	1004.02	1006.65	1009.59	1006.76	0.28	ppb
Thorium	232-1	996.24	1014.46	1018.20	1009.63	1.16	ppb
Tin	118-1	998.16	990.02	1000.10	996.09	0.54	ppb
Titanium	47-1	5006.19	4956.97	5046.22	5003.13	0.89	ppb
Uranium	238-1	1019.44	999.32	1004.68	1007.81	1.03	ppb
Vanadium	51-2	994.28	1003.53	995.24	997.68	0.51	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:42:30	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1955.56	2002.12	2002.96	1986.88	1.37	ppb
Zirconium	90-1	1002.94	994.16	1008.16	1001.75	0.71	ppb
Zirconium	91-1	1013.05	998.23	995.07	1002.12	0.96	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:46:20	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100720.13	99626.13	100778.01	100374.76	0.65	ppb
Antimony	121-1	1.22	1.27	1.23	1.24	1.85	ppb
Arsenic	75-2	1.45	1.31	1.33	1.36	5.64	ppb
Barium	135-1	1.28	1.19	1.16	1.21	5.04	ppb
Barium	137-1	1.24	1.16	1.12	1.17	5.11	ppb
Beryllium	9-1	0.17	0.15	0.16	0.16	4.98	ppb
Bismuth	209-1				77		%
Bismuth	209-2				78		%
Boron	10-1	34.64	30.56	27.05	30.75	12.35	ppb
Boron	11-1	33.21	30.12	27.36	30.23	9.68	ppb
Cadmium	111-1	0.28	0.22	0.25	0.25	12.68	ppb
Cadmium	106-1	1.27	0.71	1.00	0.99	27.93	ppb
Cadmium	108-1	0.30	0.20	0.12	0.20	43.92	ppb
Calcium	43-1	504226.35	504988.63	492620.17	500611.72	1.38	ppb
Calcium	44-1	501795.80	503393.12	497416.87	500868.60	0.62	ppb
Chromium	52-2	17.81	17.73	17.98	17.84	0.74	ppb
Cobalt	59-2	11.44	11.38	11.41	11.41	0.26	ppb
Copper	63-2	2.89	2.85	2.92	2.89	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	248915.31	249184.74	251198.90	249766.32	0.50	ppb
Iron	57-2	249963.06	249744.80	249505.49	249737.78	0.09	ppb
Krypton	83-1						cps
Lead	206-1	1.88	1.82	1.72	1.81	4.48	ppb
Lead	207-1	1.71	1.64	1.65	1.66	2.20	ppb
Lead	208-1	1.76	1.74	1.72	1.74	1.32	ppb
Lithium	6-1				95		%
Magnesium	24-2	500651.66	497173.97	503173.40	500333.01	0.60	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:46:20	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.05	9.90	10.02	9.99	0.76	ppb
Molybdenum	94-1	3.78	3.53	3.49	3.60	4.36	ppb
Molybdenum	95-1	4.31	4.17	4.12	4.20	2.31	ppb
Molybdenum	96-1	5.49	5.38	5.29	5.39	1.80	ppb
Molybdenum	97-1	4.14	4.28	3.86	4.09	5.30	ppb
Molybdenum	98-1	4.15	4.16	3.97	4.09	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.96	18.42	18.86	18.75	1.53	ppb
Phosphorus	31-2	-14.53	-6.28	-2.49	-7.77		ppb
Potassium	39-2	251830.07	248394.13	253077.78	251100.66	0.97	ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				102		%
Scandium	45-2				109		%
Selenium	77-2	0.37	0.67	0.57	0.54	28.00	ppb
Selenium	78-2	0.28	0.62	0.76	0.55	44.32	ppb
Selenium	82-1	0.70	0.56	0.56	0.61	12.94	ppb
Silicon	28-1	81.92	85.84	84.53	84.10	2.37	ppb
Silver	109-1	0.13	0.12	0.12	0.13	4.05	ppb
Silver	107-1	0.14	0.13	0.12	0.13	6.70	ppb
Sodium	23-2	495309.73	501485.00	506582.04	501125.59	1.13	ppb
Strontium	86-1	4.07	4.14	3.84	4.01	3.93	ppb
Strontium	88-1	3.92	3.95	3.88	3.91	0.81	ppb
Sulfur	34-1	-234.47	-82.06	-58.73	-125.09		ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	0.31	0.30	0.28	0.30	4.71	ppb
Thallium	205-1	0.32	0.28	0.28	0.30	7.24	ppb
Thorium	232-1	0.30	0.27	0.25	0.28	8.99	ppb
Tin	118-1	0.89	0.90	0.81	0.87	5.35	ppb
Titanium	47-1	1.84	1.96	1.89	1.90	3.19	ppb
Uranium	238-1	0.19	0.19	0.17	0.18	6.05	ppb
Vanadium	51-2	0.28	0.29	0.29	0.29	3.49	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:46:20	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.76	15.86	15.52	15.71	1.12	ppb
Zirconium	90-1	0.40	0.38	0.38	0.39	3.41	ppb
Zirconium	91-1	0.41	0.40	0.39	0.40	3.29	ppb

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 12:06:53 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	471.56	462.24	476.67	470.16	1.56	ppb
Antimony	121-1	197.06	195.21	192.30	194.85	1.23	ppb
Arsenic	75-2	207.16	206.27	204.25	205.89	0.72	ppb
Barium	135-1	95.88	96.80	93.70	95.46	1.67	ppb
Barium	137-1	96.75	96.23	94.64	95.87	1.15	ppb
Beryllium	9-1	99.26	98.36	96.41	98.01	1.49	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	2.25	2.52	2.40	2.39	5.65	ppb
Boron	11-1	2.26	2.34	2.36	2.32	2.15	ppb
Cadmium	111-1	96.28	96.97	94.14	95.79	1.54	ppb
Cadmium	106-1	77.54	80.41	78.86	78.94	1.81	ppb
Cadmium	108-1	110.57	109.92	107.85	109.45	1.30	ppb
Calcium	43-1	1893.91	1846.28	1800.63	1846.94	2.53	ppb
Calcium	44-1	1922.45	1926.30	1862.98	1903.91	1.86	ppb
Chromium	52-2	96.58	95.15	96.54	96.09	0.85	ppb
Cobalt	59-2	101.07	101.52	100.25	100.95	0.64	ppb
Copper	63-2	102.94	102.12	101.68	102.25	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				106		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	1045.31	1024.71	1009.16	1026.39	1.77	ppb
Iron	57-2	1013.92	1003.71	1009.17	1008.93	0.51	ppb
Krypton	83-1						cps
Lead	206-1	181.05	181.09	182.48	181.54	0.45	ppb
Lead	207-1	177.51	176.20	173.69	175.80	1.10	ppb
Lead	208-1	184.28	180.16	179.51	181.32	1.43	ppb
Lithium	6-1				106		%
Magnesium	24-2	1148.51	1147.56	1179.25	1158.44	1.56	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:06:53	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.51	95.69	96.04	95.75	0.28	ppb
Molybdenum	94-1	1783.19	1715.77	1680.37	1726.44	3.03	ppb
Molybdenum	95-1	2445.91	2371.37	2319.10	2378.79	2.68	ppb
Molybdenum	96-1	2366.16	2303.04	2250.45	2306.55	2.51	ppb
Molybdenum	97-1	2493.67	2370.63	2331.54	2398.61	3.53	ppb
Molybdenum	98-1	2475.18	2381.87	2318.14	2391.73	3.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.08	104.51	105.58	105.06	0.51	ppb
Phosphorus	31-2	-27.75	-24.99	-29.21	-27.32		ppb
Potassium	39-2	1812.27	1791.34	1846.15	1816.58	1.52	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				108		%
Selenium	77-2	220.36	215.25	219.95	218.52	1.30	ppb
Selenium	78-2	221.80	217.44	218.23	219.16	1.06	ppb
Selenium	82-1	207.36	203.63	200.78	203.92	1.62	ppb
Silicon	28-1	8.38	8.39	8.55	8.44	1.16	ppb
Silver	109-1	102.08	103.99	101.83	102.63	1.15	ppb
Silver	107-1	102.65	101.80	99.36	101.27	1.69	ppb
Sodium	23-2	1892.93	1878.21	1900.87	1890.67	0.61	ppb
Strontium	86-1	1.98	1.88	1.81	1.89	4.43	ppb
Strontium	88-1	1.87	1.84	1.84	1.85	0.96	ppb
Sulfur	34-1	-648.30	-931.34	-1045.44	-875.03		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	186.52	183.73	181.96	184.07	1.25	ppb
Thallium	205-1	189.99	186.15	184.13	186.76	1.60	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	6.95	ppb
Tin	118-1	0.39	0.38	0.39	0.39	1.43	ppb
Titanium	47-1	2467.49	2382.94	2311.23	2387.22	3.28	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	3.96	ppb
Vanadium	51-2	95.91	94.63	95.60	95.38	0.70	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:06:53	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	205.35	204.29	206.53	205.39	0.55	ppb
Zirconium	90-1	0.17	0.11	0.12	0.13	21.35	ppb
Zirconium	91-1	0.29	0.23	0.21	0.24	16.55	ppb

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 12:16:42 DataFile Name : 013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.61	19.00	18.24	18.62	2.05	ppb
Antimony	121-1	1.96	1.95	1.93	1.95	0.78	ppb
Arsenic	75-2	0.98	0.88	0.94	0.93	4.95	ppb
Barium	135-1	9.75	9.97	9.43	9.72	2.81	ppb
Barium	137-1	9.52	9.65	9.61	9.59	0.66	ppb
Beryllium	9-1	0.99	1.00	1.00	1.00	0.20	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	23.79	24.07	24.72	24.19	1.99	ppb
Boron	11-1	23.65	24.45	24.50	24.20	1.99	ppb
Cadmium	111-1	1.08	0.99	0.84	0.97	12.52	ppb
Cadmium	106-1	2.13	1.35	-0.03	1.15	95.23	ppb
Cadmium	108-1	0.93	0.91	1.06	0.97	8.53	ppb
Calcium	43-1	476.04	467.84	445.36	463.08	3.43	ppb
Calcium	44-1	483.69	492.33	480.66	485.56	1.25	ppb
Chromium	52-2	1.96	1.86	1.92	1.91	2.51	ppb
Cobalt	59-2	1.01	0.93	0.96	0.97	4.10	ppb
Copper	63-2	2.04	1.91	2.04	2.00	3.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	56.12	52.45	55.80	54.79	3.71	ppb
Iron	57-2	56.99	52.74	58.24	55.99	5.15	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.87	0.86	0.87	1.10	ppb
Lead	207-1	0.87	0.86	0.86	0.86	0.51	ppb
Lead	208-1	0.87	0.87	0.87	0.87	0.45	ppb
Lithium	6-1				105		%
Magnesium	24-2	499.02	471.36	487.33	485.90	2.86	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:16:42	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	0.98	1.06	1.02	3.93	ppb
Molybdenum	94-1	4.61	4.55	4.52	4.56	1.06	ppb
Molybdenum	95-1	4.57	4.61	4.55	4.58	0.65	ppb
Molybdenum	96-1	4.70	4.65	4.51	4.62	2.11	ppb
Molybdenum	97-1	4.58	4.65	4.47	4.57	2.02	ppb
Molybdenum	98-1	4.64	4.51	4.53	4.56	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.08	1.09	1.10	2.24	ppb
Phosphorus	31-2	29.03	28.77	30.68	29.49	3.52	ppb
Potassium	39-2	459.74	434.89	450.65	448.43	2.80	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	5.77	4.95	4.34	5.02	14.24	ppb
Selenium	78-2	5.39	5.80	5.67	5.62	3.69	ppb
Selenium	82-1	5.66	5.57	5.37	5.53	2.63	ppb
Silicon	28-1	10.89	11.20	11.28	11.12	1.87	ppb
Silver	109-1	1.13	1.10	1.17	1.13	2.96	ppb
Silver	107-1	1.12	1.14	1.11	1.12	1.34	ppb
Sodium	23-2	475.64	456.49	471.28	467.80	2.15	ppb
Strontium	86-1	0.83	0.83	0.79	0.82	3.09	ppb
Strontium	88-1	0.79	0.79	0.78	0.79	0.59	ppb
Sulfur	34-1	-275.82	-260.58	-271.94	-269.45		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.87	0.88	0.86	0.87	1.56	ppb
Thallium	205-1	0.88	0.88	0.88	0.88	0.40	ppb
Thorium	232-1	0.81	0.81	0.79	0.80	1.12	ppb
Tin	118-1	5.08	5.10	4.88	5.02	2.41	ppb
Titanium	47-1	4.77	4.76	4.87	4.80	1.25	ppb
Uranium	238-1	0.82	0.82	0.83	0.82	1.26	ppb
Vanadium	51-2	5.05	4.84	5.01	4.97	2.30	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:16:42	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.10	1.97	2.11	2.06	3.77	ppb
Zirconium	90-1	0.92	0.93	0.92	0.92	0.68	ppb
Zirconium	91-1	0.87	0.93	0.89	0.90	3.43	ppb

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 12:20:19 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	0.54	0.36	0.41	28.38	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	7.50	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	85.37	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	53.50	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	1.80	1.72	1.39	1.64	13.37	ppb
Boron	11-1	1.57	1.43	1.32	1.44	8.66	ppb
Cadmium	111-1	0.04	0.07	0.00	0.03	111.74	ppb
Cadmium	106-1	0.42	0.83	-0.09	0.39	119.77	ppb
Cadmium	108-1	-0.06	-0.07	0.00	-0.04		ppb
Calcium	43-1	-0.24	1.63	2.39	1.26	107.75	ppb
Calcium	44-1	20.40	19.80	19.10	19.77	3.29	ppb
Chromium	52-2	0.00	0.03	0.02	0.02	79.41	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.04	-0.04	-0.04	-0.04		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				103		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	0.94	0.87	0.95	0.92	4.98	ppb
Iron	57-2	0.49	1.31	0.96	0.92	44.56	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	142.81	ppb
Lead	207-1	0.01	0.01	0.01	0.01	29.44	ppb
Lead	208-1	0.00	0.01	0.00	0.00	19.00	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.29	1.13	1.28	1.23	7.00	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:20:19	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.03	0.02	0.03	0.03	35.20	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	8.75	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	20.79	ppb
Molybdenum	97-1	0.04	0.02	0.02	0.03	44.37	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	15.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-29.70	-25.74	-21.35	-25.60		ppb
Potassium	39-2	5.61	4.73	6.87	5.74	18.80	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	77-2	-0.03	0.06	-0.03	0.00		ppb
Selenium	78-2	0.37	0.29	-0.22	0.14	219.34	ppb
Selenium	82-1	0.06	0.30	0.02	0.12	123.31	ppb
Silicon	28-1	-0.50	-0.72	-0.23	-0.48		ppb
Silver	109-1	0.00	0.00	0.00	0.00	55.07	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6.94	7.46	8.12	7.51	7.88	ppb
Strontium	86-1	-0.01	0.00	0.04	0.01	274.32	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	29.61	ppb
Sulfur	34-1	-231.71	-221.24	-137.22	-196.72		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.01	0.01	24.62	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	34.30	ppb
Thorium	232-1	0.01	0.00	0.01	0.01	25.08	ppb
Tin	118-1	0.00	0.01	0.01	0.01	43.86	ppb
Titanium	47-1	0.03	0.02	0.01	0.02	64.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	282.55	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	122.48	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:20:19	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	-0.02	-0.07	-0.03		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	1348.12	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	69.24	ppb

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 12:23:56 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83334.12	84907.20	84933.94	84391.76	1.09	ppb
Antimony	121-1	1.09	1.12	1.13	1.11	1.75	ppb
Arsenic	75-2	0.33	0.26	0.28	0.29	11.97	ppb
Barium	135-1	1.56	1.46	1.49	1.50	3.46	ppb
Barium	137-1	1.46	1.43	1.44	1.45	1.05	ppb
Beryllium	9-1	0.28	0.27	0.28	0.28	2.29	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	1.75	1.34	1.36	1.48	15.48	ppb
Boron	11-1	1.56	1.53	1.43	1.50	4.48	ppb
Cadmium	111-1	0.72	0.61	0.53	0.62	15.55	ppb
Cadmium	106-1	0.33	-0.63	-0.84	-0.38		ppb
Cadmium	108-1	17.19	16.79	16.25	16.74	2.84	ppb
Calcium	43-1	93338.58	92847.46	93993.16	93393.07	0.62	ppb
Calcium	44-1	92772.23	93780.20	94176.06	93576.17	0.77	ppb
Chromium	52-2	19.94	19.87	19.56	19.79	1.02	ppb
Cobalt	59-2	1.16	1.15	1.12	1.14	1.80	ppb
Copper	63-2	7.37	7.36	7.35	7.36	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	98213.22	98682.77	98286.11	98394.03	0.26	ppb
Iron	57-2	98780.21	97719.83	98727.45	98409.16	0.61	ppb
Krypton	83-1						cps
Lead	206-1	4.81	4.79	4.83	4.81	0.45	ppb
Lead	207-1	4.22	4.20	4.26	4.23	0.78	ppb
Lead	208-1	4.48	4.49	4.53	4.50	0.63	ppb
Lithium	6-1				102		%
Magnesium	24-2	95480.39	96452.57	95427.85	95786.94	0.60	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:23:56	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.51	7.57	7.53	7.54	0.36	ppb
Molybdenum	94-1	1309.90	1298.60	1287.81	1298.77	0.85	ppb
Molybdenum	95-1	1814.74	1798.10	1796.52	1803.12	0.56	ppb
Molybdenum	96-1	1746.43	1732.82	1742.29	1740.51	0.40	ppb
Molybdenum	97-1	1784.08	1805.12	1797.54	1795.58	0.59	ppb
Molybdenum	98-1	1816.42	1794.98	1803.48	1804.96	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.22	5.22	5.32	5.25	1.14	ppb
Phosphorus	31-2	96800.83	98866.50	96768.52	97478.62	1.23	ppb
Potassium	39-2	91092.53	91435.74	91110.29	91212.86	0.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	0.07	-0.03	0.56	0.20	161.57	ppb
Selenium	78-2	0.09	-0.30	0.18	-0.01		ppb
Selenium	82-1	0.10	0.33	0.00	0.14	118.58	ppb
Silicon	28-1	33.53	34.64	35.14	34.43	2.39	ppb
Silver	109-1	0.04	0.04	0.04	0.04	11.06	ppb
Silver	107-1	0.04	0.04	0.05	0.04	18.18	ppb
Sodium	23-2	93869.66	93112.63	94531.32	93837.87	0.76	ppb
Strontium	86-1	28.83	29.25	28.98	29.02	0.74	ppb
Strontium	88-1	28.59	28.23	28.67	28.49	0.83	ppb
Sulfur	34-1	77408.87	76929.91	78067.34	77468.71	0.74	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.09	0.09	0.08	10.19	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	7.17	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	7.63	ppb
Tin	118-1	0.15	0.14	0.16	0.15	7.10	ppb
Titanium	47-1	1974.17	1968.25	1988.44	1976.95	0.52	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.36	ppb
Vanadium	51-2	0.17	0.16	0.16	0.17	3.94	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:23:56	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.31	10.11	10.33	10.25	1.17	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	17.73	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	16.20	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:27:38	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85742.38	85207.91	87316.05	86088.78	1.27	ppb
Antimony	121-1	20.71	21.11	20.70	20.84	1.13	ppb
Arsenic	75-2	19.81	20.04	20.63	20.16	2.10	ppb
Barium	135-1	21.94	22.24	21.71	21.97	1.21	ppb
Barium	137-1	21.29	22.16	21.60	21.68	2.03	ppb
Beryllium	9-1	19.99	19.70	20.00	19.90	0.84	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	64.28	63.47	65.92	64.55	1.93	ppb
Boron	11-1	64.40	64.05	65.52	64.66	1.19	ppb
Cadmium	111-1	19.63	19.94	19.47	19.68	1.21	ppb
Cadmium	106-1	28.18	27.77	26.43	27.46	3.32	ppb
Cadmium	108-1	39.01	39.35	39.56	39.31	0.71	ppb
Calcium	43-1	93190.63	95343.91	94609.51	94381.35	1.16	ppb
Calcium	44-1	93871.15	95170.46	95169.41	94737.01	0.79	ppb
Chromium	52-2	39.17	39.02	39.42	39.20	0.51	ppb
Cobalt	59-2	20.48	20.58	20.91	20.66	1.09	ppb
Copper	63-2	26.46	26.34	26.94	26.58	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	99651.23	99612.44	100304.51	99856.06	0.39	ppb
Iron	57-2	99809.12	98784.54	100339.64	99644.43	0.79	ppb
Krypton	83-1						cps
Lead	206-1	24.84	25.23	25.55	25.21	1.41	ppb
Lead	207-1	23.05	23.25	23.35	23.22	0.66	ppb
Lead	208-1	23.78	23.99	24.24	24.01	0.97	ppb
Lithium	6-1				105		%
Magnesium	24-2	97770.30	96447.86	97750.96	97323.04	0.78	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:27:38	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.67	26.45	26.89	26.67	0.83	ppb
Molybdenum	94-1	1442.63	1430.35	1428.57	1433.85	0.53	ppb
Molybdenum	95-1	1892.28	1891.65	1906.11	1896.68	0.43	ppb
Molybdenum	96-1	1827.08	1833.92	1820.66	1827.22	0.36	ppb
Molybdenum	97-1	1888.69	1876.85	1873.72	1879.76	0.42	ppb
Molybdenum	98-1	1878.40	1873.85	1894.81	1882.35	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.77	24.91	25.04	24.91	0.53	ppb
Phosphorus	31-2	99437.44	97992.58	99882.64	99104.22	1.00	ppb
Potassium	39-2	92100.79	91834.26	93696.17	92543.74	1.09	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	77-2	18.45	22.64	19.39	20.16	10.90	ppb
Selenium	78-2	20.09	19.73	20.62	20.14	2.23	ppb
Selenium	82-1	19.34	19.81	19.46	19.54	1.25	ppb
Silicon	28-1	104.37	106.16	106.35	105.63	1.04	ppb
Silver	109-1	18.78	19.24	18.45	18.82	2.11	ppb
Silver	107-1	18.63	19.09	18.72	18.82	1.30	ppb
Sodium	23-2	96116.31	95207.24	96844.86	96056.13	0.85	ppb
Strontium	86-1	81.26	82.28	82.81	82.12	0.96	ppb
Strontium	88-1	82.09	81.75	82.59	82.14	0.51	ppb
Sulfur	34-1	78746.27	78325.83	78809.18	78627.10	0.33	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	19.99	20.28	20.29	20.18	0.83	ppb
Thallium	205-1	19.93	20.55	20.68	20.39	1.96	ppb
Thorium	232-1	0.37	0.38	0.37	0.37	1.33	ppb
Tin	118-1	60.97	62.02	60.91	61.30	1.02	ppb
Titanium	47-1	2046.38	2041.05	2033.14	2040.19	0.33	ppb
Uranium	238-1	62.68	63.78	63.52	63.33	0.91	ppb
Vanadium	51-2	19.59	19.40	19.70	19.57	0.78	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:27:38	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.64	28.70	29.46	28.93	1.58	ppb
Zirconium	90-1	62.90	63.85	63.20	63.32	0.77	ppb
Zirconium	91-1	63.38	63.18	63.43	63.33	0.20	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:39:30	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50438.21	50338.21	50077.19	50284.54	0.37	ppb
Antimony	121-1	490.33	488.40	493.31	490.68	0.50	ppb
Arsenic	75-2	471.49	474.70	481.91	476.04	1.12	ppb
Barium	135-1	2545.46	2539.77	2528.93	2538.06	0.33	ppb
Barium	137-1	2544.64	2517.78	2551.14	2537.85	0.70	ppb
Beryllium	9-1	482.52	484.47	486.42	484.47	0.40	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Boron	10-1	498.31	500.84	500.83	499.99	0.29	ppb
Boron	11-1	493.07	500.93	507.34	500.45	1.43	ppb
Cadmium	111-1	518.87	509.67	524.82	517.79	1.47	ppb
Cadmium	106-1	529.96	527.60	535.20	530.92	0.73	ppb
Cadmium	108-1	522.06	525.10	534.43	527.20	1.22	ppb
Calcium	43-1	239811.20	242186.48	237539.70	239845.79	0.97	ppb
Calcium	44-1	239483.06	240716.41	236962.59	239054.02	0.80	ppb
Chromium	52-2	478.60	480.17	478.88	479.22	0.17	ppb
Cobalt	59-2	480.96	475.55	472.52	476.34	0.90	ppb
Copper	63-2	996.04	986.52	986.26	989.61	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	123905.51	123299.50	123219.30	123474.77	0.30	ppb
Iron	57-2	124126.10	123078.29	123318.19	123507.53	0.44	ppb
Krypton	83-1						cps
Lead	206-1	509.09	494.43	504.78	502.77	1.50	ppb
Lead	207-1	506.98	504.83	504.27	505.36	0.28	ppb
Lead	208-1	505.84	502.03	505.25	504.37	0.41	ppb
Lithium	6-1				104		%
Magnesium	24-2	244267.71	242547.45	244852.16	243889.11	0.49	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:39:30	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	975.63	974.65	965.83	972.04	0.56	ppb
Molybdenum	94-1	2476.44	2467.00	2451.34	2464.93	0.51	ppb
Molybdenum	95-1	2478.43	2420.56	2478.67	2459.22	1.36	ppb
Molybdenum	96-1	2441.92	2458.02	2456.42	2452.12	0.36	ppb
Molybdenum	97-1	2440.31	2476.82	2459.21	2458.78	0.74	ppb
Molybdenum	98-1	2483.38	2484.99	2474.10	2480.82	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.31	463.57	465.63	465.84	0.51	ppb
Phosphorus	31-2	10073.43	9842.36	10009.34	9975.04	1.20	ppb
Potassium	39-2	119753.85	118020.12	117827.21	118533.73	0.90	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	77-2	490.47	497.38	489.12	492.32	0.90	ppb
Selenium	78-2	490.34	500.18	492.69	494.40	1.04	ppb
Selenium	82-1	476.82	478.79	481.18	478.93	0.46	ppb
Silicon	28-1	560.15	573.48	577.64	570.43	1.60	ppb
Silver	109-1	496.48	492.26	500.57	496.43	0.84	ppb
Silver	107-1	498.03	490.82	502.38	497.08	1.17	ppb
Sodium	23-2	241699.34	238628.89	240266.70	240198.31	0.64	ppb
Strontium	86-1	500.72	501.53	500.46	500.90	0.11	ppb
Strontium	88-1	498.81	493.96	491.48	494.75	0.75	ppb
Sulfur	34-1	10195.29	10140.86	10064.96	10133.71	0.65	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	516.95	509.04	515.90	513.96	0.84	ppb
Thallium	205-1	512.45	512.44	509.93	511.61	0.28	ppb
Thorium	232-1	521.41	520.90	509.36	517.23	1.32	ppb
Tin	118-1	506.62	503.34	515.81	508.59	1.27	ppb
Titanium	47-1	2482.36	2493.16	2493.05	2489.52	0.25	ppb
Uranium	238-1	514.15	511.28	510.09	511.84	0.41	ppb
Vanadium	51-2	494.06	491.41	489.02	491.50	0.51	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:39:30	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1074.01	1071.77	1079.29	1075.02	0.36	ppb
Zirconium	90-1	496.39	500.41	496.48	497.76	0.46	ppb
Zirconium	91-1	486.92	482.73	495.81	488.49	1.37	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:43:54	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.85	19.79	20.94	20.19	3.19	ppb
Antimony	121-1	2.06	2.13	2.11	2.10	1.71	ppb
Arsenic	75-2	1.11	1.03	1.09	1.08	3.81	ppb
Barium	135-1	9.85	9.82	10.00	9.89	0.97	ppb
Barium	137-1	9.88	9.83	9.65	9.79	1.25	ppb
Beryllium	9-1	1.01	1.04	1.03	1.03	1.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	38.99	39.01	38.29	38.76	1.05	ppb
Boron	11-1	38.54	38.27	37.60	38.13	1.27	ppb
Cadmium	111-1	1.02	1.14	1.06	1.08	5.45	ppb
Cadmium	106-1	1.14	1.83	1.90	1.63	25.85	ppb
Cadmium	108-1	1.14	0.95	1.20	1.10	11.95	ppb
Calcium	43-1	459.58	465.39	456.05	460.34	1.02	ppb
Calcium	44-1	521.35	510.56	516.24	516.05	1.05	ppb
Chromium	52-2	1.94	1.97	2.02	1.98	2.25	ppb
Cobalt	59-2	0.97	0.99	0.97	0.98	1.30	ppb
Copper	63-2	2.08	2.16	2.15	2.13	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				108		%
Iron	56-2	62.36	62.65	62.77	62.60	0.34	ppb
Iron	57-2	63.50	62.87	63.90	63.43	0.82	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.88	0.91	0.90	2.40	ppb
Lead	207-1	0.94	0.91	0.91	0.92	1.66	ppb
Lead	208-1	0.93	0.91	0.92	0.92	0.99	ppb
Lithium	6-1				112		%
Magnesium	24-2	497.86	498.30	506.50	500.89	0.97	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:43:54	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.08	1.08	1.07	2.12	ppb
Molybdenum	94-1	4.92	4.88	4.76	4.86	1.70	ppb
Molybdenum	95-1	4.82	4.78	4.75	4.78	0.75	ppb
Molybdenum	96-1	4.84	4.84	4.69	4.79	1.82	ppb
Molybdenum	97-1	4.74	4.87	4.75	4.79	1.53	ppb
Molybdenum	98-1	4.86	4.80	4.69	4.78	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.14	1.08	1.12	2.73	ppb
Phosphorus	31-2	29.85	39.12	28.95	32.64	17.25	ppb
Potassium	39-2	488.44	492.64	484.18	488.42	0.87	ppb
Rhodium	103-1				114		%
Rhodium	103-2				111		%
Scandium	45-1				120		%
Scandium	45-2				113		%
Selenium	77-2	5.38	5.86	7.30	6.18	16.19	ppb
Selenium	78-2	5.75	5.62	6.24	5.87	5.56	ppb
Selenium	82-1	5.19	6.17	5.78	5.71	8.62	ppb
Silicon	28-1	13.71	13.11	12.80	13.21	3.52	ppb
Silver	109-1	1.18	1.24	1.20	1.21	2.52	ppb
Silver	107-1	1.20	1.18	1.20	1.19	0.70	ppb
Sodium	23-2	516.10	522.85	516.85	518.60	0.71	ppb
Strontium	86-1	0.88	0.86	0.80	0.85	4.93	ppb
Strontium	88-1	0.84	0.84	0.81	0.83	1.64	ppb
Sulfur	34-1	-333.20	-339.15	-336.76	-336.37		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	1.00	1.04	1.01	1.02	1.90	ppb
Thallium	205-1	1.00	0.98	0.99	0.99	0.96	ppb
Thorium	232-1	0.87	0.85	0.85	0.85	1.27	ppb
Tin	118-1	5.19	5.12	5.16	5.16	0.68	ppb
Titanium	47-1	5.09	4.83	4.78	4.90	3.41	ppb
Uranium	238-1	0.85	0.85	0.84	0.85	0.71	ppb
Vanadium	51-2	4.93	5.06	4.99	4.99	1.24	ppb
Yttrium	89-1				115		%
Yttrium	89-2				110		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:43:54	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.15	2.19	2.37	2.24	5.10	ppb
Zirconium	90-1	0.98	0.99	0.97	0.98	0.99	ppb
Zirconium	91-1	0.97	1.03	0.99	1.00	3.11	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:47:29	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.44	2.44	2.28	2.39	3.92	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	4.02	ppb
Arsenic	75-2	0.04	0.04	0.01	0.03	50.87	ppb
Barium	135-1	0.13	0.10	0.10	0.11	16.59	ppb
Barium	137-1	0.11	0.11	0.11	0.11	4.20	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	12.62	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	9.19	9.30	8.43	8.97	5.31	ppb
Boron	11-1	9.20	9.02	8.67	8.97	3.00	ppb
Cadmium	111-1	0.07	-0.02	0.16	0.07	121.97	ppb
Cadmium	106-1	0.59	-0.72	1.53	0.47	241.68	ppb
Cadmium	108-1	0.11	0.04	-0.01	0.04	136.39	ppb
Calcium	43-1	11.93	8.86	8.34	9.71	19.98	ppb
Calcium	44-1	51.22	46.78	49.79	49.26	4.59	ppb
Chromium	52-2	0.06	0.07	0.03	0.05	40.97	ppb
Cobalt	59-2	0.02	0.01	0.01	0.02	25.50	ppb
Copper	63-2	0.08	0.08	0.07	0.08	7.31	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				111		%
Indium	115-2				106		%
Iron	56-2	5.98	5.75	5.35	5.69	5.56	ppb
Iron	57-2	5.92	5.29	5.85	5.68	6.08	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	7.29	ppb
Lead	207-1	0.04	0.05	0.04	0.04	14.52	ppb
Lead	208-1	0.04	0.04	0.04	0.04	3.26	ppb
Lithium	6-1				110		%
Magnesium	24-2	9.40	9.35	8.98	9.25	2.47	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:47:29	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.03	0.03	0.03	17.48	ppb
Molybdenum	94-1	0.15	0.15	0.16	0.15	1.90	ppb
Molybdenum	95-1	0.20	0.20	0.16	0.19	11.17	ppb
Molybdenum	96-1	0.20	0.17	0.18	0.18	7.00	ppb
Molybdenum	97-1	0.20	0.17	0.13	0.17	19.12	ppb
Molybdenum	98-1	0.20	0.18	0.18	0.19	6.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.01	0.02	52.48	ppb
Phosphorus	31-2	-25.99	-22.23	-20.23	-22.82		ppb
Potassium	39-2	28.02	24.59	24.54	25.72	7.77	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				116		%
Scandium	45-2				110		%
Selenium	77-2	0.06	0.16	0.06	0.09	58.45	ppb
Selenium	78-2	0.27	0.04	-0.05	0.09	184.26	ppb
Selenium	82-1	0.10	0.26	0.40	0.25	58.40	ppb
Silicon	28-1	1.16	0.24	0.96	0.79	61.72	ppb
Silver	109-1	0.05	0.05	0.05	0.05	5.08	ppb
Silver	107-1	0.05	0.06	0.05	0.05	7.27	ppb
Sodium	23-2	39.77	38.23	37.48	38.50	3.04	ppb
Strontium	86-1	0.04	0.03	-0.02	0.02	204.92	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	7.87	ppb
Sulfur	34-1	-150.72	-300.18	-151.10	-200.67		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.08	0.08	0.08	1.89	ppb
Thallium	205-1	0.09	0.08	0.09	0.08	1.95	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	3.84	ppb
Tin	118-1	0.05	0.05	0.05	0.05	6.60	ppb
Titanium	47-1	0.20	0.14	0.13	0.16	23.82	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	14.25	ppb
Vanadium	51-2	0.01	0.02	0.02	0.01	44.42	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:47:29	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	0.03	0.00	0.01	196.41	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	31.51	ppb
Zirconium	91-1	0.02	0.05	0.02	0.03	56.82	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:54:42	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.85	18.60	20.31	19.25	4.80	ppb
Antimony	121-1	1.95	2.04	2.03	2.01	2.47	ppb
Arsenic	75-2	1.03	1.05	1.10	1.06	3.28	ppb
Barium	135-1	9.95	10.22	10.17	10.12	1.45	ppb
Barium	137-1	9.77	10.22	10.26	10.09	2.69	ppb
Beryllium	9-1	1.00	1.03	0.99	1.01	2.53	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	27.84	28.65	29.31	28.60	2.58	ppb
Boron	11-1	27.57	28.12	28.27	27.99	1.32	ppb
Cadmium	111-1	0.98	1.09	1.00	1.02	5.47	ppb
Cadmium	106-1	0.87	2.23	1.09	1.40	52.08	ppb
Cadmium	108-1	1.11	1.00	0.95	1.02	8.33	ppb
Calcium	43-1	463.91	471.76	470.68	468.78	0.91	ppb
Calcium	44-1	503.81	492.51	506.15	500.82	1.46	ppb
Chromium	52-2	1.90	1.95	2.01	1.95	2.91	ppb
Cobalt	59-2	1.01	0.97	1.01	1.00	2.03	ppb
Copper	63-2	2.10	2.09	2.10	2.10	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				104		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	56.67	57.47	57.23	57.12	0.72	ppb
Iron	57-2	60.25	57.86	56.10	58.07	3.58	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.93	0.93	0.91	2.72	ppb
Lead	207-1	0.89	0.83	0.92	0.88	5.37	ppb
Lead	208-1	0.90	0.90	0.93	0.91	1.54	ppb
Lithium	6-1				110		%
Magnesium	24-2	508.19	508.32	500.59	505.70	0.87	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:54:42	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.06	1.04	1.03	1.04	1.40	ppb
Molybdenum	94-1	4.66	4.72	4.57	4.65	1.65	ppb
Molybdenum	95-1	4.58	4.69	4.78	4.68	2.09	ppb
Molybdenum	96-1	4.64	4.68	4.62	4.65	0.65	ppb
Molybdenum	97-1	4.65	4.69	4.70	4.68	0.52	ppb
Molybdenum	98-1	4.63	4.60	4.63	4.62	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.09	1.18	1.14	4.01	ppb
Phosphorus	31-2	35.64	24.33	35.05	31.67	20.10	ppb
Potassium	39-2	472.06	470.42	468.41	470.29	0.39	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	77-2	4.18	5.74	5.75	5.23	17.28	ppb
Selenium	78-2	6.25	6.25	6.35	6.28	0.90	ppb
Selenium	82-1	5.51	5.34	5.87	5.57	4.82	ppb
Silicon	28-1	12.27	11.46	11.94	11.89	3.42	ppb
Silver	109-1	1.21	1.20	1.21	1.21	0.33	ppb
Silver	107-1	1.16	1.18	1.20	1.18	1.66	ppb
Sodium	23-2	492.80	500.12	489.39	494.10	1.11	ppb
Strontium	86-1	0.88	0.85	0.79	0.84	5.34	ppb
Strontium	88-1	0.82	0.82	0.83	0.82	0.34	ppb
Sulfur	34-1	72.33	36.72	141.28	83.44	63.71	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.95	0.91	0.92	0.92	2.33	ppb
Thallium	205-1	0.93	0.93	0.95	0.94	0.96	ppb
Thorium	232-1	0.83	0.83	0.85	0.84	1.66	ppb
Tin	118-1	5.22	5.24	5.30	5.25	0.84	ppb
Titanium	47-1	5.19	4.81	5.04	5.01	3.87	ppb
Uranium	238-1	0.83	0.84	0.86	0.84	1.75	ppb
Vanadium	51-2	5.08	5.14	5.09	5.11	0.67	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:54:42	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.14	2.16	2.08	2.13	1.91	ppb
Zirconium	90-1	0.96	0.96	0.99	0.97	1.40	ppb
Zirconium	91-1	1.02	0.95	0.97	0.98	4.12	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	PB117247BL	Instrumnet Name :	P7
Client Sample ID :	PB117247BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:58:18	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.00	0.81	0.93	0.92	10.28	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	5.11	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.02	0.02	0.01	0.02	15.14	ppb
Barium	137-1	0.01	0.01	0.02	0.01	48.40	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	8.66	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	4.04	4.02	3.99	4.02	0.60	ppb
Boron	11-1	4.24	3.88	3.74	3.95	6.45	ppb
Cadmium	111-1	0.03	0.02	0.03	0.03	15.74	ppb
Cadmium	106-1	0.33	0.12	0.15	0.20	56.28	ppb
Cadmium	108-1	0.00	-0.05	-0.07	-0.04		ppb
Calcium	43-1	4.19	3.96	1.40	3.18	48.75	ppb
Calcium	44-1	26.49	24.96	24.07	25.17	4.85	ppb
Chromium	52-2	0.02	0.00	0.02	0.01	95.11	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	119.79	ppb
Copper	63-2	0.03	0.04	0.03	0.03	22.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	1.68	1.60	1.52	1.60	5.15	ppb
Iron	57-2	1.64	2.18	1.59	1.80	17.83	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	39.02	ppb
Lead	207-1	0.02	0.01	0.01	0.01	28.99	ppb
Lead	208-1	0.01	0.01	0.01	0.01	2.39	ppb
Lithium	6-1				111		%
Magnesium	24-2	1.97	1.76	2.03	1.92	7.36	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	PB117247BL	Instrumnet Name :	P7
Client Sample ID :	PB117247BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:58:18	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.01	0.00	69.59	ppb
Molybdenum	94-1	0.05	0.04	0.03	0.04	24.41	ppb
Molybdenum	95-1	0.05	0.04	0.05	0.04	10.30	ppb
Molybdenum	96-1	0.05	0.03	0.04	0.04	25.14	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	7.36	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	9.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	252.68	ppb
Phosphorus	31-2	-22.96	-22.01	-29.30	-24.76		ppb
Potassium	39-2	11.28	9.26	11.52	10.69	11.61	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	77-2	0.06	0.06	-0.03	0.03	184.01	ppb
Selenium	78-2	-0.08	0.10	-0.36	-0.12		ppb
Selenium	82-1	0.21	0.00	0.19	0.13	85.72	ppb
Silicon	28-1	0.11	-0.31	-0.51	-0.24		ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.87	ppb
Silver	107-1	0.00	0.01	0.01	0.01	38.76	ppb
Sodium	23-2	17.27	16.67	17.01	16.98	1.78	ppb
Strontium	86-1	-0.02	-0.01	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	18.13	ppb
Sulfur	34-1	157.26	131.06	112.94	133.76	16.66	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.04	0.04	0.04	12.46	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	2.50	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	6.69	ppb
Tin	118-1	0.04	0.02	0.02	0.03	29.20	ppb
Titanium	47-1	0.02	0.02	0.09	0.04	89.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	43.59	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	41.02	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	PB117247BL	Instrumnet Name :	P7
Client Sample ID :	PB117247BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:58:18	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	0.10	0.13	0.10	30.43	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	81.57	ppb
Zirconium	91-1	-0.01	0.01	0.02	0.01	298.13	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	PB117247BS	Instrumnet Name :	P7
Client Sample ID :	PB117247BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:03:23	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9256.88	9277.94	9217.70	9250.84	0.33	ppb
Antimony	121-1	522.85	522.04	505.19	516.69	1.93	ppb
Arsenic	75-2	513.36	506.39	512.56	510.77	0.75	ppb
Barium	135-1	2583.69	2544.09	2528.55	2552.11	1.11	ppb
Barium	137-1	2548.83	2578.06	2532.15	2553.01	0.91	ppb
Beryllium	9-1	508.96	516.17	512.76	512.63	0.70	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	491.39	505.91	516.83	504.71	2.53	ppb
Boron	11-1	491.72	497.54	504.55	497.94	1.29	ppb
Cadmium	111-1	490.78	490.54	487.36	489.56	0.39	ppb
Cadmium	106-1	510.31	512.31	507.80	510.14	0.44	ppb
Cadmium	108-1	502.38	505.17	492.97	500.17	1.28	ppb
Calcium	43-1	48640.40	49952.89	49074.56	49222.62	1.36	ppb
Calcium	44-1	48655.91	50041.79	47872.86	48856.85	2.25	ppb
Chromium	52-2	489.92	487.76	488.16	488.61	0.24	ppb
Cobalt	59-2	499.15	502.72	497.89	499.92	0.50	ppb
Copper	63-2	995.60	999.66	992.44	995.90	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	25502.17	25869.18	25722.66	25698.00	0.72	ppb
Iron	57-2	25118.21	25530.12	25193.84	25280.73	0.87	ppb
Krypton	83-1						cps
Lead	206-1	492.23	498.45	487.45	492.71	1.12	ppb
Lead	207-1	490.79	496.49	486.51	491.26	1.02	ppb
Lead	208-1	488.87	495.49	488.53	490.96	0.80	ppb
Lithium	6-1				105		%
Magnesium	24-2	50089.23	49772.17	49017.02	49626.14	1.11	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	PB117247BS	Instrumnet Name :	P7
Client Sample ID :	PB117247BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:03:23	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1000.29	999.20	993.02	997.50	0.39	ppb
Molybdenum	94-1	2465.83	2468.43	2478.58	2470.95	0.27	ppb
Molybdenum	95-1	2484.71	2487.78	2468.62	2480.37	0.41	ppb
Molybdenum	96-1	2490.63	2493.22	2425.61	2469.82	1.55	ppb
Molybdenum	97-1	2464.78	2490.89	2469.29	2474.99	0.56	ppb
Molybdenum	98-1	2438.92	2487.02	2470.33	2465.42	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.84	510.70	510.16	508.57	0.64	ppb
Phosphorus	31-2	10028.87	10103.90	10100.41	10077.72	0.42	ppb
Potassium	39-2	22786.34	22993.18	22529.27	22769.60	1.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	77-2	526.57	522.01	513.29	520.63	1.30	ppb
Selenium	78-2	521.64	522.35	524.54	522.84	0.29	ppb
Selenium	82-1	514.86	520.05	511.44	515.45	0.84	ppb
Silicon	28-1	556.44	574.61	566.43	565.83	1.61	ppb
Silver	109-1	509.48	510.24	505.92	508.55	0.45	ppb
Silver	107-1	514.45	515.85	507.57	512.62	0.86	ppb
Sodium	23-2	48073.94	48484.98	48035.47	48198.13	0.52	ppb
Strontium	86-1	499.70	497.23	498.64	498.52	0.25	ppb
Strontium	88-1	497.18	498.97	489.47	495.21	1.02	ppb
Sulfur	34-1	10910.40	10738.29	10380.28	10676.32	2.53	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	496.40	495.44	492.06	494.63	0.46	ppb
Thallium	205-1	493.65	496.37	487.27	492.43	0.95	ppb
Thorium	232-1	479.22	491.16	479.45	483.28	1.41	ppb
Tin	118-1	520.35	520.91	513.43	518.23	0.80	ppb
Titanium	47-1	2527.08	2557.37	2506.34	2530.26	1.01	ppb
Uranium	238-1	480.17	488.50	486.49	485.05	0.90	ppb
Vanadium	51-2	489.32	495.35	492.60	492.42	0.61	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	PB117247BS	Instrumnet Name :	P7
Client Sample ID :	PB117247BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:03:23	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	973.38	989.44	976.05	979.62	0.88	ppb
Zirconium	90-1	505.70	499.94	498.01	501.22	0.80	ppb
Zirconium	91-1	486.55	499.17	495.16	493.63	1.31	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-01	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:07:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102369.32	103139.90	101252.60	102253.94	0.93	ppb
Antimony	121-1	0.29	0.26	0.26	0.27	5.99	ppb
Arsenic	75-2	132.77	135.10	133.58	133.82	0.88	ppb
Barium	135-1	1214.96	1266.85	1229.92	1237.24	2.16	ppb
Barium	137-1	1235.54	1250.71	1238.23	1241.50	0.65	ppb
Beryllium	9-1	8.26	8.37	8.38	8.34	0.80	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	65.32	67.19	64.28	65.60	2.25	ppb
Boron	11-1	66.61	67.13	64.72	66.15	1.92	ppb
Cadmium	111-1	2.85	2.93	2.80	2.86	2.34	ppb
Cadmium	106-1	26.83	27.59	26.08	26.83	2.82	ppb
Cadmium	108-1	9.93	9.83	10.54	10.10	3.85	ppb
Calcium	43-1	15840.71	16174.00	16080.01	16031.57	1.07	ppb
Calcium	44-1	15729.70	15920.99	15830.24	15826.98	0.60	ppb
Chromium	52-2	205.29	205.05	204.99	205.11	0.08	ppb
Cobalt	59-2	167.99	169.41	166.98	168.13	0.73	ppb
Copper	63-2	104.55	106.10	105.34	105.33	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	284203.99	288974.33	283752.17	285643.50	1.01	ppb
Iron	57-2	284807.02	286524.66	280443.36	283925.01	1.10	ppb
Krypton	83-1						cps
Lead	206-1	84.31	86.34	84.84	85.16	1.23	ppb
Lead	207-1	77.38	77.71	78.95	78.01	1.06	ppb
Lead	208-1	81.19	81.72	81.88	81.60	0.45	ppb
Lithium	6-1				115		%
Magnesium	24-2	66606.74	66607.09	65649.23	66287.69	0.83	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-01	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:07:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8216.11	8354.09	8240.62	8270.28	0.89	ppb
Molybdenum	94-1	75.54	76.46	75.82	75.94	0.62	ppb
Molybdenum	95-1	4.63	4.57	4.42	4.54	2.32	ppb
Molybdenum	96-1	14.30	14.39	14.31	14.33	0.33	ppb
Molybdenum	97-1	4.62	4.43	4.47	4.51	2.24	ppb
Molybdenum	98-1	4.50	4.35	4.38	4.41	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	331.64	334.65	330.46	332.25	0.65	ppb
Phosphorus	31-2	1822.79	1887.03	1849.18	1853.00	1.74	ppb
Potassium	39-2	23024.32	22978.18	22954.02	22985.50	0.16	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				120		%
Scandium	45-2				116		%
Selenium	77-2	50.18	53.24	49.61	51.01	3.83	ppb
Selenium	78-2	11.59	10.64	10.54	10.92	5.31	ppb
Selenium	82-1	1.86	2.04	1.76	1.89	7.53	ppb
Silicon	28-1	587.36	500.26	515.26	534.29	8.71	ppb
Silver	109-1	0.10	0.09	0.09	0.09	7.06	ppb
Silver	107-1	0.20	0.19	0.21	0.20	6.07	ppb
Sodium	23-2	1778.91	1791.46	1796.75	1789.04	0.51	ppb
Strontium	86-1	165.75	166.51	168.34	166.87	0.80	ppb
Strontium	88-1	165.71	167.69	166.88	166.76	0.60	ppb
Sulfur	34-1	-819.53	-781.28	-873.58	-824.80		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	2.74	2.80	2.66	2.73	2.51	ppb
Thallium	205-1	2.71	2.86	2.73	2.77	2.88	ppb
Thorium	232-1	54.62	55.22	55.26	55.03	0.65	ppb
Tin	118-1	1.35	1.37	1.44	1.39	3.40	ppb
Titanium	47-1	535.27	539.44	540.83	538.52	0.54	ppb
Uranium	238-1	10.66	10.78	10.82	10.75	0.78	ppb
Vanadium	51-2	831.59	838.38	833.57	834.51	0.42	ppb
Yttrium	89-1				142		%
Yttrium	89-2				139		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-01	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:07:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	650.24	667.62	652.55	656.81	1.44	ppb
Zirconium	90-1	51.20	52.03	52.13	51.79	0.98	ppb
Zirconium	91-1	51.50	52.26	52.04	51.93	0.75	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-02	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:10:40	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89160.59	89094.80	89199.99	89151.79	0.06	ppb
Antimony	121-1	0.12	0.11	0.10	0.11	7.53	ppb
Arsenic	75-2	23.26	22.76	22.85	22.96	1.15	ppb
Barium	135-1	930.73	932.10	948.33	937.06	1.04	ppb
Barium	137-1	929.20	938.46	947.34	938.33	0.97	ppb
Beryllium	9-1	7.02	7.05	7.00	7.02	0.35	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	37.94	40.21	39.78	39.31	3.06	ppb
Boron	11-1	38.95	40.42	39.87	39.75	1.87	ppb
Cadmium	111-1	1.87	1.99	2.12	1.99	6.21	ppb
Cadmium	106-1	21.97	23.94	25.86	23.92	8.13	ppb
Cadmium	108-1	8.85	9.02	9.00	8.96	1.05	ppb
Calcium	43-1	11947.53	12030.11	11984.30	11987.31	0.35	ppb
Calcium	44-1	11942.65	12007.08	11901.36	11950.36	0.45	ppb
Chromium	52-2	192.66	193.36	196.22	194.08	0.97	ppb
Cobalt	59-2	117.03	119.64	119.43	118.70	1.22	ppb
Copper	63-2	109.50	111.38	110.43	110.44	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	172119.19	172362.44	170556.05	171679.23	0.57	ppb
Iron	57-2	169780.32	171226.63	172085.78	171030.91	0.68	ppb
Krypton	83-1						cps
Lead	206-1	90.40	91.31	90.69	90.80	0.52	ppb
Lead	207-1	83.21	83.44	83.26	83.30	0.15	ppb
Lead	208-1	87.31	88.12	87.61	87.68	0.46	ppb
Lithium	6-1				117		%
Magnesium	24-2	59368.69	58788.13	59121.80	59092.87	0.49	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-02	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:10:40	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6309.53	6312.52	6322.07	6314.71	0.10	ppb
Molybdenum	94-1	79.11	80.61	80.64	80.12	1.09	ppb
Molybdenum	95-1	4.27	4.26	4.24	4.26	0.44	ppb
Molybdenum	96-1	13.88	13.99	13.92	13.93	0.42	ppb
Molybdenum	97-1	4.09	4.22	4.13	4.15	1.60	ppb
Molybdenum	98-1	4.08	4.22	4.19	4.17	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	275.59	277.73	276.26	276.53	0.40	ppb
Phosphorus	31-2	2449.64	2442.06	2465.34	2452.34	0.48	ppb
Potassium	39-2	16422.08	16392.65	16344.93	16386.55	0.24	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				125		%
Scandium	45-2				120		%
Selenium	77-2	52.45	55.42	49.68	52.52	5.46	ppb
Selenium	78-2	10.02	10.93	10.41	10.45	4.40	ppb
Selenium	82-1	1.49	1.47	1.58	1.51	3.67	ppb
Silicon	28-1	279.60	263.62	289.97	277.73	4.78	ppb
Silver	109-1	0.06	0.05	0.05	0.05	5.18	ppb
Silver	107-1	0.16	0.15	0.16	0.16	0.92	ppb
Sodium	23-2	1892.38	1898.29	1877.76	1889.48	0.56	ppb
Strontium	86-1	99.20	101.53	99.85	100.19	1.20	ppb
Strontium	88-1	98.90	100.52	99.90	99.77	0.82	ppb
Sulfur	34-1	-1179.45	-1215.58	-1162.40	-1185.81		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	1.70	1.70	1.62	1.67	2.66	ppb
Thallium	205-1	1.65	1.68	1.66	1.66	0.79	ppb
Thorium	232-1	42.62	43.04	42.74	42.80	0.51	ppb
Tin	118-1	2.33	2.31	2.30	2.32	0.73	ppb
Titanium	47-1	695.66	705.76	692.53	697.98	0.99	ppb
Uranium	238-1	8.04	7.93	8.00	7.99	0.71	ppb
Vanadium	51-2	259.09	257.41	257.85	258.11	0.34	ppb
Yttrium	89-1				141		%
Yttrium	89-2				138		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-02	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:10:40	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	621.92	623.86	623.74	623.17	0.17	ppb
Zirconium	90-1	54.54	55.63	55.47	55.21	1.07	ppb
Zirconium	91-1	54.81	55.60	54.85	55.09	0.81	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:14:18	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36002.40	35996.98	35811.02	35936.80	0.30	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	5.40	ppb
Arsenic	75-2	32.92	32.56	32.52	32.67	0.67	ppb
Barium	135-1	412.56	416.76	421.73	417.01	1.10	ppb
Barium	137-1	411.61	419.07	423.08	417.92	1.39	ppb
Beryllium	9-1	4.17	4.09	4.08	4.11	1.16	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	16.82	17.17	16.98	16.99	1.02	ppb
Boron	11-1	16.66	16.79	17.04	16.83	1.15	ppb
Cadmium	111-1	0.86	0.93	1.00	0.93	7.62	ppb
Cadmium	106-1	9.17	10.32	11.56	10.35	11.54	ppb
Cadmium	108-1	3.94	4.27	4.62	4.28	7.95	ppb
Calcium	43-1	7240.76	7338.55	7237.14	7272.15	0.79	ppb
Calcium	44-1	7170.51	7263.73	7265.73	7233.33	0.75	ppb
Chromium	52-2	114.00	113.29	113.61	113.64	0.31	ppb
Cobalt	59-2	83.31	83.14	83.36	83.27	0.14	ppb
Copper	63-2	57.02	56.53	56.78	56.77	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	95681.45	94089.72	93167.25	94312.81	1.35	ppb
Iron	57-2	95137.69	94414.17	93620.83	94390.90	0.80	ppb
Krypton	83-1						cps
Lead	206-1	35.31	35.49	36.00	35.60	1.00	ppb
Lead	207-1	31.72	32.22	32.55	32.17	1.29	ppb
Lead	208-1	33.49	33.96	34.26	33.90	1.15	ppb
Lithium	6-1				116		%
Magnesium	24-2	33550.80	33627.02	33415.96	33531.26	0.32	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:14:18	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3914.01	3812.48	3875.02	3867.17	1.32	ppb
Molybdenum	94-1	42.29	41.32	42.18	41.93	1.26	ppb
Molybdenum	95-1	0.94	0.99	1.00	0.98	3.02	ppb
Molybdenum	96-1	6.27	6.13	6.31	6.24	1.51	ppb
Molybdenum	97-1	0.88	1.01	0.91	0.93	7.35	ppb
Molybdenum	98-1	0.93	0.93	0.94	0.93	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.74	136.38	138.56	137.56	0.80	ppb
Phosphorus	31-2	1711.06	1711.75	1676.74	1699.85	1.18	ppb
Potassium	39-2	4304.75	4382.29	4355.74	4347.59	0.91	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				119		%
Scandium	45-2				113		%
Selenium	77-2	29.35	28.83	33.78	30.65	8.87	ppb
Selenium	78-2	6.33	6.87	6.70	6.63	4.19	ppb
Selenium	82-1	0.92	0.67	0.81	0.80	15.72	ppb
Silicon	28-1	398.44	383.69	394.59	392.24	1.95	ppb
Silver	109-1	0.03	0.03	0.03	0.03	6.97	ppb
Silver	107-1	0.08	0.07	0.08	0.08	7.88	ppb
Sodium	23-2	531.50	529.44	523.72	528.22	0.76	ppb
Strontium	86-1	48.77	47.36	48.90	48.34	1.76	ppb
Strontium	88-1	48.18	48.05	47.99	48.08	0.20	ppb
Sulfur	34-1	-1149.15	-1081.79	-1112.49	-1114.47		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.47	0.45	0.48	0.46	3.32	ppb
Thallium	205-1	0.46	0.46	0.48	0.47	2.55	ppb
Thorium	232-1	18.58	18.63	19.57	18.93	2.96	ppb
Tin	118-1	0.24	0.26	0.28	0.26	6.02	ppb
Titanium	47-1	402.84	407.32	403.49	404.55	0.60	ppb
Uranium	238-1	3.68	3.66	3.68	3.67	0.41	ppb
Vanadium	51-2	165.55	164.91	164.99	165.15	0.21	ppb
Yttrium	89-1				126		%
Yttrium	89-2				120		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:14:18	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	331.97	329.51	331.81	331.10	0.42	ppb
Zirconium	90-1	29.54	29.36	29.85	29.58	0.83	ppb
Zirconium	91-1	29.91	29.24	29.63	29.59	1.15	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:17:58	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36824.33	36054.14	36769.70	36549.39	1.18	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	5.30	ppb
Arsenic	75-2	32.54	32.34	32.75	32.54	0.62	ppb
Barium	135-1	409.82	419.52	419.92	416.42	1.37	ppb
Barium	137-1	413.18	417.28	408.25	412.90	1.10	ppb
Beryllium	9-1	4.09	4.10	4.12	4.10	0.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	15.08	16.41	16.18	15.89	4.48	ppb
Boron	11-1	15.55	15.36	15.84	15.59	1.55	ppb
Cadmium	111-1	0.91	0.96	0.85	0.91	5.87	ppb
Cadmium	106-1	10.16	10.63	9.43	10.07	6.02	ppb
Cadmium	108-1	4.33	4.30	4.79	4.47	6.20	ppb
Calcium	43-1	7184.26	7304.96	7269.46	7252.89	0.86	ppb
Calcium	44-1	7283.84	7289.67	7253.60	7275.70	0.27	ppb
Chromium	52-2	113.82	115.15	114.07	114.35	0.62	ppb
Cobalt	59-2	84.82	84.45	84.88	84.72	0.28	ppb
Copper	63-2	57.10	57.75	57.48	57.45	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	95971.31	95577.87	96108.62	95885.93	0.29	ppb
Iron	57-2	95487.97	95385.68	95000.38	95291.34	0.27	ppb
Krypton	83-1						cps
Lead	206-1	35.55	35.81	36.48	35.95	1.34	ppb
Lead	207-1	32.25	32.66	33.23	32.71	1.50	ppb
Lead	208-1	33.91	34.05	34.90	34.29	1.55	ppb
Lithium	6-1				113		%
Magnesium	24-2	33834.68	33287.62	33608.03	33576.78	0.82	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:17:58	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3943.18	3920.39	3913.97	3925.85	0.39	ppb
Molybdenum	94-1	40.85	41.56	42.01	41.47	1.41	ppb
Molybdenum	95-1	1.00	1.03	0.97	1.00	2.87	ppb
Molybdenum	96-1	6.17	6.31	6.37	6.28	1.64	ppb
Molybdenum	97-1	0.94	0.96	0.94	0.95	1.12	ppb
Molybdenum	98-1	0.91	0.97	0.95	0.94	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.29	141.18	139.28	139.59	1.05	ppb
Phosphorus	31-2	1741.47	1718.26	1730.49	1730.08	0.67	ppb
Potassium	39-2	4419.38	4386.13	4383.27	4396.26	0.46	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				115		%
Scandium	45-2				109		%
Selenium	77-2	30.64	33.19	29.06	30.96	6.72	ppb
Selenium	78-2	6.65	6.60	6.52	6.59	0.97	ppb
Selenium	82-1	0.74	0.76	0.62	0.71	10.51	ppb
Silicon	28-1	315.67	457.30	304.26	359.08	23.74	ppb
Silver	109-1	0.03	0.03	0.03	0.03	2.35	ppb
Silver	107-1	0.08	0.07	0.07	0.07	4.45	ppb
Sodium	23-2	526.26	522.14	527.26	525.22	0.52	ppb
Strontium	86-1	48.25	48.42	48.39	48.35	0.19	ppb
Strontium	88-1	47.88	48.12	48.27	48.09	0.41	ppb
Sulfur	34-1	-1014.07	-952.45	-1043.15	-1003.22		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.47	0.46	0.44	0.45	3.40	ppb
Thallium	205-1	0.47	0.49	0.46	0.47	2.35	ppb
Thorium	232-1	18.85	18.79	19.37	19.01	1.68	ppb
Tin	118-1	0.26	0.23	0.26	0.25	6.13	ppb
Titanium	47-1	400.59	407.57	400.73	402.97	0.99	ppb
Uranium	238-1	3.63	3.73	3.75	3.70	1.69	ppb
Vanadium	51-2	166.16	166.52	166.66	166.45	0.15	ppb
Yttrium	89-1				123		%
Yttrium	89-2				117		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:17:58	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	334.84	337.71	336.90	336.49	0.44	ppb
Zirconium	90-1	29.56	30.00	29.76	29.78	0.74	ppb
Zirconium	91-1	29.40	29.78	29.35	29.51	0.80	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:21:37	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7411.82	7340.52	7363.65	7371.99	0.49	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	23.22	ppb
Arsenic	75-2	7.16	7.17	7.42	7.25	2.00	ppb
Barium	135-1	81.45	82.69	81.18	81.78	0.99	ppb
Barium	137-1	82.18	81.83	83.10	82.37	0.80	ppb
Beryllium	9-1	0.83	0.86	0.85	0.85	1.46	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	5.39	5.09	5.25	5.24	2.79	ppb
Boron	11-1	5.24	5.22	5.18	5.21	0.63	ppb
Cadmium	111-1	0.03	0.05	0.19	0.09	99.90	ppb
Cadmium	106-1	0.10	0.34	1.98	0.80	127.30	ppb
Cadmium	108-1	1.11	0.87	0.80	0.93	17.76	ppb
Calcium	43-1	1487.99	1509.53	1540.44	1512.65	1.74	ppb
Calcium	44-1	1559.84	1561.10	1575.04	1565.33	0.54	ppb
Chromium	52-2	23.72	23.41	23.66	23.60	0.71	ppb
Cobalt	59-2	17.55	17.57	17.42	17.51	0.47	ppb
Copper	63-2	11.96	11.89	11.89	11.91	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	19468.73	19221.75	19484.51	19391.66	0.76	ppb
Iron	57-2	19430.55	19243.23	19175.16	19282.98	0.69	ppb
Krypton	83-1						cps
Lead	206-1	6.85	6.71	6.80	6.79	1.01	ppb
Lead	207-1	6.25	6.18	6.21	6.21	0.51	ppb
Lead	208-1	6.56	6.48	6.55	6.53	0.64	ppb
Lithium	6-1				109		%
Magnesium	24-2	6942.51	6977.62	6992.68	6970.94	0.37	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:21:37	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	789.71	784.04	796.67	790.14	0.80	ppb
Molybdenum	94-1	9.05	8.95	8.96	8.99	0.62	ppb
Molybdenum	95-1	0.23	0.24	0.21	0.23	7.10	ppb
Molybdenum	96-1	1.36	1.44	1.35	1.38	3.65	ppb
Molybdenum	97-1	0.23	0.22	0.21	0.22	3.73	ppb
Molybdenum	98-1	0.19	0.20	0.22	0.20	7.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.26	29.55	29.02	29.28	0.91	ppb
Phosphorus	31-2	334.70	344.49	344.53	341.24	1.66	ppb
Potassium	39-2	910.85	917.74	894.81	907.80	1.30	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	77-2	6.12	6.73	8.23	7.03	15.48	ppb
Selenium	78-2	1.20	1.16	1.46	1.27	12.53	ppb
Selenium	82-1	0.02	0.06	0.15	0.08	84.98	ppb
Silicon	28-1	56.36	66.28	64.18	62.27	8.39	ppb
Silver	109-1	0.00	0.01	0.01	0.01	36.54	ppb
Silver	107-1	0.01	0.02	0.02	0.02	9.57	ppb
Sodium	23-2	137.67	140.10	135.91	137.89	1.53	ppb
Strontium	86-1	10.78	10.72	10.81	10.77	0.45	ppb
Strontium	88-1	10.63	10.68	10.57	10.62	0.50	ppb
Sulfur	34-1	-1025.75	-965.89	-872.33	-954.66		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.09	0.11	0.10	10.57	ppb
Thallium	205-1	0.09	0.10	0.10	0.09	4.35	ppb
Thorium	232-1	3.62	3.57	3.57	3.59	0.86	ppb
Tin	118-1	0.05	0.07	0.06	0.06	11.89	ppb
Titanium	47-1	81.06	81.66	83.20	81.97	1.35	ppb
Uranium	238-1	0.70	0.69	0.69	0.69	1.25	ppb
Vanadium	51-2	34.38	33.68	33.95	34.00	1.04	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:21:37	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	70.82	71.14	69.72	70.56	1.06	ppb
Zirconium	90-1	6.29	6.28	6.47	6.35	1.71	ppb
Zirconium	91-1	6.42	6.26	6.42	6.37	1.41	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:25:15	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59610.68	59059.72	59616.81	59429.07	0.54	ppb
Antimony	121-1	200.04	202.65	202.32	201.67	0.71	ppb
Arsenic	75-2	432.48	431.44	433.50	432.47	0.24	ppb
Barium	135-1	3167.91	3172.70	3159.37	3166.66	0.21	ppb
Barium	137-1	3148.81	3122.61	3144.50	3138.64	0.45	ppb
Beryllium	9-1	472.42	472.03	478.25	474.24	0.73	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	478.67	487.51	495.72	487.30	1.75	ppb
Boron	11-1	480.09	489.58	488.86	486.18	1.09	ppb
Cadmium	111-1	466.08	467.02	465.66	466.25	0.15	ppb
Cadmium	106-1	497.65	504.72	511.78	504.72	1.40	ppb
Cadmium	108-1	482.57	486.86	483.89	484.44	0.45	ppb
Calcium	43-1	54143.46	54086.51	54098.15	54109.37	0.06	ppb
Calcium	44-1	54177.00	53721.42	53379.68	53759.37	0.74	ppb
Chromium	52-2	597.75	593.11	596.20	595.68	0.40	ppb
Cobalt	59-2	583.51	584.92	588.76	585.73	0.46	ppb
Copper	63-2	1009.98	999.09	1013.83	1007.64	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	132224.61	130611.37	132202.66	131679.55	0.70	ppb
Iron	57-2	130256.58	130647.17	131492.57	130798.77	0.48	ppb
Krypton	83-1						cps
Lead	206-1	554.93	543.37	553.98	550.76	1.17	ppb
Lead	207-1	535.09	522.17	534.86	530.71	1.39	ppb
Lead	208-1	548.60	536.91	545.11	543.54	1.10	ppb
Lithium	6-1				104		%
Magnesium	24-2	81446.84	81329.54	81815.17	81530.52	0.31	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:25:15	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6136.26	6130.26	6140.85	6135.79	0.09	ppb
Molybdenum	94-1	2033.96	2026.27	2093.48	2051.24	1.79	ppb
Molybdenum	95-1	1866.16	1848.42	1896.12	1870.23	1.29	ppb
Molybdenum	96-1	1887.12	1880.80	1928.59	1898.84	1.37	ppb
Molybdenum	97-1	1882.52	1852.43	1907.63	1880.86	1.47	ppb
Molybdenum	98-1	1885.24	1878.49	1899.84	1887.86	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	623.45	614.85	619.66	619.32	0.70	ppb
Phosphorus	31-2	1640.11	1558.44	1555.07	1584.54	3.04	ppb
Potassium	39-2	30206.84	30068.76	30014.84	30096.81	0.33	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	382.12	372.69	387.56	380.79	1.98	ppb
Selenium	78-2	352.80	353.46	352.09	352.78	0.20	ppb
Selenium	82-1	336.08	336.47	340.24	337.60	0.68	ppb
Silicon	28-1	1631.75	1655.85	1674.94	1654.18	1.31	ppb
Silver	109-1	501.90	503.35	508.28	504.51	0.66	ppb
Silver	107-1	504.11	497.19	497.59	499.63	0.78	ppb
Sodium	23-2	47695.08	47144.31	47621.74	47487.04	0.63	ppb
Strontium	86-1	449.65	450.47	454.14	451.42	0.53	ppb
Strontium	88-1	460.25	452.37	453.48	455.37	0.94	ppb
Sulfur	34-1	-521.80	-567.31	-686.63	-591.91		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	514.96	496.46	505.09	505.50	1.83	ppb
Thallium	205-1	501.59	498.33	508.35	502.76	1.02	ppb
Thorium	232-1	22.90	22.42	22.71	22.68	1.05	ppb
Tin	118-1	382.31	380.67	377.16	380.05	0.69	ppb
Titanium	47-1	2657.21	2639.89	2673.79	2656.96	0.64	ppb
Uranium	238-1	530.65	522.90	513.58	522.38	1.64	ppb
Vanadium	51-2	720.00	717.48	716.64	718.04	0.24	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:25:15	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1205.43	1192.20	1220.12	1205.92	1.16	ppb
Zirconium	90-1	505.16	500.40	512.81	506.12	1.24	ppb
Zirconium	91-1	501.44	494.43	512.89	502.92	1.85	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MSD	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:28:53	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54054.32	54052.99	53398.32	53835.21	0.70	ppb
Antimony	121-1	216.84	219.49	220.75	219.03	0.91	ppb
Arsenic	75-2	448.25	446.15	441.94	445.45	0.72	ppb
Barium	135-1	3077.18	3096.81	3097.11	3090.37	0.37	ppb
Barium	137-1	3080.23	3047.73	3063.98	3063.98	0.53	ppb
Beryllium	9-1	479.98	483.49	486.76	483.41	0.70	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Boron	10-1	508.66	513.60	530.31	517.52	2.19	ppb
Boron	11-1	500.51	516.50	528.06	515.02	2.69	ppb
Cadmium	111-1	465.62	469.99	474.19	469.93	0.91	ppb
Cadmium	106-1	496.90	509.80	509.07	505.25	1.43	ppb
Cadmium	108-1	480.44	492.22	483.99	485.55	1.25	ppb
Calcium	43-1	54043.91	53993.35	53267.37	53768.21	0.81	ppb
Calcium	44-1	53299.47	53189.89	52106.79	52865.38	1.25	ppb
Chromium	52-2	589.67	590.78	586.05	588.83	0.42	ppb
Cobalt	59-2	576.64	581.55	579.36	579.18	0.42	ppb
Copper	63-2	1030.36	1027.61	1025.88	1027.95	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				98		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	119203.41	119711.02	119488.01	119467.48	0.21	ppb
Iron	57-2	119474.60	120213.26	120234.36	119974.07	0.36	ppb
Krypton	83-1						cps
Lead	206-1	567.77	552.01	564.32	561.37	1.48	ppb
Lead	207-1	548.65	537.41	536.70	540.92	1.24	ppb
Lead	208-1	557.35	548.11	553.32	552.93	0.84	ppb
Lithium	6-1				103		%
Magnesium	24-2	75419.39	75819.95	76255.59	75831.65	0.55	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MSD	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:28:53	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5471.93	5508.84	5434.82	5471.86	0.68	ppb
Molybdenum	94-1	2118.58	2104.79	2126.16	2116.51	0.51	ppb
Molybdenum	95-1	1937.25	1954.97	1954.03	1948.75	0.51	ppb
Molybdenum	96-1	1938.57	1982.05	1981.20	1967.28	1.26	ppb
Molybdenum	97-1	1939.89	1943.97	1952.79	1945.55	0.34	ppb
Molybdenum	98-1	1937.04	1945.76	1959.05	1947.29	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	607.01	607.48	604.16	606.21	0.30	ppb
Phosphorus	31-2	1486.21	1518.46	1495.23	1499.97	1.11	ppb
Potassium	39-2	29303.21	30260.44	29715.96	29759.87	1.61	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	382.47	391.09	392.16	388.58	1.37	ppb
Selenium	78-2	368.60	368.19	370.27	369.02	0.30	ppb
Selenium	82-1	352.97	356.75	358.48	356.07	0.79	ppb
Silicon	28-1	1657.51	1653.88	1639.36	1650.25	0.58	ppb
Silver	109-1	506.11	519.25	507.75	511.03	1.40	ppb
Silver	107-1	509.78	511.01	510.37	510.38	0.12	ppb
Sodium	23-2	48113.28	49103.24	48655.88	48624.13	1.02	ppb
Strontium	86-1	451.33	455.77	455.45	454.18	0.55	ppb
Strontium	88-1	453.26	448.63	447.67	449.85	0.66	ppb
Sulfur	34-1	-733.25	-810.22	-924.06	-822.51		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	515.17	512.11	517.81	515.03	0.55	ppb
Thallium	205-1	515.58	513.71	518.55	515.95	0.47	ppb
Thorium	232-1	19.61	19.50	19.53	19.55	0.31	ppb
Tin	118-1	400.61	394.41	398.31	397.78	0.79	ppb
Titanium	47-1	2723.16	2756.10	2683.68	2720.98	1.33	ppb
Uranium	238-1	536.98	535.57	531.96	534.84	0.48	ppb
Vanadium	51-2	677.27	689.17	674.28	680.24	1.16	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MSD	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:28:53	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1167.50	1190.47	1173.56	1177.18	1.01	ppb
Zirconium	90-1	516.77	530.97	522.52	523.42	1.36	ppb
Zirconium	91-1	511.45	520.65	520.86	517.66	1.04	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:32:47	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50773.35	50673.02	50690.39	50712.26	0.11	ppb
Antimony	121-1	486.18	483.79	476.82	482.26	1.01	ppb
Arsenic	75-2	469.58	479.64	477.67	475.63	1.12	ppb
Barium	135-1	2517.56	2541.93	2488.75	2516.08	1.06	ppb
Barium	137-1	2527.80	2523.93	2479.09	2510.27	1.08	ppb
Beryllium	9-1	480.08	482.57	488.18	483.61	0.86	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	487.93	499.70	512.96	500.20	2.50	ppb
Boron	11-1	480.75	495.79	504.87	493.80	2.47	ppb
Cadmium	111-1	480.16	479.97	477.89	479.34	0.26	ppb
Cadmium	106-1	499.63	502.72	505.10	502.48	0.55	ppb
Cadmium	108-1	490.61	498.23	493.07	493.97	0.79	ppb
Calcium	43-1	236743.11	234707.88	234122.70	235191.23	0.58	ppb
Calcium	44-1	236194.21	234011.45	232972.44	234392.70	0.70	ppb
Chromium	52-2	481.90	479.74	481.29	480.98	0.23	ppb
Cobalt	59-2	482.74	478.39	483.17	481.43	0.55	ppb
Copper	63-2	971.45	970.66	970.00	970.70	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	124146.81	123962.14	123868.50	123992.48	0.11	ppb
Iron	57-2	124690.63	124708.35	123726.94	124375.31	0.45	ppb
Krypton	83-1						cps
Lead	206-1	503.78	504.37	504.29	504.15	0.06	ppb
Lead	207-1	507.74	509.61	496.02	504.46	1.46	ppb
Lead	208-1	506.30	506.87	502.06	505.08	0.52	ppb
Lithium	6-1				102		%
Magnesium	24-2	244724.05	242872.44	246107.56	244568.02	0.66	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:32:47	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	984.90	980.57	978.82	981.43	0.32	ppb
Molybdenum	94-1	2473.10	2429.47	2492.66	2465.08	1.31	ppb
Molybdenum	95-1	2502.73	2453.28	2460.56	2472.19	1.08	ppb
Molybdenum	96-1	2459.31	2427.08	2467.12	2451.17	0.87	ppb
Molybdenum	97-1	2483.43	2446.14	2483.72	2471.10	0.87	ppb
Molybdenum	98-1	2486.78	2454.94	2494.29	2478.67	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.14	468.57	467.80	469.17	0.37	ppb
Phosphorus	31-2	9850.97	9860.40	9806.33	9839.23	0.29	ppb
Potassium	39-2	117549.98	117206.41	117410.30	117388.90	0.15	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	465.77	486.56	477.29	476.54	2.19	ppb
Selenium	78-2	478.04	486.39	487.63	484.02	1.08	ppb
Selenium	82-1	463.38	463.01	473.85	466.75	1.32	ppb
Silicon	28-1	556.71	561.61	570.34	562.89	1.23	ppb
Silver	109-1	479.82	483.40	470.05	477.76	1.45	ppb
Silver	107-1	471.04	475.44	473.69	473.39	0.47	ppb
Sodium	23-2	242763.36	239528.03	243538.10	241943.16	0.88	ppb
Strontium	86-1	489.30	490.96	501.52	493.93	1.34	ppb
Strontium	88-1	490.50	491.62	495.67	492.59	0.55	ppb
Sulfur	34-1	10377.52	10095.98	10223.96	10232.49	1.38	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	514.01	520.29	520.66	518.32	0.72	ppb
Thallium	205-1	511.42	514.11	510.80	512.11	0.34	ppb
Thorium	232-1	519.64	521.03	520.83	520.50	0.14	ppb
Tin	118-1	493.44	497.68	491.17	494.10	0.67	ppb
Titanium	47-1	2499.24	2430.71	2446.42	2458.79	1.46	ppb
Uranium	238-1	523.42	519.38	522.43	521.74	0.40	ppb
Vanadium	51-2	492.30	494.39	490.91	492.53	0.36	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:32:47	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	987.47	993.31	993.44	991.41	0.34	ppb
Zirconium	90-1	500.46	490.28	499.37	496.70	1.12	ppb
Zirconium	91-1	486.90	484.13	499.26	490.10	1.64	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:37:06	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.59	2.73	2.61	2.64	2.90	ppb
Antimony	121-1	0.18	0.20	0.17	0.18	6.80	ppb
Arsenic	75-2	0.05	0.03	0.04	0.04	18.72	ppb
Barium	135-1	0.17	0.15	0.15	0.16	9.90	ppb
Barium	137-1	0.14	0.14	0.13	0.14	3.87	ppb
Beryllium	9-1	0.06	0.05	0.06	0.05	7.49	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	18.39	18.06	16.57	17.67	5.46	ppb
Boron	11-1	18.57	17.93	16.48	17.66	6.08	ppb
Cadmium	111-1	0.02	-0.01	0.11	0.04	148.66	ppb
Cadmium	106-1	-0.31	-0.62	1.06	0.04	2138.33	ppb
Cadmium	108-1	0.05	0.03	0.09	0.06	58.50	ppb
Calcium	43-1	10.36	7.40	8.16	8.64	17.76	ppb
Calcium	44-1	47.67	45.71	43.18	45.52	4.94	ppb
Chromium	52-2	0.05	0.06	0.05	0.06	14.11	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	4.19	ppb
Copper	63-2	0.05	0.04	0.04	0.05	15.33	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				108		%
Indium	115-2				103		%
Iron	56-2	7.45	7.06	7.07	7.19	3.14	ppb
Iron	57-2	7.94	6.40	7.43	7.26	10.87	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.05	0.05	6.11	ppb
Lead	207-1	0.05	0.06	0.06	0.05	15.79	ppb
Lead	208-1	0.05	0.06	0.05	0.05	8.22	ppb
Lithium	6-1				108		%
Magnesium	24-2	6.83	7.30	7.23	7.12	3.61	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:37:06	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.15	0.15	0.15	0.15	0.98	ppb
Molybdenum	94-1	0.30	0.28	0.25	0.28	10.77	ppb
Molybdenum	95-1	0.36	0.32	0.26	0.31	16.55	ppb
Molybdenum	96-1	0.31	0.29	0.27	0.29	6.43	ppb
Molybdenum	97-1	0.32	0.33	0.27	0.31	9.06	ppb
Molybdenum	98-1	0.32	0.28	0.26	0.29	9.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	0.03	0.03	43.45	ppb
Phosphorus	31-2	-27.46	-25.70	-18.88	-24.01		ppb
Potassium	39-2	30.97	30.75	32.10	31.27	2.32	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	-0.35	-0.05	0.12	-0.09		ppb
Selenium	82-1	0.16	-0.04	-0.09	0.01	1089.45	ppb
Silicon	28-1	3.67	2.71	2.75	3.05	17.90	ppb
Silver	109-1	0.04	0.04	0.04	0.04	4.47	ppb
Silver	107-1	0.04	0.04	0.05	0.04	3.31	ppb
Sodium	23-2	34.92	34.12	34.48	34.51	1.16	ppb
Strontium	86-1	0.04	0.04	0.02	0.03	29.11	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	3.53	ppb
Sulfur	34-1	-130.31	-125.65	-34.87	-96.94		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.11	0.10	0.10	0.11	2.77	ppb
Thallium	205-1	0.11	0.11	0.09	0.10	10.75	ppb
Thorium	232-1	0.06	0.05	0.05	0.05	13.44	ppb
Tin	118-1	0.09	0.10	0.10	0.10	2.20	ppb
Titanium	47-1	0.18	0.11	0.13	0.14	25.68	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	13.10	ppb
Vanadium	51-2	0.03	0.03	0.02	0.02	11.60	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:37:06	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.12	0.07	0.07	0.09	30.40	ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	10.90	ppb
Zirconium	91-1	0.05	0.05	0.04	0.05	11.85	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01A	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:40:42	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56191.80	56301.30	55978.47	56157.19	0.29	ppb
Antimony	121-1	212.91	210.36	213.39	212.22	0.77	ppb
Arsenic	75-2	446.44	443.68	435.70	441.94	1.26	ppb
Barium	135-1	3153.45	3146.03	3175.17	3158.22	0.48	ppb
Barium	137-1	3144.10	3105.51	3139.41	3129.67	0.67	ppb
Beryllium	9-1	477.47	483.90	486.67	482.68	0.98	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Boron	10-1	496.08	501.63	519.43	505.71	2.41	ppb
Boron	11-1	489.42	506.26	518.84	504.84	2.92	ppb
Cadmium	111-1	475.00	471.40	473.94	473.45	0.39	ppb
Cadmium	106-1	516.99	524.48	524.89	522.12	0.85	ppb
Cadmium	108-1	492.87	495.36	499.00	495.74	0.62	ppb
Calcium	43-1	53016.19	54190.59	53939.91	53715.56	1.15	ppb
Calcium	44-1	52550.17	52858.36	53615.65	53008.06	1.03	ppb
Chromium	52-2	584.04	589.03	585.04	586.04	0.45	ppb
Cobalt	59-2	574.77	579.50	573.44	575.90	0.55	ppb
Copper	63-2	1011.86	1012.87	1007.11	1010.62	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	124700.27	125350.22	125022.19	125024.23	0.26	ppb
Iron	57-2	123870.92	124929.98	124073.57	124291.49	0.45	ppb
Krypton	83-1						cps
Lead	206-1	557.27	569.77	560.97	562.67	1.14	ppb
Lead	207-1	536.71	543.12	545.09	541.64	0.81	ppb
Lead	208-1	550.28	553.34	551.78	551.80	0.28	ppb
Lithium	6-1				103		%
Magnesium	24-2	78065.21	78712.29	77492.10	78089.87	0.78	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01A	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:40:42	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5756.17	5762.66	5788.49	5769.11	0.30	ppb
Molybdenum	94-1	2080.93	2102.49	2088.05	2090.49	0.53	ppb
Molybdenum	95-1	1913.09	1903.95	1908.42	1908.49	0.24	ppb
Molybdenum	96-1	1920.52	1943.61	1923.75	1929.29	0.65	ppb
Molybdenum	97-1	1916.50	1921.14	1915.65	1917.76	0.15	ppb
Molybdenum	98-1	1912.83	1923.31	1921.37	1919.17	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	608.99	614.37	604.39	609.25	0.82	ppb
Phosphorus	31-2	1532.35	1587.71	1540.56	1553.54	1.92	ppb
Potassium	39-2	29848.64	29971.89	29612.69	29811.07	0.61	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	77-2	394.91	388.65	372.86	385.47	2.95	ppb
Selenium	78-2	365.82	368.44	357.63	363.96	1.55	ppb
Selenium	82-1	345.49	348.58	347.60	347.22	0.45	ppb
Silicon	28-1	1710.38	1609.68	1644.35	1654.80	3.09	ppb
Silver	109-1	512.81	509.32	503.69	508.61	0.91	ppb
Silver	107-1	510.84	516.36	504.65	510.62	1.15	ppb
Sodium	23-2	47936.32	48028.74	47109.31	47691.46	1.06	ppb
Strontium	86-1	449.12	449.96	452.37	450.49	0.37	ppb
Strontium	88-1	447.77	451.90	450.19	449.95	0.46	ppb
Sulfur	34-1	-138.23	-251.96	-207.71	-199.30		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	506.91	517.72	511.42	512.02	1.06	ppb
Thallium	205-1	507.38	518.02	510.43	511.95	1.07	ppb
Thorium	232-1	20.82	20.66	20.68	20.72	0.41	ppb
Tin	118-1	388.15	390.50	396.77	391.81	1.14	ppb
Titanium	47-1	2680.13	2644.56	2684.79	2669.83	0.82	ppb
Uranium	238-1	520.08	525.70	527.09	524.29	0.71	ppb
Vanadium	51-2	693.32	695.78	688.88	692.66	0.51	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01A	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:40:42	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1185.12	1185.94	1166.54	1179.20	0.93	ppb
Zirconium	90-1	513.19	518.71	507.08	512.99	1.13	ppb
Zirconium	91-1	503.81	511.14	513.29	509.41	0.98	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-02	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:44:20	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44678.28	45147.38	44484.48	44770.05	0.76	ppb
Antimony	121-1	0.11	0.09	0.10	0.10	9.60	ppb
Arsenic	75-2	35.97	36.10	36.67	36.25	1.02	ppb
Barium	135-1	569.14	582.35	583.28	578.26	1.37	ppb
Barium	137-1	570.79	583.16	576.06	576.67	1.08	ppb
Beryllium	9-1	5.76	5.65	5.71	5.71	0.88	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	41.13	40.96	40.63	40.90	0.63	ppb
Boron	11-1	41.29	40.12	39.14	40.18	2.68	ppb
Cadmium	111-1	1.42	1.45	1.41	1.43	1.63	ppb
Cadmium	106-1	14.07	14.10	13.87	14.02	0.89	ppb
Cadmium	108-1	6.06	5.66	5.65	5.79	4.05	ppb
Calcium	43-1	8113.82	8112.11	8222.73	8149.56	0.78	ppb
Calcium	44-1	8241.68	8214.63	8186.20	8214.17	0.34	ppb
Chromium	52-2	152.68	152.62	152.83	152.71	0.07	ppb
Cobalt	59-2	98.82	101.02	100.16	100.00	1.11	ppb
Copper	63-2	69.77	70.36	70.81	70.31	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				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	133748.27	134825.57	135044.26	134539.37	0.52	ppb
Iron	57-2	134123.37	135657.75	134799.32	134860.15	0.57	ppb
Krypton	83-1						cps
Lead	206-1	42.14	42.35	42.57	42.35	0.50	ppb
Lead	207-1	37.97	38.21	38.77	38.32	1.06	ppb
Lead	208-1	39.98	40.24	40.48	40.23	0.62	ppb
Lithium	6-1				112		%
Magnesium	24-2	37335.29	37654.11	37655.01	37548.14	0.49	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-02	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:44:20	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5824.36	5810.75	5825.87	5820.33	0.14	ppb
Molybdenum	94-1	53.26	53.86	54.01	53.71	0.74	ppb
Molybdenum	95-1	6.00	6.34	6.24	6.20	2.83	ppb
Molybdenum	96-1	12.40	12.52	12.30	12.40	0.91	ppb
Molybdenum	97-1	6.15	6.11	6.19	6.15	0.61	ppb
Molybdenum	98-1	6.04	6.05	6.11	6.07	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	177.27	179.08	180.06	178.80	0.79	ppb
Phosphorus	31-2	2120.82	2263.49	2231.72	2205.34	3.40	ppb
Potassium	39-2	6480.65	6600.07	6596.57	6559.10	1.04	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				118		%
Scandium	45-2				113		%
Selenium	77-2	44.25	38.52	43.44	42.07	7.37	ppb
Selenium	78-2	9.12	8.85	9.28	9.08	2.43	ppb
Selenium	82-1	0.94	1.04	0.87	0.95	8.79	ppb
Silicon	28-1	371.30	365.88	380.12	372.43	1.93	ppb
Silver	109-1	0.18	0.18	0.19	0.18	2.28	ppb
Silver	107-1	0.24	0.23	0.25	0.24	4.01	ppb
Sodium	23-2	664.77	670.99	662.91	666.22	0.64	ppb
Strontium	86-1	69.44	71.48	70.80	70.57	1.48	ppb
Strontium	88-1	70.60	72.24	70.74	71.19	1.28	ppb
Sulfur	34-1	-582.84	-600.71	-573.13	-585.56		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.77	0.79	0.77	0.77	1.52	ppb
Thallium	205-1	0.78	0.78	0.76	0.77	1.78	ppb
Thorium	232-1	24.60	25.09	25.35	25.01	1.51	ppb
Tin	118-1	1.51	1.51	1.43	1.48	2.88	ppb
Titanium	47-1	561.00	561.19	566.60	562.93	0.57	ppb
Uranium	238-1	5.86	5.86	5.96	5.90	1.00	ppb
Vanadium	51-2	209.98	210.09	210.59	210.22	0.15	ppb
Yttrium	89-1				129		%
Yttrium	89-2				124		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-02	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:44:20	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	429.63	432.95	438.37	433.65	1.02	ppb
Zirconium	90-1	35.01	35.35	35.75	35.37	1.04	ppb
Zirconium	91-1	35.54	35.64	35.86	35.68	0.46	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:47:58	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22509.58	22714.88	23049.08	22757.85	1.20	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	8.56	ppb
Arsenic	75-2	36.56	36.92	37.47	36.99	1.23	ppb
Barium	135-1	241.58	246.80	244.26	244.21	1.07	ppb
Barium	137-1	240.71	243.23	240.22	241.39	0.67	ppb
Beryllium	9-1	1.99	1.99	1.98	1.99	0.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	21.91	20.48	20.82	21.07	3.55	ppb
Boron	11-1	20.94	21.21	21.02	21.06	0.64	ppb
Cadmium	111-1	0.56	0.62	0.51	0.56	10.52	ppb
Cadmium	106-1	5.11	5.52	4.19	4.94	13.72	ppb
Cadmium	108-1	2.00	1.80	2.07	1.96	7.19	ppb
Calcium	43-1	3494.84	3507.36	3481.03	3494.41	0.38	ppb
Calcium	44-1	3555.49	3594.02	3501.52	3550.34	1.31	ppb
Chromium	52-2	45.54	46.09	45.76	45.80	0.60	ppb
Cobalt	59-2	38.75	38.56	38.47	38.59	0.37	ppb
Copper	63-2	24.49	24.83	24.75	24.69	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	63240.09	64602.27	63929.72	63924.03	1.07	ppb
Iron	57-2	63459.66	64144.70	63797.29	63800.55	0.54	ppb
Krypton	83-1						cps
Lead	206-1	16.06	16.36	16.25	16.22	0.94	ppb
Lead	207-1	14.70	14.82	14.92	14.81	0.74	ppb
Lead	208-1	15.45	15.62	15.49	15.52	0.58	ppb
Lithium	6-1				109		%
Magnesium	24-2	14603.93	14589.68	15085.86	14759.83	1.91	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:47:58	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1831.42	1864.15	1828.06	1841.21	1.08	ppb
Molybdenum	94-1	18.96	19.70	18.95	19.20	2.25	ppb
Molybdenum	95-1	1.16	1.19	1.21	1.19	2.03	ppb
Molybdenum	96-1	3.74	3.74	3.64	3.71	1.60	ppb
Molybdenum	97-1	1.14	1.16	1.21	1.17	3.12	ppb
Molybdenum	98-1	1.14	1.18	1.18	1.17	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.07	77.49	77.23	77.26	0.27	ppb
Phosphorus	31-2	405.63	412.74	414.47	410.95	1.14	ppb
Potassium	39-2	4971.24	4979.82	5062.21	5004.42	1.00	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	77-2	14.51	12.89	13.95	13.78	5.96	ppb
Selenium	78-2	3.19	2.98	2.48	2.89	12.63	ppb
Selenium	82-1	0.40	0.52	0.36	0.43	19.82	ppb
Silicon	28-1	112.91	142.12	136.02	130.35	11.82	ppb
Silver	109-1	0.03	0.04	0.03	0.03	6.36	ppb
Silver	107-1	0.06	0.05	0.06	0.06	2.24	ppb
Sodium	23-2	396.05	401.53	404.76	400.78	1.10	ppb
Strontium	86-1	42.10	42.19	42.05	42.11	0.17	ppb
Strontium	88-1	41.87	42.07	41.17	41.70	1.13	ppb
Sulfur	34-1	-718.69	-759.44	-854.90	-777.68		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.57	0.56	0.58	0.57	1.33	ppb
Thallium	205-1	0.56	0.58	0.58	0.57	1.60	ppb
Thorium	232-1	9.97	10.31	10.18	10.15	1.69	ppb
Tin	118-1	0.25	0.26	0.26	0.26	1.44	ppb
Titanium	47-1	121.82	119.94	117.56	119.77	1.78	ppb
Uranium	238-1	1.96	2.03	2.01	2.00	1.75	ppb
Vanadium	51-2	179.14	181.16	180.82	180.37	0.60	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:47:58	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	161.01	161.93	162.94	161.96	0.59	ppb
Zirconium	90-1	13.26	13.26	13.25	13.26	0.05	ppb
Zirconium	91-1	13.37	13.33	13.30	13.34	0.26	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:51:37	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19664.92	20148.04	20446.83	20086.60	1.96	ppb
Antimony	121-1	0.15	0.15	0.16	0.15	5.14	ppb
Arsenic	75-2	6.18	6.28	6.21	6.23	0.83	ppb
Barium	135-1	185.13	184.23	186.96	185.44	0.75	ppb
Barium	137-1	187.31	184.91	186.63	186.28	0.66	ppb
Beryllium	9-1	1.86	1.81	1.80	1.82	1.81	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	14.10	13.20	13.85	13.71	3.38	ppb
Boron	11-1	13.95	13.66	13.33	13.65	2.27	ppb
Cadmium	111-1	0.62	0.59	0.55	0.59	5.89	ppb
Cadmium	106-1	4.52	3.76	3.83	4.04	10.42	ppb
Cadmium	108-1	2.35	2.09	2.30	2.25	6.02	ppb
Calcium	43-1	2700.66	2701.56	2710.11	2704.11	0.19	ppb
Calcium	44-1	2778.50	2769.40	2754.70	2767.53	0.43	ppb
Chromium	52-2	42.73	43.34	44.30	43.46	1.82	ppb
Cobalt	59-2	26.94	26.90	27.77	27.20	1.81	ppb
Copper	63-2	25.86	25.92	26.74	26.17	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	37902.04	38677.62	38964.84	38514.83	1.43	ppb
Iron	57-2	37915.08	38555.10	38911.24	38460.47	1.31	ppb
Krypton	83-1						cps
Lead	206-1	17.62	17.56	17.70	17.62	0.38	ppb
Lead	207-1	15.98	16.22	15.92	16.04	0.96	ppb
Lead	208-1	16.72	16.84	16.80	16.79	0.37	ppb
Lithium	6-1				110		%
Magnesium	24-2	13105.07	13231.11	13570.09	13302.09	1.81	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:51:37	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1404.40	1409.11	1430.46	1414.66	0.98	ppb
Molybdenum	94-1	20.29	20.19	20.07	20.18	0.56	ppb
Molybdenum	95-1	1.82	1.77	1.77	1.79	1.41	ppb
Molybdenum	96-1	4.27	4.19	4.15	4.21	1.46	ppb
Molybdenum	97-1	1.84	1.79	1.86	1.83	2.00	ppb
Molybdenum	98-1	1.77	1.80	1.76	1.77	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.79	63.20	65.68	63.89	2.44	ppb
Phosphorus	31-2	561.92	539.35	539.08	546.78	2.40	ppb
Potassium	39-2	3602.95	3658.13	3711.79	3657.62	1.49	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				116		%
Scandium	45-2				109		%
Selenium	77-2	14.20	13.09	15.15	14.15	7.30	ppb
Selenium	78-2	2.34	2.76	2.46	2.52	8.58	ppb
Selenium	82-1	0.40	0.84	0.76	0.67	35.60	ppb
Silicon	28-1	59.14	61.91	68.92	63.32	7.96	ppb
Silver	109-1	0.07	0.08	0.07	0.07	6.86	ppb
Silver	107-1	0.10	0.10	0.10	0.10	0.40	ppb
Sodium	23-2	442.68	443.55	457.99	448.08	1.92	ppb
Strontium	86-1	24.79	25.26	24.61	24.88	1.35	ppb
Strontium	88-1	24.37	24.19	24.41	24.32	0.49	ppb
Sulfur	34-1	-1179.38	-1232.48	-1215.05	-1208.97		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.66	0.62	0.61	0.63	3.78	ppb
Thallium	205-1	0.64	0.62	0.63	0.63	1.45	ppb
Thorium	232-1	8.05	7.87	7.96	7.96	1.15	ppb
Tin	118-1	0.57	0.57	0.57	0.57	0.32	ppb
Titanium	47-1	151.42	151.23	151.98	151.54	0.26	ppb
Uranium	238-1	1.68	1.69	1.71	1.69	1.00	ppb
Vanadium	51-2	55.90	56.98	58.07	56.98	1.91	ppb
Yttrium	89-1				117		%
Yttrium	89-2				110		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:51:37	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	151.39	149.54	155.78	152.24	2.10	ppb
Zirconium	90-1	13.72	13.59	13.67	13.66	0.51	ppb
Zirconium	91-1	13.68	13.55	13.63	13.62	0.46	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 14:45:28	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51048.38	51479.51	50261.49	50929.79	1.21	ppb
Antimony	121-1	488.91	479.40	482.33	483.55	1.01	ppb
Arsenic	75-2	476.29	477.55	476.25	476.70	0.15	ppb
Barium	135-1	2532.49	2508.29	2527.29	2522.69	0.51	ppb
Barium	137-1	2527.94	2520.52	2506.38	2518.28	0.43	ppb
Beryllium	9-1	487.42	492.32	490.32	490.02	0.50	ppb
Bismuth	209-1				85		%
Bismuth	209-2				83		%
Boron	10-1	483.30	494.37	491.12	489.60	1.16	ppb
Boron	11-1	477.20	493.16	491.02	487.12	1.78	ppb
Cadmium	111-1	477.24	479.32	482.95	479.83	0.60	ppb
Cadmium	106-1	505.71	501.50	501.99	503.07	0.46	ppb
Cadmium	108-1	498.98	496.83	494.60	496.80	0.44	ppb
Calcium	43-1	237507.43	236547.48	229242.54	234432.48	1.93	ppb
Calcium	44-1	235508.97	235292.91	234484.16	235095.34	0.23	ppb
Chromium	52-2	480.50	478.58	484.01	481.03	0.57	ppb
Cobalt	59-2	478.50	480.32	478.22	479.01	0.24	ppb
Copper	63-2	967.80	978.49	968.83	971.71	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	123244.80	124877.43	124854.39	124325.54	0.75	ppb
Iron	57-2	124189.72	123833.74	123847.22	123956.90	0.16	ppb
Krypton	83-1						cps
Lead	206-1	509.79	512.89	509.97	510.89	0.34	ppb
Lead	207-1	505.59	506.77	505.27	505.88	0.16	ppb
Lead	208-1	506.90	509.41	509.99	508.77	0.32	ppb
Lithium	6-1				97		%
Magnesium	24-2	248167.72	245948.52	244825.15	246313.80	0.69	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 14:45:28	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	966.18	984.54	978.59	976.44	0.96	ppb
Molybdenum	94-1	2483.29	2433.26	2448.73	2455.09	1.04	ppb
Molybdenum	95-1	2476.29	2473.68	2435.61	2461.86	0.92	ppb
Molybdenum	96-1	2457.21	2488.13	2421.85	2455.73	1.35	ppb
Molybdenum	97-1	2478.45	2493.36	2439.16	2470.32	1.13	ppb
Molybdenum	98-1	2485.59	2485.34	2439.64	2470.19	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.29	469.11	467.93	467.44	0.42	ppb
Phosphorus	31-2	10009.84	9993.42	10031.89	10011.71	0.19	ppb
Potassium	39-2	117968.13	117726.51	116891.28	117528.64	0.48	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	521.20	538.02	524.43	527.88	1.69	ppb
Selenium	78-2	528.81	527.89	522.92	526.54	0.60	ppb
Selenium	82-1	509.74	508.52	505.29	507.85	0.45	ppb
Silicon	28-1	551.43	564.55	567.14	561.04	1.50	ppb
Silver	109-1	514.08	512.67	516.44	514.40	0.37	ppb
Silver	107-1	511.95	511.67	509.41	511.01	0.27	ppb
Sodium	23-2	243949.16	244232.80	238020.54	242067.50	1.45	ppb
Strontium	86-1	495.17	492.23	493.55	493.65	0.30	ppb
Strontium	88-1	494.13	492.57	482.78	489.83	1.26	ppb
Sulfur	34-1	10643.51	10588.10	10624.84	10618.82	0.27	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	515.72	524.46	521.87	520.68	0.86	ppb
Thallium	205-1	522.51	522.87	512.84	519.41	1.10	ppb
Thorium	232-1	518.71	523.55	520.05	520.77	0.48	ppb
Tin	118-1	497.73	495.46	490.79	494.66	0.71	ppb
Titanium	47-1	2516.88	2493.51	2474.88	2495.09	0.84	ppb
Uranium	238-1	521.47	517.88	514.73	518.03	0.65	ppb
Vanadium	51-2	491.09	494.42	494.23	493.25	0.38	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 14:45:28	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	998.20	1001.66	993.60	997.82	0.41	ppb
Zirconium	90-1	502.42	500.81	490.00	497.74	1.36	ppb
Zirconium	91-1	488.67	488.16	487.69	488.17	0.10	ppb

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P7
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 14:51:41 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	0.89	1.01	0.88	14.27	ppb
Antimony	121-1	0.11	0.11	0.12	0.11	5.96	ppb
Arsenic	75-2	0.03	0.01	0.02	0.02	34.29	ppb
Barium	135-1	0.05	0.04	0.04	0.04	11.58	ppb
Barium	137-1	0.04	0.05	0.04	0.04	6.65	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	25.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	10.79	9.56	9.52	9.96	7.26	ppb
Boron	11-1	9.97	9.94	9.51	9.81	2.62	ppb
Cadmium	111-1	0.07	0.01	-0.01	0.02	178.14	ppb
Cadmium	106-1	0.76	-0.11	-0.53	0.04	1713.18	ppb
Cadmium	108-1	-0.01	-0.06	-0.04	-0.04		ppb
Calcium	43-1	4.63	4.87	5.67	5.06	10.83	ppb
Calcium	44-1	33.59	32.13	32.47	32.73	2.33	ppb
Chromium	52-2	0.02	0.02	-0.03	0.00	628.24	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	13.70	ppb
Copper	63-2	-0.02	0.00	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	2.50	2.41	2.34	2.42	3.33	ppb
Iron	57-2	3.60	2.95	2.64	3.06	15.97	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	7.38	ppb
Lead	207-1	0.03	0.02	0.02	0.02	22.15	ppb
Lead	208-1	0.02	0.02	0.02	0.02	14.78	ppb
Lithium	6-1				108		%
Magnesium	24-2	3.80	4.24	4.34	4.13	6.98	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 14:51:41	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.00	0.01	69.50	ppb
Molybdenum	94-1	0.15	0.11	0.13	0.13	13.90	ppb
Molybdenum	95-1	0.17	0.14	0.12	0.14	18.54	ppb
Molybdenum	96-1	0.16	0.15	0.13	0.14	9.46	ppb
Molybdenum	97-1	0.19	0.13	0.12	0.15	24.65	ppb
Molybdenum	98-1	0.17	0.14	0.12	0.14	17.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00		ppb
Phosphorus	31-2	-27.39	-29.10	-27.09	-27.86		ppb
Potassium	39-2	23.94	23.27	21.70	22.97	4.99	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	-0.12	-0.20	-0.09	-0.13		ppb
Selenium	82-1	0.15	0.25	0.01	0.14	89.36	ppb
Silicon	28-1	0.96	0.61	0.00	0.52	92.03	ppb
Silver	109-1	0.02	0.02	0.01	0.02	24.94	ppb
Silver	107-1	0.02	0.02	0.01	0.02	14.54	ppb
Sodium	23-2	29.54	26.99	27.78	28.11	4.65	ppb
Strontium	86-1	-0.03	0.02	0.00	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	15.10	ppb
Sulfur	34-1	290.34	272.35	296.60	286.43	4.39	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.06	0.06	0.07	4.88	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.11	ppb
Thorium	232-1	0.06	0.06	0.05	0.06	6.65	ppb
Tin	118-1	0.07	0.08	0.07	0.07	8.02	ppb
Titanium	47-1	0.09	0.05	0.06	0.07	27.89	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.96	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	49.57	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 14:51:41	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.10	0.10	0.09	0.10	6.24	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	10.56	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	5.00	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 14:55:17	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7432.93	7582.91	7452.80	7489.55	1.09	ppb
Antimony	121-1	0.07	0.08	0.07	0.07	9.46	ppb
Arsenic	75-2	7.48	7.47	7.48	7.48	0.09	ppb
Barium	135-1	82.78	84.04	83.62	83.48	0.77	ppb
Barium	137-1	83.22	83.28	83.55	83.35	0.21	ppb
Beryllium	9-1	0.88	0.89	0.90	0.89	1.28	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	8.72	8.44	9.00	8.72	3.22	ppb
Boron	11-1	8.70	8.41	8.33	8.48	2.28	ppb
Cadmium	111-1	0.27	0.28	0.25	0.27	6.63	ppb
Cadmium	106-1	2.93	3.18	2.56	2.89	10.86	ppb
Cadmium	108-1	0.87	1.01	0.99	0.95	8.17	ppb
Calcium	43-1	1514.84	1530.50	1528.89	1524.74	0.57	ppb
Calcium	44-1	1537.50	1557.17	1578.59	1557.75	1.32	ppb
Chromium	52-2	23.69	24.34	24.03	24.02	1.36	ppb
Cobalt	59-2	17.53	17.74	17.83	17.70	0.88	ppb
Copper	63-2	11.89	12.20	12.08	12.05	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	19647.98	20131.97	19706.73	19828.89	1.33	ppb
Iron	57-2	19090.40	19558.79	19691.70	19446.96	1.62	ppb
Krypton	83-1						cps
Lead	206-1	6.87	7.01	7.10	6.99	1.66	ppb
Lead	207-1	6.21	6.47	6.38	6.35	2.03	ppb
Lead	208-1	6.60	6.75	6.69	6.68	1.09	ppb
Lithium	6-1				109		%
Magnesium	24-2	7035.97	7000.89	6918.25	6985.04	0.87	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 14:55:17	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	794.25	802.99	805.82	801.02	0.75	ppb
Molybdenum	94-1	9.00	9.25	9.43	9.23	2.30	ppb
Molybdenum	95-1	0.32	0.32	0.31	0.32	1.53	ppb
Molybdenum	96-1	1.48	1.52	1.47	1.49	1.53	ppb
Molybdenum	97-1	0.31	0.31	0.31	0.31	1.06	ppb
Molybdenum	98-1	0.31	0.31	0.33	0.31	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.34	29.85	29.49	29.56	0.89	ppb
Phosphorus	31-2	331.68	361.70	348.24	347.20	4.33	ppb
Potassium	39-2	908.00	921.20	920.85	916.69	0.82	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	77-2	6.34	6.79	6.39	6.51	3.80	ppb
Selenium	78-2	1.31	1.63	1.51	1.48	10.87	ppb
Selenium	82-1	0.48	0.20	0.16	0.28	64.01	ppb
Silicon	28-1	82.71	74.38	119.37	92.15	25.97	ppb
Silver	109-1	0.02	0.03	0.03	0.03	11.82	ppb
Silver	107-1	0.04	0.03	0.03	0.04	3.93	ppb
Sodium	23-2	133.76	133.55	130.59	132.63	1.34	ppb
Strontium	86-1	10.88	10.47	10.61	10.65	1.94	ppb
Strontium	88-1	10.61	10.58	10.71	10.63	0.67	ppb
Sulfur	34-1	-163.24	-227.53	-236.05	-208.94		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.14	0.15	0.14	0.14	4.81	ppb
Thallium	205-1	0.14	0.13	0.14	0.14	4.71	ppb
Thorium	232-1	3.57	3.67	3.66	3.64	1.53	ppb
Tin	118-1	0.10	0.12	0.11	0.11	8.06	ppb
Titanium	47-1	82.98	84.05	84.41	83.81	0.89	ppb
Uranium	238-1	0.70	0.72	0.72	0.71	1.62	ppb
Vanadium	51-2	34.12	34.69	34.43	34.41	0.82	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 14:55:17	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	70.79	71.61	71.14	71.18	0.58	ppb
Zirconium	90-1	6.27	6.46	6.63	6.45	2.80	ppb
Zirconium	91-1	6.46	6.39	6.62	6.49	1.85	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 14:58:56	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7556.16	7561.88	7705.34	7607.79	1.11	ppb
Antimony	121-1	0.03	0.04	0.03	0.04	6.75	ppb
Arsenic	75-2	7.40	7.52	7.53	7.48	1.02	ppb
Barium	135-1	83.91	86.53	83.56	84.67	1.91	ppb
Barium	137-1	84.22	84.90	85.59	84.91	0.81	ppb
Beryllium	9-1	0.91	0.89	0.91	0.90	1.20	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	6.65	6.36	6.73	6.58	2.95	ppb
Boron	11-1	6.63	6.36	6.45	6.48	2.10	ppb
Cadmium	111-1	0.22	0.27	0.28	0.26	12.49	ppb
Cadmium	106-1	2.43	2.99	3.35	2.92	15.87	ppb
Cadmium	108-1	0.85	0.85	0.86	0.85	0.94	ppb
Calcium	43-1	1520.76	1539.81	1521.35	1527.31	0.71	ppb
Calcium	44-1	1592.83	1588.16	1582.31	1587.77	0.33	ppb
Chromium	52-2	24.09	24.29	24.35	24.24	0.57	ppb
Cobalt	59-2	17.91	17.61	18.33	17.95	2.02	ppb
Copper	63-2	12.22	12.13	12.29	12.21	0.68	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				105		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	20279.87	19845.06	20429.98	20184.97	1.51	ppb
Iron	57-2	19845.02	19520.42	20098.26	19821.23	1.46	ppb
Krypton	83-1						cps
Lead	206-1	7.06	6.98	7.05	7.03	0.62	ppb
Lead	207-1	6.52	6.26	6.40	6.39	2.00	ppb
Lead	208-1	6.80	6.69	6.73	6.74	0.82	ppb
Lithium	6-1				109		%
Magnesium	24-2	7066.27	7000.09	7049.47	7038.61	0.49	ppb

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : K1308-01DUPDLX5 Instrumnet Name : P7
 Client Sample ID : SB-17(34.2-34.8)DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2019-02-21 14:58:56 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	830.44	809.48	828.07	822.66	1.40	ppb
Molybdenum	94-1	9.77	9.31	9.34	9.47	2.72	ppb
Molybdenum	95-1	0.27	0.27	0.25	0.26	5.77	ppb
Molybdenum	96-1	1.45	1.46	1.44	1.45	0.70	ppb
Molybdenum	97-1	0.25	0.24	0.24	0.25	2.28	ppb
Molybdenum	98-1	0.25	0.24	0.25	0.25	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.69	29.04	30.14	29.63	1.87	ppb
Phosphorus	31-2	348.28	330.19	351.28	343.25	3.32	ppb
Potassium	39-2	934.25	920.33	941.52	932.03	1.16	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	77-2	6.12	6.74	6.91	6.59	6.32	ppb
Selenium	78-2	1.20	1.37	1.99	1.52	27.23	ppb
Selenium	82-1	0.26	0.41	0.12	0.27	53.77	ppb
Silicon	28-1	76.56	68.63	65.67	70.29	8.01	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.89	ppb
Silver	107-1	0.02	0.03	0.02	0.02	16.94	ppb
Sodium	23-2	122.82	124.45	128.31	125.19	2.25	ppb
Strontium	86-1	10.88	10.94	10.79	10.87	0.68	ppb
Strontium	88-1	10.91	10.61	10.94	10.82	1.67	ppb
Sulfur	34-1	-524.82	-556.47	-613.43	-564.91		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.14	0.12	0.11	0.12	9.67	ppb
Thallium	205-1	0.12	0.11	0.13	0.12	9.34	ppb
Thorium	232-1	3.62	3.71	3.66	3.66	1.27	ppb
Tin	118-1	0.10	0.08	0.08	0.08	14.49	ppb
Titanium	47-1	84.92	85.37	84.94	85.08	0.30	ppb
Uranium	238-1	0.72	0.72	0.72	0.72	0.51	ppb
Vanadium	51-2	35.27	34.38	35.30	34.98	1.50	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 14:58:56	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	71.93	70.91	71.91	71.58	0.81	ppb
Zirconium	90-1	6.64	6.49	6.49	6.54	1.34	ppb
Zirconium	91-1	6.72	6.52	6.50	6.58	1.87	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-02-21 15:02:35	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1475.08	1469.82	1518.61	1487.83	1.80	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	15.03	ppb
Arsenic	75-2	1.56	1.47	1.49	1.51	3.31	ppb
Barium	135-1	16.61	16.92	17.05	16.86	1.33	ppb
Barium	137-1	16.53	16.72	16.87	16.71	1.03	ppb
Beryllium	9-1	0.18	0.20	0.17	0.18	7.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	3.52	3.27	3.60	3.47	4.99	ppb
Boron	11-1	3.44	3.28	3.34	3.35	2.48	ppb
Cadmium	111-1	0.06	0.04	0.07	0.06	26.28	ppb
Cadmium	106-1	0.68	0.36	0.91	0.65	42.36	ppb
Cadmium	108-1	0.14	0.08	0.20	0.14	44.61	ppb
Calcium	43-1	315.19	312.52	311.59	313.10	0.60	ppb
Calcium	44-1	326.77	332.16	321.96	326.96	1.56	ppb
Chromium	52-2	4.84	4.76	4.86	4.82	1.16	ppb
Cobalt	59-2	3.56	3.45	3.58	3.53	2.05	ppb
Copper	63-2	2.39	2.34	2.38	2.37	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	3995.93	3904.10	4023.65	3974.56	1.57	ppb
Iron	57-2	3863.74	3816.16	3962.80	3880.90	1.93	ppb
Krypton	83-1						cps
Lead	206-1	1.36	1.35	1.40	1.37	1.91	ppb
Lead	207-1	1.21	1.26	1.30	1.25	3.51	ppb
Lead	208-1	1.30	1.29	1.34	1.31	1.77	ppb
Lithium	6-1				108		%
Magnesium	24-2	1378.31	1361.18	1403.52	1381.00	1.54	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-02-21 15:02:35	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	161.31	157.69	161.53	160.18	1.35	ppb
Molybdenum	94-1	1.88	1.83	1.84	1.85	1.42	ppb
Molybdenum	95-1	0.05	0.07	0.07	0.06	12.55	ppb
Molybdenum	96-1	0.30	0.31	0.32	0.31	2.10	ppb
Molybdenum	97-1	0.06	0.06	0.05	0.05	15.74	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.05	6.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.89	5.88	6.05	5.94	1.62	ppb
Phosphorus	31-2	56.89	47.49	35.72	46.70	22.71	ppb
Potassium	39-2	194.27	183.14	192.05	189.82	3.10	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	0.87	2.49	0.98	1.45	62.63	ppb
Selenium	78-2	0.13	-0.04	0.22	0.11	123.82	ppb
Selenium	82-1	0.05	0.02	-0.01	0.02	153.61	ppb
Silicon	28-1	12.92	11.30	22.42	15.54	38.63	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	37.14	ppb
Sodium	23-2	33.92	30.69	33.97	32.86	5.71	ppb
Strontium	86-1	2.20	2.27	2.22	2.23	1.61	ppb
Strontium	88-1	2.14	2.20	2.18	2.17	1.41	ppb
Sulfur	34-1	-631.44	-632.85	-714.07	-659.45		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.06	0.04	0.05	15.86	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	4.06	ppb
Thorium	232-1	0.73	0.73	0.73	0.73	0.37	ppb
Tin	118-1	0.05	0.03	0.02	0.03	44.85	ppb
Titanium	47-1	17.34	17.08	16.56	16.99	2.34	ppb
Uranium	238-1	0.14	0.14	0.14	0.14	0.53	ppb
Vanadium	51-2	6.97	6.70	6.90	6.86	1.98	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-02-21 15:02:35	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.37	14.28	14.28	14.31	0.34	ppb
Zirconium	90-1	1.31	1.34	1.32	1.33	1.25	ppb
Zirconium	91-1	1.30	1.37	1.37	1.35	2.99	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:06:11	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12796.81	13026.98	12891.86	12905.22	0.90	ppb
Antimony	121-1	42.11	42.68	43.27	42.69	1.36	ppb
Arsenic	75-2	105.38	105.49	105.77	105.54	0.19	ppb
Barium	135-1	635.50	644.15	641.33	640.33	0.69	ppb
Barium	137-1	637.41	643.45	650.05	643.64	0.98	ppb
Beryllium	9-1	106.70	110.07	108.17	108.31	1.56	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	102.73	105.49	108.59	105.60	2.77	ppb
Boron	11-1	102.08	106.51	106.77	105.12	2.51	ppb
Cadmium	111-1	102.19	103.89	102.99	103.03	0.83	ppb
Cadmium	106-1	109.98	111.52	111.68	111.06	0.84	ppb
Cadmium	108-1	104.84	108.23	105.84	106.31	1.64	ppb
Calcium	43-1	11762.92	11775.75	11466.47	11668.38	1.50	ppb
Calcium	44-1	11458.43	11661.27	11416.94	11512.21	1.14	ppb
Chromium	52-2	125.87	127.23	124.90	126.00	0.93	ppb
Cobalt	59-2	127.12	128.24	127.43	127.60	0.45	ppb
Copper	63-2	227.26	228.66	231.34	229.09	0.91	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				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	28548.87	28955.40	28811.87	28772.05	0.72	ppb
Iron	57-2	28801.02	28729.02	28653.62	28727.89	0.26	ppb
Krypton	83-1						cps
Lead	206-1	106.24	109.35	109.73	108.44	1.77	ppb
Lead	207-1	102.61	106.44	104.28	104.44	1.84	ppb
Lead	208-1	105.34	108.53	107.59	107.16	1.53	ppb
Lithium	6-1				105		%
Magnesium	24-2	17835.56	17904.66	17738.41	17826.21	0.47	ppb

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : K1308-01MSDLX5 Instrumnet Name : P7
 Client Sample ID : SB-17(34.2-34.8)MSDL Dilution Factor : 5
 Date & Time Acquired :: 2019-02-21 15:06:11 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1330.93	1340.84	1337.11	1336.29	0.37	ppb
Molybdenum	94-1	459.62	461.32	468.50	463.15	1.02	ppb
Molybdenum	95-1	417.83	425.11	425.34	422.76	1.01	ppb
Molybdenum	96-1	418.76	419.79	423.91	420.82	0.65	ppb
Molybdenum	97-1	414.92	416.16	421.06	417.38	0.78	ppb
Molybdenum	98-1	417.52	424.14	423.37	421.68	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.65	141.19	142.79	141.54	0.79	ppb
Phosphorus	31-2	363.24	357.96	353.45	358.22	1.37	ppb
Potassium	39-2	6448.31	6463.72	6473.79	6461.94	0.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	96.71	96.39	95.04	96.05	0.93	ppb
Selenium	78-2	92.93	90.67	91.95	91.85	1.23	ppb
Selenium	82-1	88.75	89.52	89.84	89.37	0.63	ppb
Silicon	28-1	339.56	338.44	341.21	339.73	0.41	ppb
Silver	109-1	106.19	107.42	106.07	106.56	0.70	ppb
Silver	107-1	105.17	109.40	107.41	107.32	1.97	ppb
Sodium	23-2	10268.18	10378.54	10254.47	10300.39	0.66	ppb
Strontium	86-1	102.31	102.96	103.13	102.80	0.42	ppb
Strontium	88-1	101.38	102.42	101.20	101.67	0.65	ppb
Sulfur	34-1	-496.77	-554.39	-594.86	-548.67		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	97.18	99.90	99.68	98.92	1.53	ppb
Thallium	205-1	98.81	100.85	101.02	100.23	1.23	ppb
Thorium	232-1	4.25	4.35	4.36	4.32	1.44	ppb
Tin	118-1	76.98	78.95	78.35	78.09	1.29	ppb
Titanium	47-1	563.60	565.27	562.81	563.89	0.22	ppb
Uranium	238-1	100.29	101.52	99.76	100.52	0.90	ppb
Vanadium	51-2	151.96	153.25	151.65	152.29	0.56	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:06:11	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	296.10	298.28	304.08	299.49	1.38	ppb
Zirconium	90-1	112.28	114.78	115.23	114.10	1.39	ppb
Zirconium	91-1	112.42	115.70	113.48	113.87	1.47	ppb

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : K1308-01MSDDLX5 Instrumnet Name : P7
 Client Sample ID : SB-17(34.2-34.8)MSDDL Dilution Factor : 5
 Date & Time Acquired :: 2019-02-21 15:09:49 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11572.60	11630.67	11543.28	11582.18	0.38	ppb
Antimony	121-1	46.05	48.63	48.63	47.77	3.12	ppb
Arsenic	75-2	110.79	110.03	108.36	109.72	1.13	ppb
Barium	135-1	628.86	641.32	651.92	640.70	1.80	ppb
Barium	137-1	624.23	652.85	658.48	645.19	2.85	ppb
Beryllium	9-1	109.87	112.92	111.57	111.46	1.37	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	110.98	114.63	115.23	113.62	2.03	ppb
Boron	11-1	106.22	114.19	114.49	111.63	4.20	ppb
Cadmium	111-1	103.81	107.48	109.99	107.09	2.91	ppb
Cadmium	106-1	113.65	112.02	117.68	114.45	2.55	ppb
Cadmium	108-1	109.08	110.13	113.37	110.86	2.02	ppb
Calcium	43-1	11237.05	11692.25	11730.85	11553.38	2.38	ppb
Calcium	44-1	11379.23	11606.11	11786.41	11590.58	1.76	ppb
Chromium	52-2	123.01	124.75	122.54	123.43	0.94	ppb
Cobalt	59-2	126.18	127.29	125.77	126.41	0.62	ppb
Copper	63-2	230.72	229.77	230.32	230.27	0.21	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				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	26352.49	26401.42	26251.30	26335.07	0.29	ppb
Iron	57-2	25812.11	26151.72	25884.17	25949.33	0.69	ppb
Krypton	83-1						cps
Lead	206-1	108.70	112.22	115.47	112.13	3.02	ppb
Lead	207-1	105.52	107.61	111.43	108.19	2.77	ppb
Lead	208-1	107.95	110.79	113.99	110.91	2.72	ppb
Lithium	6-1				104		%
Magnesium	24-2	16560.87	16631.22	16431.51	16541.20	0.61	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:09:49	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1195.40	1201.63	1191.01	1196.01	0.45	ppb
Molybdenum	94-1	474.41	487.60	495.26	485.76	2.17	ppb
Molybdenum	95-1	431.13	446.51	454.91	444.19	2.72	ppb
Molybdenum	96-1	433.36	457.05	463.12	451.18	3.49	ppb
Molybdenum	97-1	424.47	443.26	452.63	440.12	3.26	ppb
Molybdenum	98-1	436.11	446.19	454.32	445.54	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.34	139.38	137.15	137.63	1.14	ppb
Phosphorus	31-2	328.69	316.55	332.75	326.00	2.59	ppb
Potassium	39-2	6371.61	6395.87	6345.70	6371.06	0.39	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	100.95	102.49	105.15	102.86	2.07	ppb
Selenium	78-2	96.97	97.43	94.75	96.39	1.48	ppb
Selenium	82-1	91.91	96.88	97.05	95.28	3.07	ppb
Silicon	28-1	342.75	349.04	360.98	350.93	2.64	ppb
Silver	109-1	107.18	112.13	114.58	111.30	3.39	ppb
Silver	107-1	108.01	112.89	113.01	111.31	2.56	ppb
Sodium	23-2	10433.79	10445.99	10461.10	10446.96	0.13	ppb
Strontium	86-1	101.81	105.12	105.30	104.08	1.89	ppb
Strontium	88-1	101.10	104.92	104.54	103.52	2.03	ppb
Sulfur	34-1	-687.30	-514.40	-450.75	-550.82		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	99.89	104.29	107.08	103.75	3.50	ppb
Thallium	205-1	101.01	102.63	106.47	103.37	2.71	ppb
Thorium	232-1	3.70	3.84	3.97	3.84	3.57	ppb
Tin	118-1	80.56	82.89	84.19	82.55	2.23	ppb
Titanium	47-1	571.91	582.06	593.82	582.59	1.88	ppb
Uranium	238-1	101.54	102.02	106.37	103.31	2.58	ppb
Vanadium	51-2	143.02	144.00	143.72	143.58	0.35	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:09:49	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	290.21	289.42	287.87	289.17	0.41	ppb
Zirconium	90-1	115.43	119.83	120.23	118.50	2.25	ppb
Zirconium	91-1	114.01	118.90	120.25	117.72	2.79	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:13:27	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12070.80	12101.15	12047.19	12073.05	0.22	ppb
Antimony	121-1	44.17	43.97	44.92	44.35	1.13	ppb
Arsenic	75-2	106.85	106.89	106.34	106.69	0.29	ppb
Barium	135-1	620.56	627.39	632.39	626.78	0.95	ppb
Barium	137-1	618.09	627.03	638.12	627.75	1.60	ppb
Beryllium	9-1	107.52	108.50	108.10	108.04	0.46	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	110.88	112.08	114.41	112.45	1.60	ppb
Boron	11-1	107.88	109.84	110.94	109.55	1.41	ppb
Cadmium	111-1	102.10	102.16	103.35	102.54	0.69	ppb
Cadmium	106-1	105.74	106.00	109.14	106.96	1.77	ppb
Cadmium	108-1	106.01	106.80	107.50	106.77	0.70	ppb
Calcium	43-1	11305.95	11259.08	11657.35	11407.46	1.91	ppb
Calcium	44-1	11136.58	11125.64	11415.84	11226.02	1.47	ppb
Chromium	52-2	122.18	122.82	123.79	122.93	0.66	ppb
Cobalt	59-2	125.96	125.02	126.13	125.70	0.48	ppb
Copper	63-2	225.46	226.85	227.60	226.64	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				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	27277.13	27138.27	27034.02	27149.81	0.45	ppb
Iron	57-2	26690.18	26616.04	26581.67	26629.30	0.21	ppb
Krypton	83-1						cps
Lead	206-1	109.39	108.12	107.74	108.41	0.80	ppb
Lead	207-1	104.59	103.42	104.80	104.27	0.71	ppb
Lead	208-1	106.84	106.04	106.61	106.50	0.39	ppb
Lithium	6-1				104		%
Magnesium	24-2	17079.16	17005.90	16883.09	16989.38	0.58	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:13:27	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1248.27	1239.09	1240.03	1242.47	0.41	ppb
Molybdenum	94-1	450.66	464.19	468.68	461.17	2.03	ppb
Molybdenum	95-1	419.42	427.01	428.81	425.08	1.17	ppb
Molybdenum	96-1	424.59	429.85	433.96	429.46	1.09	ppb
Molybdenum	97-1	413.57	420.72	425.46	419.92	1.42	ppb
Molybdenum	98-1	421.33	424.47	427.91	424.57	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.01	136.83	139.32	137.39	1.25	ppb
Phosphorus	31-2	307.95	331.14	325.87	321.65	3.78	ppb
Potassium	39-2	6255.80	6336.07	6331.70	6307.86	0.72	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	100.46	99.82	98.12	99.46	1.21	ppb
Selenium	78-2	92.53	94.64	93.85	93.67	1.14	ppb
Selenium	82-1	88.82	92.02	92.05	90.96	2.04	ppb
Silicon	28-1	387.92	353.07	348.54	363.18	5.93	ppb
Silver	109-1	105.01	106.46	107.97	106.48	1.39	ppb
Silver	107-1	105.96	107.46	107.36	106.93	0.79	ppb
Sodium	23-2	10176.98	10203.07	10351.48	10243.84	0.92	ppb
Strontium	86-1	98.75	101.28	101.33	100.45	1.47	ppb
Strontium	88-1	100.91	101.10	100.77	100.93	0.16	ppb
Sulfur	34-1	-688.66	-740.01	-573.73	-667.46		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	98.46	98.83	100.58	99.29	1.14	ppb
Thallium	205-1	99.04	100.61	98.40	99.35	1.15	ppb
Thorium	232-1	3.94	4.02	3.98	3.98	1.02	ppb
Tin	118-1	77.73	78.62	80.36	78.90	1.69	ppb
Titanium	47-1	557.74	555.48	563.78	559.00	0.77	ppb
Uranium	238-1	100.12	101.01	100.05	100.39	0.53	ppb
Vanadium	51-2	145.75	146.82	146.68	146.42	0.40	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:13:27	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	289.23	290.28	291.46	290.32	0.38	ppb
Zirconium	90-1	110.07	113.88	116.30	113.42	2.77	ppb
Zirconium	91-1	111.55	113.17	114.64	113.12	1.37	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:17:04	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9457.45	9672.59	9658.08	9596.04	1.25	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	12.74	ppb
Arsenic	75-2	8.66	8.97	8.75	8.79	1.84	ppb
Barium	135-1	117.33	115.63	114.28	115.75	1.32	ppb
Barium	137-1	115.86	113.14	113.11	114.04	1.38	ppb
Beryllium	9-1	1.21	1.22	1.25	1.23	1.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	11.54	11.31	10.81	11.22	3.33	ppb
Boron	11-1	11.42	11.07	10.16	10.88	5.94	ppb
Cadmium	111-1	0.23	0.25	0.19	0.23	14.13	ppb
Cadmium	106-1	2.21	2.68	1.45	2.12	29.35	ppb
Cadmium	108-1	1.24	1.25	0.99	1.16	12.72	ppb
Calcium	43-1	1738.46	1768.74	1740.18	1749.12	0.97	ppb
Calcium	44-1	1814.80	1818.17	1803.34	1812.10	0.43	ppb
Chromium	52-2	33.22	33.30	33.23	33.25	0.13	ppb
Cobalt	59-2	21.57	21.96	21.79	21.78	0.89	ppb
Copper	63-2	15.49	15.67	15.43	15.53	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	29508.93	29758.25	29400.61	29555.93	0.62	ppb
Iron	57-2	29581.44	29269.94	29093.31	29314.90	0.84	ppb
Krypton	83-1						cps
Lead	206-1	8.44	8.34	8.40	8.39	0.55	ppb
Lead	207-1	7.54	7.71	7.55	7.60	1.27	ppb
Lead	208-1	8.00	8.04	8.03	8.02	0.23	ppb
Lithium	6-1				108		%
Magnesium	24-2	8142.16	8295.56	8176.18	8204.63	0.98	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:17:04	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1253.18	1267.14	1262.31	1260.88	0.56	ppb
Molybdenum	94-1	12.33	12.55	12.57	12.49	1.06	ppb
Molybdenum	95-1	1.39	1.42	1.41	1.41	0.86	ppb
Molybdenum	96-1	2.87	2.92	2.84	2.88	1.46	ppb
Molybdenum	97-1	1.44	1.44	1.38	1.42	2.37	ppb
Molybdenum	98-1	1.44	1.36	1.40	1.40	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.74	40.02	39.84	39.87	0.35	ppb
Phosphorus	31-2	466.80	432.74	466.83	455.45	4.32	ppb
Potassium	39-2	1372.78	1371.73	1373.99	1372.83	0.08	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	77-2	7.30	9.17	8.51	8.33	11.38	ppb
Selenium	78-2	2.10	2.03	2.17	2.10	3.38	ppb
Selenium	82-1	0.25	0.38	0.19	0.28	35.71	ppb
Silicon	28-1	97.02	102.66	96.97	98.88	3.31	ppb
Silver	109-1	0.02	0.02	0.03	0.02	5.97	ppb
Silver	107-1	0.04	0.03	0.03	0.04	10.40	ppb
Sodium	23-2	149.73	151.17	152.24	151.05	0.83	ppb
Strontium	86-1	16.21	16.55	16.74	16.50	1.65	ppb
Strontium	88-1	16.58	16.45	16.30	16.44	0.84	ppb
Sulfur	34-1	-912.45	-894.08	-914.68	-907.07		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.15	0.15	0.15	0.15	1.38	ppb
Thallium	205-1	0.15	0.14	0.15	0.15	2.78	ppb
Thorium	232-1	4.85	4.86	4.83	4.84	0.29	ppb
Tin	118-1	0.34	0.31	0.30	0.32	6.41	ppb
Titanium	47-1	119.21	117.98	117.61	118.27	0.71	ppb
Uranium	238-1	1.15	1.13	1.14	1.14	0.99	ppb
Vanadium	51-2	44.55	45.40	45.03	44.99	0.95	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:17:04	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	101.32	101.70	100.42	101.15	0.65	ppb
Zirconium	90-1	8.29	8.38	8.14	8.27	1.50	ppb
Zirconium	91-1	8.12	8.16	8.27	8.18	0.96	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 15:21:51	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50731.75	51226.76	51287.90	51082.14	0.60	ppb
Antimony	121-1	484.97	480.61	478.24	481.27	0.71	ppb
Arsenic	75-2	479.27	476.57	470.77	475.54	0.91	ppb
Barium	135-1	2565.95	2505.45	2493.68	2521.69	1.54	ppb
Barium	137-1	2532.46	2493.52	2497.01	2507.66	0.86	ppb
Beryllium	9-1	489.29	487.92	486.50	487.91	0.29	ppb
Bismuth	209-1				85		%
Bismuth	209-2				82		%
Boron	10-1	481.50	487.37	489.25	486.04	0.83	ppb
Boron	11-1	470.80	479.95	491.13	480.63	2.12	ppb
Cadmium	111-1	475.17	477.03	479.94	477.38	0.50	ppb
Cadmium	106-1	495.03	499.68	505.56	500.09	1.06	ppb
Cadmium	108-1	494.83	486.79	498.21	493.28	1.19	ppb
Calcium	43-1	236776.96	235296.40	231482.60	234518.65	1.16	ppb
Calcium	44-1	239749.08	236659.60	235168.74	237192.47	0.98	ppb
Chromium	52-2	482.86	484.23	487.85	484.98	0.53	ppb
Cobalt	59-2	483.73	477.98	488.10	483.27	1.05	ppb
Copper	63-2	974.45	977.69	983.91	978.68	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	123029.19	123621.84	125442.08	124031.04	1.01	ppb
Iron	57-2	124874.60	125044.88	125827.60	125249.03	0.41	ppb
Krypton	83-1						cps
Lead	206-1	511.50	511.48	509.77	510.91	0.19	ppb
Lead	207-1	513.05	508.18	508.59	509.94	0.53	ppb
Lead	208-1	507.52	507.95	507.76	507.74	0.04	ppb
Lithium	6-1				97		%
Magnesium	24-2	247330.39	246960.88	250315.62	248202.29	0.74	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 15:21:51	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	974.95	979.59	990.96	981.83	0.84	ppb
Molybdenum	94-1	2483.04	2480.77	2473.01	2478.94	0.21	ppb
Molybdenum	95-1	2488.46	2497.06	2433.89	2473.13	1.39	ppb
Molybdenum	96-1	2490.93	2468.87	2438.40	2466.07	1.07	ppb
Molybdenum	97-1	2469.48	2462.25	2445.63	2459.12	0.50	ppb
Molybdenum	98-1	2507.12	2502.18	2453.32	2487.54	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.53	471.78	474.32	472.54	0.33	ppb
Phosphorus	31-2	9965.71	9874.54	10140.29	9993.51	1.35	ppb
Potassium	39-2	117890.32	117038.81	117883.64	117604.26	0.42	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	509.65	498.02	509.30	505.66	1.31	ppb
Selenium	78-2	502.90	506.25	511.81	506.99	0.89	ppb
Selenium	82-1	485.85	492.21	486.02	488.03	0.74	ppb
Silicon	28-1	537.33	545.04	546.59	542.98	0.91	ppb
Silver	109-1	492.70	480.62	488.27	487.20	1.25	ppb
Silver	107-1	495.77	491.64	487.26	491.55	0.87	ppb
Sodium	23-2	246305.41	243722.84	245557.14	245195.13	0.54	ppb
Strontium	86-1	489.07	500.35	490.93	493.45	1.23	ppb
Strontium	88-1	494.17	500.59	492.74	495.83	0.84	ppb
Sulfur	34-1	11115.82	10761.28	10787.64	10888.24	1.81	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	523.06	514.08	513.38	516.84	1.04	ppb
Thallium	205-1	516.50	516.81	519.48	517.60	0.32	ppb
Thorium	232-1	525.93	525.06	525.97	525.65	0.10	ppb
Tin	118-1	501.52	491.80	488.48	493.93	1.37	ppb
Titanium	47-1	2519.95	2496.90	2489.05	2501.97	0.64	ppb
Uranium	238-1	527.11	529.51	526.28	527.63	0.32	ppb
Vanadium	51-2	489.78	494.08	498.12	493.99	0.84	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 15:21:51	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1005.09	993.77	1010.06	1002.98	0.83	ppb
Zirconium	90-1	495.87	503.78	496.82	498.83	0.87	ppb
Zirconium	91-1	491.29	494.65	483.89	489.94	1.12	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 15:26:14	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.07	2.61	2.13	2.27	12.92	ppb
Antimony	121-1	0.16	0.16	0.19	0.17	8.98	ppb
Arsenic	75-2	0.05	0.04	0.04	0.04	14.21	ppb
Barium	135-1	0.12	0.10	0.11	0.11	9.60	ppb
Barium	137-1	0.15	0.13	0.10	0.13	16.00	ppb
Beryllium	9-1	0.05	0.06	0.05	0.05	7.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	13.28	11.86	11.73	12.29	7.02	ppb
Boron	11-1	13.12	12.56	11.99	12.56	4.53	ppb
Cadmium	111-1	0.09	0.08	0.06	0.08	20.13	ppb
Cadmium	106-1	0.70	0.42	0.37	0.50	36.38	ppb
Cadmium	108-1	-0.01	-0.01	-0.02	-0.01		ppb
Calcium	43-1	10.28	12.50	8.80	10.53	17.67	ppb
Calcium	44-1	39.75	38.44	36.83	38.34	3.81	ppb
Chromium	52-2	0.02	0.00	0.03	0.02	82.31	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	21.94	ppb
Copper	63-2	0.03	0.02	0.02	0.03	34.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	7.40	7.06	6.70	7.05	4.92	ppb
Iron	57-2	8.03	6.23	6.90	7.05	12.88	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	17.35	ppb
Lead	207-1	0.04	0.04	0.03	0.04	14.69	ppb
Lead	208-1	0.04	0.04	0.03	0.04	8.03	ppb
Lithium	6-1				105		%
Magnesium	24-2	10.93	10.56	9.80	10.43	5.51	ppb

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 15:26:14	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.05	0.04	0.05	27.02	ppb
Molybdenum	94-1	0.24	0.25	0.21	0.24	8.72	ppb
Molybdenum	95-1	0.29	0.24	0.22	0.25	14.58	ppb
Molybdenum	96-1	0.27	0.27	0.26	0.26	2.50	ppb
Molybdenum	97-1	0.27	0.26	0.22	0.25	12.53	ppb
Molybdenum	98-1	0.30	0.27	0.23	0.27	12.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.01	0.02	28.98	ppb
Phosphorus	31-2	-26.62	-28.70	-27.02	-27.45		ppb
Potassium	39-2	29.26	27.89	25.60	27.58	6.72	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	0.01	-0.24	-0.03	-0.09		ppb
Selenium	82-1	-0.14	0.45	0.10	0.14	215.91	ppb
Silicon	28-1	2.95	2.67	2.33	2.65	11.89	ppb
Silver	109-1	0.03	0.04	0.03	0.04	12.38	ppb
Silver	107-1	0.04	0.05	0.04	0.04	12.07	ppb
Sodium	23-2	36.88	34.09	34.97	35.31	4.04	ppb
Strontium	86-1	0.01	0.03	0.00	0.02	90.96	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	15.34	ppb
Sulfur	34-1	298.66	354.68	400.29	351.21	14.49	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.07	0.06	0.07	17.14	ppb
Thallium	205-1	0.08	0.09	0.06	0.08	16.70	ppb
Thorium	232-1	0.10	0.09	0.08	0.09	11.95	ppb
Tin	118-1	0.11	0.11	0.08	0.10	14.83	ppb
Titanium	47-1	0.16	0.12	0.11	0.13	19.91	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.95	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	16.17	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 15:26:14	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.16	0.03	0.10	0.10	67.37	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	5.95	ppb
Zirconium	91-1	0.05	0.05	0.05	0.05	3.04	ppb

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 11:14:29 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	100	33	67	50.01	cps
Antimony	121-1	108	83	75	89	19.52	cps
Arsenic	75-2	24	20	19	21	13.47	cps
Barium	135-1	25	42	42	36	26.65	cps
Barium	137-1	42	25	75	47	53.91	cps
Beryllium	9-1	157	100	157	138	23.75	cps
Bismuth	209-1	14680816	14741487	14764219	14728841	0.29	cps
Bismuth	209-2	9643591	9758629	9758773	9720331	0.68	cps
Boron	10-1	2234	2042	1992	2089	6.11	cps
Boron	11-1	9804	10596	10070	10157	3.97	cps
Cadmium	111-1	10310	10322	10685	10439	2.04	cps
Cadmium	106-1	14683	14750	15242	14892	2.05	cps
Cadmium	108-1	63	58	38	53	25.38	cps
Calcium	43-1	633	683	592	636	7.22	cps
Calcium	44-1	105973	104118	107637	105910	1.66	cps
Chromium	52-2	3997	3971	4157	4042	2.50	cps
Cobalt	59-2	93	117	170	127	31.02	cps
Copper	63-2	3157	3257	3194	3203	1.58	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	67	83	42	64	32.83	cps
Erbium	164-2	27	20	30	26	19.92	cps
Gadolinium	160-1	292	225	300	272	15.10	cps
Gadolinium	160-2	323	323	350	332	4.63	cps
Holmium	165-1	21735568	21611081	21536345	21627665	0.47	cps
Holmium	165-2	12703155	12729264	12811364	12747928	0.44	cps
Indium	115-1	17940571	17796103	17618496	17785057	0.91	cps
Indium	115-2	4438156	4498476	4526571	4487735	1.01	cps
Iron	56-2	14313	13968	13718	14000	2.13	cps
Iron	57-2	356	350	294	333	10.14	cps
Krypton	83-1	1790	1817	1820	1809	0.91	cps
Lead	206-1	1100	1156	1311	1189	9.21	cps
Lead	207-1	956	1150	1039	1048	9.31	cps
Lead	208-1	4556	4923	4762	4747	3.87	cps
Lithium	6-1	5388034	5424638	5451713	5421462	0.59	cps
Magnesium	24-2	342	358	208	303	27.15	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:14:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	107	127	103	24.35	cps
Molybdenum	94-1	617	558	725	633	13.35	cps
Molybdenum	95-1	83	92	92	89	5.41	cps
Molybdenum	96-1	175	200	242	206	16.38	cps
Molybdenum	97-1	58	117	92	89	32.92	cps
Molybdenum	98-1	150	183	158	164	10.58	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	247	250	240	246	2.07	cps
Phosphorus	31-2	500	550	517	522	4.88	cps
Potassium	39-2	51583	52703	52502	52263	1.14	cps
Rhodium	103-1	17417217	17353888	17622759	17464621	0.80	cps
Rhodium	103-2	9811026	9820714	9802938	9811559	0.09	cps
Scandium	45-1	11749198	11960414	11855251	11854954	0.89	cps
Scandium	45-2	703327	712041	707643	707670	0.62	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	189	196	231	206	11.07	cps
Selenium	82-1	38	-3	-19	5	537.74	cps
Silicon	28-1	576609	573826	576926	575787	0.30	cps
Silver	109-1	225	233	217	225	3.70	cps
Silver	107-1	292	333	317	314	6.68	cps
Sodium	23-2	37515	39687	39044	38748	2.88	cps
Strontium	86-1	2884	2600	2709	2731	5.24	cps
Strontium	88-1	133	167	117	139	18.33	cps
Sulfur	34-1	753433	763804	755422	757553	0.73	cps
Terbium	159-1	22689872	22345425	22295250	22443516	0.96	cps
Terbium	159-2	12873386	12922157	13046355	12947300	0.69	cps
Thallium	203-1	642	633	733	669	8.29	cps
Thallium	205-1	1659	1433	1609	1567	7.54	cps
Thorium	232-1	500	328	483	437	21.73	cps
Tin	118-1	1075	1233	1075	1128	8.11	cps
Titanium	47-1	975	1050	1083	1036	5.36	cps
Uranium	238-1	83	50	75	69	24.98	cps
Vanadium	51-2	13	20	10	14	35.26	cps
Yttrium	89-1	18147394	18306665	18226191	18226750	0.44	cps
Yttrium	89-2	3378023	3395102	3404670	3392598	0.40	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:14:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	747	567	607	640	14.77	cps
Zirconium	90-1	1717	1734	1342	1597	13.87	cps
Zirconium	91-1	300	342	217	286	22.25	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:23:08	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6060	6610	6110	6260	4.86	cps
Antimony	121-1	37468	35780	37267	36838	2.50	cps
Arsenic	75-2	1020	1013	1011	1015	0.48	cps
Barium	135-1	47600	47499	46863	47321	0.84	cps
Barium	137-1	83527	82721	81340	82529	1.34	cps
Beryllium	9-1	6168	6221	6321	6237	1.25	cps
Bismuth	209-1	15150828	15189337	15110663	15150276	0.26	cps
Bismuth	209-2	9671016	9731708	9565956	9656227	0.87	cps
Boron	10-1	32594	32444	34006	33015	2.61	cps
Boron	11-1	155006	154349	161455	156937	2.50	cps
Cadmium	111-1	17184	16743	16517	16815	2.02	cps
Cadmium	106-1	16419	15601	15376	15798	3.47	cps
Cadmium	108-1	508	554	413	492	14.70	cps
Calcium	43-1	34341	35552	34717	34870	1.78	cps
Calcium	44-1	651605	647939	647531	649025	0.35	cps
Chromium	52-2	21406	21152	21536	21365	0.91	cps
Cobalt	59-2	14257	14324	14200	14260	0.43	cps
Copper	63-2	23546	24003	23997	23849	1.10	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	125	42	58	75	58.79	cps
Erbium	164-2	20	27	53	33	52.91	cps
Gadolinium	160-1	208	242	275	242	13.80	cps
Gadolinium	160-2	370	330	393	364	8.79	cps
Holmium	165-1	21914316	21982921	21854161	21917133	0.29	cps
Holmium	165-2	12552978	12639140	12547492	12579870	0.41	cps
Indium	115-1	17971726	18023486	17894973	17963395	0.36	cps
Indium	115-2	4441290	4458527	4433278	4444365	0.29	cps
Iron	56-2	438231	442250	438315	439599	0.52	cps
Iron	57-2	10993	11271	11116	11127	1.25	cps
Krypton	83-1	1903	1707	1757	1789	5.71	cps
Lead	206-1	16989	17618	17412	17340	1.85	cps
Lead	207-1	15187	15348	15393	15309	0.71	cps
Lead	208-1	70198	70185	70876	70420	0.56	cps
Lithium	6-1	5499101	5524951	5523665	5515906	0.26	cps
Magnesium	24-2	366101	372428	360738	366422	1.60	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:23:08	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5781	5541	5831	5718	2.71	cps
Molybdenum	94-1	44286	44019	43894	44066	0.45	cps
Molybdenum	95-1	55074	53367	55024	54488	1.78	cps
Molybdenum	96-1	60479	60086	60529	60365	0.40	cps
Molybdenum	97-1	34877	33674	33165	33905	2.59	cps
Molybdenum	98-1	85029	87535	86203	86256	1.45	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	4304	4317	4364	4328	0.73	cps
Phosphorus	31-2	1533	1600	1558	1564	2.15	cps
Potassium	39-2	393433	389428	387626	390163	0.76	cps
Rhodium	103-1	17535405	17588466	17744170	17622680	0.62	cps
Rhodium	103-2	9894442	9786731	9815864	9832346	0.57	cps
Scandium	45-1	12179617	12110681	12160286	12150195	0.29	cps
Scandium	45-2	701406	694879	693261	696515	0.62	cps
Selenium	77-2	170	173	210	184	12.03	cps
Selenium	78-2	711	839	809	786	8.50	cps
Selenium	82-1	2855	2935	3043	2944	3.20	cps
Silicon	28-1	734028	738853	735859	736247	0.33	cps
Silver	109-1	33415	32840	32296	32850	1.70	cps
Silver	107-1	34101	35044	34560	34568	1.37	cps
Sodium	23-2	704152	707010	707106	706090	0.24	cps
Strontium	86-1	9462	9137	9028	9209	2.45	cps
Strontium	88-1	58580	56722	57107	57469	1.71	cps
Sulfur	34-1	802926	790018	794276	795740	0.83	cps
Terbium	159-1	22434900	22851735	22558857	22615164	0.95	cps
Terbium	159-2	12870141	12888199	12874130	12877490	0.07	cps
Thallium	203-1	19949	20341	20358	20216	1.14	cps
Thallium	205-1	49017	49652	47904	48858	1.81	cps
Thorium	232-1	65263	66542	65117	65641	1.19	cps
Tin	118-1	89980	91374	90114	90489	0.85	cps
Titanium	47-1	17711	17177	17478	17455	1.53	cps
Uranium	238-1	67485	67091	66320	66965	0.88	cps
Vanadium	51-2	35078	35362	34798	35080	0.80	cps
Yttrium	89-1	18385938	18267991	18373979	18342636	0.35	cps
Yttrium	89-2	3377539	3330787	3343970	3350765	0.72	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:23:08	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4104	4011	4147	4087	1.71	cps
Zirconium	90-1	35002	35629	34910	35180	1.11	cps
Zirconium	91-1	7861	7786	8211	7953	2.85	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:27:04	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	324927	321951	325281	324053	0.56	cps
Antimony	121-1	969912	975470	977868	974417	0.42	cps
Arsenic	75-2	50586	51233	51801	51206	1.19	cps
Barium	135-1	1201915	1220397	1206156	1209489	0.80	cps
Barium	137-1	2102371	2113152	2111196	2108906	0.27	cps
Beryllium	9-1	320600	322154	319223	320659	0.46	cps
Bismuth	209-1	14927799	15202785	15182248	15104277	1.01	cps
Bismuth	209-2	9718375	9621759	9701265	9680467	0.53	cps
Boron	10-1	67091	68925	68581	68199	1.43	cps
Boron	11-1	312349	321406	325751	319835	2.14	cps
Cadmium	111-1	340334	346746	341632	342904	0.99	cps
Cadmium	106-1	51772	51771	51453	51665	0.36	cps
Cadmium	108-1	26283	25795	26246	26108	1.04	cps
Calcium	43-1	359991	362185	362092	361423	0.34	cps
Calcium	44-1	5703082	5607113	5659746	5656647	0.85	cps
Chromium	52-2	455103	448473	453286	452287	0.76	cps
Cobalt	59-2	744297	748494	746678	746490	0.28	cps
Copper	63-2	1078241	1070727	1069383	1072784	0.45	cps
Dysprosium	156-1	33	17	83	44	78.07	cps
Dysprosium	156-2	37	30	30	32	11.95	cps
Erbium	164-1	75	67	67	69	6.93	cps
Erbium	164-2	20	37	60	39	51.66	cps
Gadolinium	160-1	342	258	242	281	19.10	cps
Gadolinium	160-2	337	273	300	303	10.48	cps
Holmium	165-1	21751237	22136192	21923659	21937029	0.88	cps
Holmium	165-2	12794385	12641195	12730431	12722004	0.60	cps
Indium	115-1	17732990	17932610	17899806	17855135	0.60	cps
Indium	115-2	4418623	4398816	4443797	4420412	0.51	cps
Iron	56-2	20207291	20438911	20169453	20271885	0.72	cps
Iron	57-2	495207	502509	494164	497293	0.91	cps
Krypton	83-1	1910	1627	1733	1757	8.15	cps
Lead	206-1	876540	869070	871863	872491	0.43	cps
Lead	207-1	790050	791260	792873	791394	0.18	cps
Lead	208-1	3585995	3588856	3586873	3587241	0.04	cps
Lithium	6-1	5502354	5508598	5486718	5499223	0.20	cps
Magnesium	24-2	3728845	3699564	3726202	3718204	0.44	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:27:04	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	566102	570491	569469	568688	0.40	cps
Molybdenum	94-1	2258212	2272227	2283899	2271446	0.57	cps
Molybdenum	95-1	2883077	2884088	2907086	2891417	0.47	cps
Molybdenum	96-1	3176301	3163462	3162718	3167494	0.24	cps
Molybdenum	97-1	1772800	1784890	1794511	1784067	0.61	cps
Molybdenum	98-1	4614004	4655444	4655600	4641682	0.52	cps
Neodymium	150-1	87	100	107	98	10.41	cps
Neodymium	150-2	17	23	10	17	39.99	cps
Nickel	60-2	200103	199141	199658	199634	0.24	cps
Phosphorus	31-2	21925	22259	22326	22170	0.97	cps
Potassium	39-2	1811010	1796639	1806741	1804797	0.41	cps
Rhodium	103-1	17300696	17406545	17459076	17388772	0.46	cps
Rhodium	103-2	9778809	9606095	9821163	9735355	1.17	cps
Scandium	45-1	12154407	12152620	12046893	12117973	0.51	cps
Scandium	45-2	697780	690691	695750	694740	0.53	cps
Selenium	77-2	1650	1737	1653	1680	2.92	cps
Selenium	78-2	6138	5983	5831	5984	2.57	cps
Selenium	82-1	28611	28419	28587	28539	0.37	cps
Silicon	28-1	1525914	1538730	1549907	1538184	0.78	cps
Silver	109-1	1552124	1559618	1563814	1558519	0.38	cps
Silver	107-1	1621228	1621185	1635118	1625844	0.49	cps
Sodium	23-2	7011278	6977401	6929494	6972724	0.59	cps
Strontium	86-1	403621	402583	407628	404611	0.66	cps
Strontium	88-1	3485847	3477568	3546534	3503317	1.07	cps
Sulfur	34-1	949397	939096	939962	942819	0.61	cps
Terbium	159-1	22715901	22717856	22938737	22790832	0.56	cps
Terbium	159-2	12877711	12803524	12937301	12872845	0.52	cps
Thallium	203-1	1074772	1084989	1099208	1086323	1.13	cps
Thallium	205-1	2565907	2586110	2618813	2590276	1.03	cps
Thorium	232-1	3651316	3655740	3711348	3672801	0.91	cps
Tin	118-1	896692	924239	918198	913043	1.59	cps
Titanium	47-1	838711	833243	834766	835573	0.34	cps
Uranium	238-1	3592859	3620725	3633923	3615836	0.58	cps
Vanadium	51-2	350188	349745	348163	349365	0.30	cps
Yttrium	89-1	18301352	18213893	18311926	18275724	0.29	cps
Yttrium	89-2	3344678	3314875	3365665	3341739	0.76	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:27:04	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	177020	177175	177251	177148	0.07	cps
Zirconium	90-1	1736761	1742432	1735293	1738162	0.22	cps
Zirconium	91-1	387558	389570	387422	388183	0.31	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 11:31:09 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	794883	792381	796578	794614	0.27	cps
Antimony	121-1	2440951	2432346	2460988	2444762	0.60	cps
Arsenic	75-2	124276	124091	124513	124293	0.17	cps
Barium	135-1	3065393	3019010	3056229	3046877	0.81	cps
Barium	137-1	5356153	5315845	5447515	5373171	1.26	cps
Beryllium	9-1	780799	772291	785856	779649	0.88	cps
Bismuth	209-1	15242054	15227883	15166063	15212000	0.27	cps
Bismuth	209-2	9594913	9553119	9596280	9581437	0.26	cps
Boron	10-1	163095	163806	167243	164714	1.35	cps
Boron	11-1	768584	775960	787822	777455	1.25	cps
Cadmium	111-1	835276	829001	827976	830751	0.48	cps
Cadmium	106-1	105197	103787	105232	104739	0.79	cps
Cadmium	108-1	63538	63517	63944	63666	0.38	cps
Calcium	43-1	891064	869032	896132	885409	1.63	cps
Calcium	44-1	13837841	13726208	13858984	13807678	0.52	cps
Chromium	52-2	1095586	1080612	1103038	1093078	1.04	cps
Cobalt	59-2	1832693	1814244	1828927	1825288	0.53	cps
Copper	63-2	2598561	2604759	2605724	2603015	0.15	cps
Dysprosium	156-1	42	75	108	75	44.44	cps
Dysprosium	156-2	40	37	23	33	26.47	cps
Erbium	164-1	58	75	67	67	12.49	cps
Erbium	164-2	43	27	30	33	26.45	cps
Gadolinium	160-1	258	242	250	250	3.33	cps
Gadolinium	160-2	363	313	337	338	7.41	cps
Holmium	165-1	22757389	22317544	22513335	22529423	0.98	cps
Holmium	165-2	12878623	12741214	12749430	12789756	0.60	cps
Indium	115-1	18001888	17442858	17803437	17749395	1.60	cps
Indium	115-2	4338668	4325440	4382838	4348982	0.69	cps
Iron	56-2	49337493	49195830	49099743	49211022	0.24	cps
Iron	57-2	1216007	1207241	1219700	1214316	0.53	cps
Krypton	83-1	1787	1587	1813	1729	7.17	cps
Lead	206-1	2185794	2184597	2215576	2195323	0.80	cps
Lead	207-1	1992103	1964598	2020366	1992355	1.40	cps
Lead	208-1	8957004	8968263	9181769	9035678	1.40	cps
Lithium	6-1	5514532	5433687	5419924	5456048	0.94	cps
Magnesium	24-2	9109918	9071757	9076016	9085897	0.23	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:31:09	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1375067	1376964	1383182	1378404	0.31	cps
Molybdenum	94-1	5565319	5603856	5632739	5600638	0.60	cps
Molybdenum	95-1	7192412	7010133	7150485	7117677	1.34	cps
Molybdenum	96-1	7847869	7734018	7840546	7807478	0.82	cps
Molybdenum	97-1	4441723	4418340	4455042	4438369	0.42	cps
Molybdenum	98-1	11484758	11315702	11467682	11422714	0.81	cps
Neodymium	150-1	360	247	327	311	18.72	cps
Neodymium	150-2	23	27	43	31	34.44	cps
Nickel	60-2	481761	481735	484227	482574	0.30	cps
Phosphorus	31-2	52644	51540	52083	52089	1.06	cps
Potassium	39-2	4331424	4288746	4340030	4320067	0.64	cps
Rhodium	103-1	17406852	17349147	16909168	17221723	1.58	cps
Rhodium	103-2	9660209	9515118	9603260	9592862	0.76	cps
Scandium	45-1	12071923	11812772	11841099	11908598	1.19	cps
Scandium	45-2	677500	666401	688070	677324	1.60	cps
Selenium	77-2	4177	4254	4367	4266	2.24	cps
Selenium	78-2	14012	13953	14313	14093	1.37	cps
Selenium	82-1	69325	68632	69489	69148	0.66	cps
Silicon	28-1	2930454	2949561	2997090	2959035	1.16	cps
Silver	109-1	3781971	3781940	3840932	3801615	0.90	cps
Silver	107-1	3993165	3997112	4072115	4020797	1.11	cps
Sodium	23-2	17127504	16857388	17027134	17004009	0.80	cps
Strontium	86-1	994816	987853	994515	992395	0.40	cps
Strontium	88-1	8631829	8499698	8640296	8590608	0.92	cps
Sulfur	34-1	1114027	1109525	1110498	1111350	0.21	cps
Terbium	159-1	23365462	23016639	23168540	23183547	0.75	cps
Terbium	159-2	13000051	12989461	12940140	12976551	0.25	cps
Thallium	203-1	2757964	2709337	2744871	2737391	0.92	cps
Thallium	205-1	6557820	6405970	6482028	6481939	1.17	cps
Thorium	232-1	9287253	9314335	9322053	9307880	0.20	cps
Tin	118-1	2265239	2245765	2273812	2261605	0.64	cps
Titanium	47-1	2080908	2067877	2057897	2068894	0.56	cps
Uranium	238-1	9272416	9029612	9122680	9141569	1.34	cps
Vanadium	51-2	854564	853236	857423	855074	0.25	cps
Yttrium	89-1	18351656	18078090	18207524	18212423	0.75	cps
Yttrium	89-2	3298390	3267575	3290783	3285583	0.49	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:31:09	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	424699	425615	423975	424763	0.19	cps
Zirconium	90-1	4341210	4349321	4356024	4348852	0.17	cps
Zirconium	91-1	957060	952775	968211	959349	0.83	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:34:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1547685	1555432	1569740	1557619	0.72	cps
Antimony	121-1	4753418	4871525	4869753	4831565	1.40	cps
Arsenic	75-2	245210	246301	248834	246782	0.75	cps
Barium	135-1	6024921	5958320	5964225	5982489	0.62	cps
Barium	137-1	10361900	10522719	10441960	10442193	0.77	cps
Beryllium	9-1	1485787	1519442	1507495	1504241	1.13	cps
Bismuth	209-1	14874245	14867044	14760487	14833925	0.43	cps
Bismuth	209-2	9468611	9430048	9450667	9449775	0.20	cps
Boron	10-1	310261	324131	324609	319667	2.55	cps
Boron	11-1	1471636	1505265	1539052	1505318	2.24	cps
Cadmium	111-1	1580327	1609763	1616736	1602275	1.21	cps
Cadmium	106-1	189673	191639	191592	190968	0.59	cps
Cadmium	108-1	122820	125278	123597	123898	1.01	cps
Calcium	43-1	1737104	1743596	1767582	1749427	0.92	cps
Calcium	44-1	26919329	26653934	27120550	26897937	0.87	cps
Chromium	52-2	2153260	2179790	2164965	2166005	0.61	cps
Cobalt	59-2	3578682	3619027	3611996	3603235	0.60	cps
Copper	63-2	5090640	5155510	5106370	5117506	0.66	cps
Dysprosium	156-1	92	117	125	111	15.61	cps
Dysprosium	156-2	97	123	113	111	12.13	cps
Erbium	164-1	25	67	42	44	47.19	cps
Erbium	164-2	47	43	30	40	22.05	cps
Gadolinium	160-1	225	217	242	228	5.59	cps
Gadolinium	160-2	353	360	310	341	7.96	cps
Holmium	165-1	22182203	22525360	22164084	22290549	0.91	cps
Holmium	165-2	12693241	12619193	12797191	12703208	0.70	cps
Indium	115-1	17458289	17603661	17530103	17530684	0.41	cps
Indium	115-2	4293349	4254055	4361747	4303050	1.27	cps
Iron	56-2	97165722	98113488	98948263	98075824	0.91	cps
Iron	57-2	2417883	2416269	2422570	2418907	0.14	cps
Krypton	83-1	1723	1730	1577	1677	5.17	cps
Lead	206-1	4300159	4361314	4407091	4356188	1.23	cps
Lead	207-1	3834763	3950102	3933535	3906133	1.60	cps
Lead	208-1	17550953	17715746	17832244	17699648	0.80	cps
Lithium	6-1	5305104	5337267	5307468	5316613	0.34	cps
Magnesium	24-2	17882243	18094395	18024129	18000256	0.60	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:34:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2713241	2749820	2743227	2735429	0.71	cps
Molybdenum	94-1	11011647	11082390	11036390	11043476	0.33	cps
Molybdenum	95-1	13969523	14138059	13942686	14016756	0.76	cps
Molybdenum	96-1	15541592	15636239	15384148	15520660	0.82	cps
Molybdenum	97-1	8624871	8749907	8621827	8665535	0.84	cps
Molybdenum	98-1	22697644	22589644	22553578	22613622	0.33	cps
Neodymium	150-1	513	493	480	496	3.39	cps
Neodymium	150-2	67	60	63	63	5.27	cps
Nickel	60-2	933742	948137	959346	947075	1.36	cps
Phosphorus	31-2	102090	103232	102301	102541	0.59	cps
Potassium	39-2	8502850	8554919	8526788	8528186	0.31	cps
Rhodium	103-1	16637472	16790289	16756213	16727991	0.48	cps
Rhodium	103-2	9373925	9349980	9510582	9411496	0.92	cps
Scandium	45-1	11623769	11643096	11694452	11653772	0.31	cps
Scandium	45-2	671495	670737	674753	672329	0.32	cps
Selenium	77-2	7926	8192	8026	8048	1.67	cps
Selenium	78-2	27077	27740	27554	27457	1.24	cps
Selenium	82-1	133352	135543	134538	134477	0.82	cps
Silicon	28-1	4285804	4475730	4437159	4399564	2.28	cps
Silver	109-1	7399674	7359494	7426885	7395351	0.46	cps
Silver	107-1	7664049	7881566	7741337	7762317	1.42	cps
Sodium	23-2	33407854	33908118	33735400	33683791	0.75	cps
Strontium	86-1	1947458	1962899	1964763	1958374	0.49	cps
Strontium	88-1	16956888	17259565	16997405	17071286	0.96	cps
Sulfur	34-1	1370862	1386490	1370135	1375829	0.67	cps
Terbium	159-1	22711225	22978138	22971790	22887051	0.67	cps
Terbium	159-2	12853370	12857218	13072808	12927799	0.97	cps
Thallium	203-1	5391376	5492204	5463080	5448887	0.95	cps
Thallium	205-1	12573366	13118785	12783251	12825134	2.15	cps
Thorium	232-1	18687549	18875678	18665222	18742816	0.62	cps
Tin	118-1	4440193	4516387	4559720	4505434	1.34	cps
Titanium	47-1	3966596	4074275	4030930	4023934	1.35	cps
Uranium	238-1	18152325	18432108	18362750	18315728	0.80	cps
Vanadium	51-2	1688070	1713690	1695056	1698938	0.78	cps
Yttrium	89-1	17629546	17990149	17960070	17859922	1.12	cps
Yttrium	89-2	3248142	3228598	3341465	3272735	1.84	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:34:57	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	822271	831704	837205	830394	0.91	cps
Zirconium	90-1	8500645	8576791	8442765	8506733	0.79	cps
Zirconium	91-1	1868603	1894371	1899715	1887563	0.88	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:38:43	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3140003	3155216	3229700	3174973	1.51	cps
Antimony	121-1	9550089	9393508	9612075	9518557	1.18	cps
Arsenic	75-2	488821	494037	496268	493042	0.78	cps
Barium	135-1	11749683	11889708	11991980	11877124	1.02	cps
Barium	137-1	20710736	20975131	20957761	20881209	0.71	cps
Beryllium	9-1	2927291	2936878	2949107	2937759	0.37	cps
Bismuth	209-1	14265954	14642571	14431769	14446765	1.31	cps
Bismuth	209-2	9136513	9127107	9110641	9124754	0.14	cps
Boron	10-1	616545	632930	634662	628046	1.59	cps
Boron	11-1	2917008	2973057	3038324	2976130	2.04	cps
Cadmium	111-1	3105489	3144106	3139079	3129558	0.67	cps
Cadmium	106-1	361255	363200	360954	361803	0.34	cps
Cadmium	108-1	241196	241810	242811	241939	0.34	cps
Calcium	43-1	3420544	3488001	3534143	3480896	1.64	cps
Calcium	44-1	52890650	54017701	54381720	53763357	1.45	cps
Chromium	52-2	4331701	4345188	4371253	4349381	0.46	cps
Cobalt	59-2	7095583	7112256	7169798	7125879	0.55	cps
Copper	63-2	9984172	10014705	10092153	10030344	0.55	cps
Dysprosium	156-1	275	233	183	231	19.91	cps
Dysprosium	156-2	193	203	230	209	9.07	cps
Erbium	164-1	100	67	83	83	20.00	cps
Erbium	164-2	37	50	33	40	22.05	cps
Gadolinium	160-1	325	267	292	294	9.94	cps
Gadolinium	160-2	413	370	377	387	6.04	cps
Holmium	165-1	21357483	22105756	22195714	21886318	2.10	cps
Holmium	165-2	12604664	12623354	12641247	12623089	0.14	cps
Indium	115-1	17169279	17352401	17191419	17237700	0.58	cps
Indium	115-2	4201395	4275474	4274826	4250565	1.00	cps
Iron	56-2	196758438	197099871	198576777	197478362	0.49	cps
Iron	57-2	4849301	4850096	4865595	4854997	0.19	cps
Krypton	83-1	1800	1757	1837	1798	2.23	cps
Lead	206-1	8630010	8652964	8432501	8571825	1.41	cps
Lead	207-1	7744550	7766268	7709026	7739948	0.37	cps
Lead	208-1	35028699	34896297	34687792	34870929	0.49	cps
Lithium	6-1	5160439	5253245	5226755	5213480	0.92	cps
Magnesium	24-2	35666521	35682005	36386632	35911719	1.15	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:38:43	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5480597	5530493	5591960	5534350	1.01	cps
Molybdenum	94-1	22040714	22386055	22231075	22219281	0.78	cps
Molybdenum	95-1	28204256	28413225	28293333	28303604	0.37	cps
Molybdenum	96-1	31012511	31159186	30849157	31006951	0.50	cps
Molybdenum	97-1	17425147	17686611	17515061	17542273	0.76	cps
Molybdenum	98-1	45314436	45224298	45360119	45299618	0.15	cps
Neodymium	150-1	973	1033	960	989	3.95	cps
Neodymium	150-2	133	113	120	122	8.33	cps
Nickel	60-2	1854067	1869383	1871461	1864970	0.51	cps
Phosphorus	31-2	207044	208437	210366	208616	0.80	cps
Potassium	39-2	17216811	17240772	17565593	17341059	1.12	cps
Rhodium	103-1	16358015	16395053	16582006	16445025	0.73	cps
Rhodium	103-2	9167408	9305968	9178592	9217323	0.84	cps
Scandium	45-1	11403539	11770954	11803908	11659467	1.91	cps
Scandium	45-2	675982	684822	694039	684948	1.32	cps
Selenium	77-2	16356	15939	16086	16127	1.31	cps
Selenium	78-2	53987	54013	55119	54373	1.19	cps
Selenium	82-1	258587	260824	262891	260767	0.83	cps
Silicon	28-1	8392341	8476596	8610393	8493110	1.29	cps
Silver	109-1	14606913	14421859	14574442	14534404	0.68	cps
Silver	107-1	15213870	15129504	15252935	15198770	0.42	cps
Sodium	23-2	68332268	67073806	67820608	67742227	0.93	cps
Strontium	86-1	3841799	3924683	3952950	3906477	1.48	cps
Strontium	88-1	34123710	34370335	34372680	34288908	0.42	cps
Sulfur	34-1	2081511	2079828	2079768	2080369	0.05	cps
Terbium	159-1	22235158	22692800	22859590	22595849	1.43	cps
Terbium	159-2	12841508	12824480	12993334	12886441	0.72	cps
Thallium	203-1	10521471	10684300	10662987	10622919	0.83	cps
Thallium	205-1	25333988	25224909	24825895	25128264	1.06	cps
Thorium	232-1	36915695	37754469	37048409	37239524	1.21	cps
Tin	118-1	8906701	8878801	8881450	8888984	0.17	cps
Titanium	47-1	7977997	8067163	8033813	8026324	0.56	cps
Uranium	238-1	36727888	36974409	36032955	36578417	1.33	cps
Vanadium	51-2	3435221	3435255	3507423	3459300	1.20	cps
Yttrium	89-1	17641309	18022024	17904116	17855816	1.09	cps
Yttrium	89-2	3260955	3299417	3326083	3295485	0.99	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:38:43	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1612830	1606459	1628111	1615800	0.69	cps
Zirconium	90-1	16955831	17177473	17302412	17145239	1.02	cps
Zirconium	91-1	3751083	3828488	3820104	3799892	1.12	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 11:42:30 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6588339	6537928	6658839	6595035	0.92	cps
Antimony	121-1	18637347	19003151	18749174	18796557	1.00	cps
Arsenic	75-2	967204	981952	981972	977042	0.87	cps
Barium	135-1	23783449	23796114	24125410	23901658	0.81	cps
Barium	137-1	41632038	42210219	41922719	41921659	0.69	cps
Beryllium	9-1	5621093	5631690	5648096	5633626	0.24	cps
Bismuth	209-1	13825634	13690701	13715381	13743905	0.52	cps
Bismuth	209-2	8817921	8858621	8841452	8839331	0.23	cps
Boron	10-1	1207713	1233685	1253560	1231653	1.87	cps
Boron	11-1	5883538	5938485	5987896	5936640	0.88	cps
Cadmium	111-1	6606952	6556082	6586735	6583256	0.39	cps
Cadmium	106-1	729733	732900	737355	733329	0.52	cps
Cadmium	108-1	498126	504006	504122	502085	0.68	cps
Calcium	43-1	6947235	6950318	6973998	6957184	0.21	cps
Calcium	44-1	109667252	108839494	109211148	109239298	0.38	cps
Chromium	52-2	9107656	8992435	8984290	9028127	0.76	cps
Cobalt	59-2	14608412	14458369	14504824	14523868	0.53	cps
Copper	63-2	20400771	20320368	20656091	20459077	0.86	cps
Dysprosium	156-1	358	383	583	442	27.92	cps
Dysprosium	156-2	397	470	423	430	8.63	cps
Erbium	164-1	108	117	67	97	27.55	cps
Erbium	164-2	60	60	50	57	10.19	cps
Gadolinium	160-1	375	233	283	297	24.17	cps
Gadolinium	160-2	417	363	370	383	7.58	cps
Holmium	165-1	21882125	21970681	21652993	21835266	0.75	cps
Holmium	165-2	12652949	12707319	12756903	12705724	0.41	cps
Indium	115-1	17034399	17047238	16769116	16950251	0.93	cps
Indium	115-2	4156108	4167642	4195938	4173229	0.49	cps
Iron	56-2	397548664	397084353	398415976	397682998	0.17	cps
Iron	57-2	9833643	9875245	9880405	9863098	0.26	cps
Krypton	83-1	1813	1807	1877	1832	2.11	cps
Lead	206-1	16649109	16610127	16759003	16672746	0.46	cps
Lead	207-1	14884436	15043719	15178183	15035446	0.98	cps
Lead	208-1	67314216	67769741	68083709	67722555	0.57	cps
Lithium	6-1	5240678	5213475	5181662	5211939	0.57	cps
Magnesium	24-2	73757183	74006852	75303433	74355822	1.12	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 11:42:30 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11389282	11210272	11294496	11298017	0.79	cps
Molybdenum	94-1	45202953	44878086	45063983	45048341	0.36	cps
Molybdenum	95-1	57433970	56471237	56826466	56910558	0.86	cps
Molybdenum	96-1	62916324	62311285	63953618	63060409	1.32	cps
Molybdenum	97-1	35290751	34920340	35149976	35120356	0.53	cps
Molybdenum	98-1	91018354	91504112	90458727	90993731	0.57	cps
Neodymium	150-1	2254	2094	1934	2094	7.64	cps
Neodymium	150-2	273	223	253	250	10.07	cps
Nickel	60-2	3641106	3645399	3717427	3667977	1.17	cps
Phosphorus	31-2	423497	416397	421368	420421	0.87	cps
Potassium	39-2	35729474	35798875	35861939	35796763	0.19	cps
Rhodium	103-1	16160651	16225535	16017667	16134618	0.66	cps
Rhodium	103-2	9169722	9202654	9195540	9189305	0.19	cps
Scandium	45-1	11859206	11942816	11839254	11880425	0.46	cps
Scandium	45-2	710287	709182	712891	710787	0.27	cps
Selenium	77-2	31695	30960	31568	31408	1.25	cps
Selenium	78-2	104460	105379	105749	105196	0.63	cps
Selenium	82-1	500333	497562	506295	501396	0.89	cps
Silicon	28-1	13651897	13654113	13917438	13741149	1.11	cps
Silver	109-1	29389353	29399904	29364611	29384623	0.06	cps
Silver	107-1	30760626	31060902	31088493	30970007	0.59	cps
Sodium	23-2	140595424	140766278	141368157	140909953	0.29	cps
Strontium	86-1	7832842	7814388	7819789	7822340	0.12	cps
Strontium	88-1	68710858	69314758	68781399	68935672	0.48	cps
Sulfur	34-1	3511956	3505351	3553438	3523582	0.74	cps
Terbium	159-1	22827523	22740697	22937425	22835215	0.43	cps
Terbium	159-2	12990084	12884075	12932662	12935607	0.41	cps
Thallium	203-1	20467876	20413557	20730874	20537436	0.83	cps
Thallium	205-1	49191815	48839425	49070349	49033863	0.37	cps
Thorium	232-1	72662557	73269404	73671888	73201283	0.69	cps
Tin	118-1	17716124	17504797	17836042	17685654	0.95	cps
Titanium	47-1	16396601	16349887	16499901	16415463	0.47	cps
Uranium	238-1	72557752	70431687	70937431	71308956	1.56	cps
Vanadium	51-2	7084614	7139416	7117454	7113828	0.39	cps
Yttrium	89-1	17931196	18217191	17966252	18038213	0.86	cps
Yttrium	89-2	3319688	3374159	3378210	3357352	0.97	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:42:30	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3252282	3324512	3343295	3306697	1.45	cps
Zirconium	90-1	34655536	34900325	34904124	34819995	0.41	cps
Zirconium	91-1	7767148	7775614	7644225	7728996	0.95	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:46:20	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38319614	38409815	38720398	38483276	0.55	cps
Antimony	121-1	21584	22127	21751	21821	1.27	cps
Arsenic	75-2	1485	1359	1383	1409	4.74	cps
Barium	135-1	5726	5285	5210	5407	5.17	cps
Barium	137-1	9687	9028	8770	9162	5.16	cps
Beryllium	9-1	1070	980	1013	1021	4.46	cps
Bismuth	209-1	11398028	11203359	11253443	11284943	0.90	cps
Bismuth	209-2	7513036	7538666	7580895	7544199	0.45	cps
Boron	10-1	44140	39018	35092	39417	11.51	cps
Boron	11-1	203574	184709	170334	186205	8.95	cps
Cadmium	111-1	11581	11086	11416	11361	2.22	cps
Cadmium	106-1	14917	14408	14758	14694	1.77	cps
Cadmium	108-1	188	142	104	144	28.89	cps
Calcium	43-1	36125316	36569314	36452427	36382353	0.63	cps
Calcium	44-1	567111563	575039396	580618230	574256396	1.18	cps
Chromium	52-2	176868	178409	180313	178530	0.97	cps
Cobalt	59-2	179457	180913	180750	180373	0.44	cps
Copper	63-2	35426	35403	36078	35636	1.08	cps
Dysprosium	156-1	250	250	200	233	12.37	cps
Dysprosium	156-2	100	173	83	119	40.27	cps
Erbium	164-1	108	133	142	128	13.58	cps
Erbium	164-2	67	37	57	53	28.64	cps
Gadolinium	160-1	367	408	375	383	5.75	cps
Gadolinium	160-2	407	390	473	423	10.42	cps
Holmium	165-1	20674387	20224803	20318144	20405778	1.16	cps
Holmium	165-2	12383641	12345201	12412501	12380448	0.27	cps
Indium	115-1	16237682	16331922	16374831	16314812	0.43	cps
Indium	115-2	4224120	4238201	4323237	4261853	1.26	cps
Iron	56-2	2104201914	2134623692	2144483381	2127769662	0.99	cps
Iron	57-2	52190923	52842053	52610015	52547664	0.63	cps
Krypton	83-1	1790	1813	2027	1877	6.95	cps
Lead	206-1	26772	25453	24250	25492	4.95	cps
Lead	207-1	21946	20756	20945	21216	3.02	cps
Lead	208-1	101998	99259	98196	99818	1.97	cps
Lithium	6-1	5137597	5116291	5165374	5139754	0.48	cps
Magnesium	24-2	405129459	407690534	411192334	408004109	0.75	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:46:20	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	61257	61194	61689	61380	0.44	cps
Molybdenum	94-1	34234	31845	31962	32680	4.12	cps
Molybdenum	95-1	48609	46761	46970	47447	2.13	cps
Molybdenum	96-1	68473	66774	66716	67321	1.48	cps
Molybdenum	97-1	28889	29690	27160	28579	4.52	cps
Molybdenum	98-1	74872	74571	72393	73945	1.83	cps
Neodymium	150-1	387	460	447	431	9.06	cps
Neodymium	150-2	157	217	243	206	21.59	cps
Nickel	60-2	76056	74894	76415	75788	1.05	cps
Phosphorus	31-2	808	1008	1092	970	15.02	cps
Potassium	39-2	210770113	210672792	213906538	211783148	0.87	cps
Rhodium	103-1	14522900	14881013	14638590	14680835	1.24	cps
Rhodium	103-2	8450750	8522157	8541786	8504898	0.56	cps
Scandium	45-1	11893699	12021705	12284145	12066516	1.65	cps
Scandium	45-2	762410	772597	769942	768316	0.69	cps
Selenium	77-2	13	23	20	19	26.96	cps
Selenium	78-2	239	280	294	271	10.62	cps
Selenium	82-1	356	285	291	311	12.61	cps
Silicon	28-1	1719401	1793107	1813491	1775333	2.79	cps
Silver	109-1	3792	3567	3526	3628	3.95	cps
Silver	107-1	4334	4109	3834	4092	6.12	cps
Sodium	23-2	781655101	801973551	807340535	796989729	1.70	cps
Strontium	86-1	34167	34534	32705	33802	2.86	cps
Strontium	88-1	267132	267690	267465	267429	0.10	cps
Sulfur	34-1	737382	766411	786442	763412	3.23	cps
Terbium	159-1	21213067	21007579	21234361	21151669	0.59	cps
Terbium	159-2	12449882	12570821	12640653	12553785	0.77	cps
Thallium	203-1	5701	5593	5218	5504	4.61	cps
Thallium	205-1	14208	12490	12540	13079	7.48	cps
Thorium	232-1	18558	16355	15420	16778	9.60	cps
Tin	118-1	15701	15726	14491	15306	4.61	cps
Titanium	47-1	7094	7569	7486	7383	3.44	cps
Uranium	238-1	11247	11022	9971	10747	6.34	cps
Vanadium	51-2	2120	2297	2254	2224	4.14	cps
Yttrium	89-1	17826208	17728028	18001775	17852003	0.78	cps
Yttrium	89-2	3437735	3488388	3481566	3469230	0.79	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 11:46:20	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	28825	29376	28662	28954	1.29	cps
Zirconium	90-1	15309	14541	14600	14817	2.88	cps
Zirconium	91-1	3426	3334	3259	3339	2.50	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:06:53	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179206	177021	181062	179097	1.13	cps
Antimony	121-1	3855498	3863413	3863257	3860723	0.12	cps
Arsenic	75-2	216734	217462	216210	216802	0.29	cps
Barium	135-1	474638	484721	476299	478553	1.13	cps
Barium	137-1	840319	845409	843994	843241	0.31	cps
Beryllium	9-1	619060	620895	608285	616080	1.11	cps
Bismuth	209-1	15255911	15629346	15563015	15482757	1.29	cps
Bismuth	209-2	9998050	9966147	9981734	9981977	0.16	cps
Boron	10-1	5243	5676	5501	5473	3.98	cps
Boron	11-1	25355	26165	26265	25929	1.92	cps
Cadmium	111-1	659545	671850	662403	664599	0.97	cps
Cadmium	106-1	72964	75946	75921	74944	2.29	cps
Cadmium	108-1	57169	57487	57257	57305	0.29	cps
Calcium	43-1	151520	151925	149938	151128	0.70	cps
Calcium	44-1	2532525	2609466	2557538	2566510	1.53	cps
Chromium	52-2	938477	931752	937627	935952	0.39	cps
Cobalt	59-2	1582527	1601792	1568949	1584423	1.04	cps
Copper	63-2	1138804	1138470	1124416	1133896	0.72	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	13	23	10	16	44.60	cps
Erbium	164-1	150	175	192	172	12.18	cps
Erbium	164-2	120	123	80	108	22.38	cps
Gadolinium	160-1	200	325	267	264	23.70	cps
Gadolinium	160-2	433	363	427	408	9.47	cps
Holmium	165-1	22735452	23181612	23163346	23026803	1.10	cps
Holmium	165-2	13144071	13395566	13119056	13219564	1.16	cps
Indium	115-1	18822217	19685288	19813106	19440204	2.77	cps
Indium	115-2	4693727	4737249	4731095	4720690	0.50	cps
Iron	56-2	8838069	8730952	8528963	8699328	1.80	cps
Iron	57-2	211736	211222	210648	211202	0.26	cps
Krypton	83-1	1870	1900	1917	1896	1.25	cps
Lead	206-1	3330753	3413149	3424720	3389541	1.51	cps
Lead	207-1	2945205	2995031	2939838	2960025	1.03	cps
Lead	208-1	13777239	13798752	13691197	13755729	0.41	cps
Lithium	6-1	5705368	5774999	5772080	5750816	0.68	cps
Magnesium	24-2	928288	934668	952683	938546	1.35	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 12:06:53 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	580591	586154	583574	583440	0.48	cps
Molybdenum	94-1	17691831	17479828	17141130	17437596	1.59	cps
Molybdenum	95-1	30714133	30577248	29941711	30411031	1.36	cps
Molybdenum	96-1	32847931	32829788	32121336	32599685	1.27	cps
Molybdenum	97-1	19343754	18882878	18595336	18940656	1.99	cps
Molybdenum	98-1	49727032	49136596	47883285	48915638	1.92	cps
Neodymium	150-1	33	47	60	47	28.58	cps
Neodymium	150-2	17	0	3	7	132.33	cps
Nickel	60-2	419686	420629	421475	420596	0.21	cps
Phosphorus	31-2	508	575	475	519	9.80	cps
Potassium	39-2	1570286	1564768	1597851	1577635	1.12	cps
Rhodium	103-1	18778519	19240966	19537555	19185680	1.99	cps
Rhodium	103-2	10382559	10365313	10367188	10371687	0.09	cps
Scandium	45-1	13219422	13595096	13755699	13523406	2.04	cps
Scandium	45-2	761249	767116	760896	763087	0.46	cps
Selenium	77-2	7449	7332	7522	7434	1.29	cps
Selenium	78-2	25307	25005	25196	25169	0.61	cps
Selenium	82-1	116337	117310	115818	116488	0.65	cps
Silicon	28-1	771903	794006	806020	790643	2.19	cps
Silver	109-1	3105310	3200106	3180815	3162077	1.58	cps
Silver	107-1	3285718	3296301	3265711	3282577	0.47	cps
Sodium	23-2	3024224	3024168	3035322	3027904	0.21	cps
Strontium	86-1	20090	19731	19180	19667	2.33	cps
Strontium	88-1	142662	143960	144388	143670	0.63	cps
Sulfur	34-1	756598	733800	724401	738266	2.24	cps
Terbium	159-1	23625670	23898823	24259318	23927937	1.33	cps
Terbium	159-2	13419322	13538259	13472062	13476548	0.44	cps
Thallium	203-1	4234474	4273447	4214177	4240699	0.71	cps
Thallium	205-1	10273046	10311336	10156511	10246964	0.79	cps
Thorium	232-1	5585	5162	5796	5514	5.85	cps
Tin	118-1	8353	8253	8528	8378	1.66	cps
Titanium	47-1	9009218	8947802	8781103	8912707	1.32	cps
Uranium	238-1	2167	2117	2050	2111	2.77	cps
Vanadium	51-2	732430	728217	729708	730118	0.29	cps
Yttrium	89-1	19887664	20421401	20447646	20252237	1.56	cps
Yttrium	89-2	3567779	3595205	3609699	3590894	0.59	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:06:53	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	366635	367551	368576	367587	0.26	cps
Zirconium	90-1	8078	6293	6452	6941	14.23	cps
Zirconium	91-1	2784	2325	2192	2434	12.76	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:16:42	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6944	7552	6985	7160	4.75	cps
Antimony	121-1	37644	37476	37802	37641	0.43	cps
Arsenic	75-2	1030	974	1015	1006	2.86	cps
Barium	135-1	47265	48428	46638	47443	1.91	cps
Barium	137-1	81004	82152	83334	82163	1.42	cps
Beryllium	9-1	6355	6328	6355	6346	0.24	cps
Bismuth	209-1	15294101	15154463	15458900	15302488	1.00	cps
Bismuth	209-2	9798777	10279963	9930242	10002994	2.49	cps
Boron	10-1	34431	34541	35635	34869	1.91	cps
Boron	11-1	164412	168261	169669	167447	1.63	cps
Cadmium	111-1	17879	17326	16617	17274	3.66	cps
Cadmium	106-1	16886	16343	15626	16285	3.88	cps
Cadmium	108-1	525	517	604	549	8.80	cps
Calcium	43-1	38309	37424	35694	37142	3.58	cps
Calcium	44-1	719813	725973	712215	719334	0.96	cps
Chromium	52-2	22644	23168	22825	22879	1.16	cps
Cobalt	59-2	15532	15291	15115	15313	1.37	cps
Copper	63-2	25265	25436	25863	25521	1.21	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	3	3	17	8	99.04	cps
Erbium	164-1	33	67	83	61	41.67	cps
Erbium	164-2	23	53	30	36	44.31	cps
Gadolinium	160-1	158	267	267	231	27.13	cps
Gadolinium	160-2	350	340	413	368	10.81	cps
Holmium	165-1	22200053	22403056	22431438	22344849	0.56	cps
Holmium	165-2	12781471	13481564	13085756	13116263	2.68	cps
Indium	115-1	18873923	18928517	18967582	18923341	0.25	cps
Indium	115-2	4584887	4845534	4717703	4716041	2.76	cps
Iron	56-2	475143	474191	484958	478097	1.25	cps
Iron	57-2	11900	11761	12472	12044	3.13	cps
Krypton	83-1	1657	1847	1813	1772	5.73	cps
Lead	206-1	17445	17078	17278	17267	1.06	cps
Lead	207-1	15548	15292	15576	15472	1.01	cps
Lead	208-1	70218	69841	70654	70238	0.58	cps
Lithium	6-1	5719019	5672974	5707999	5699998	0.42	cps
Magnesium	24-2	392281	394868	393200	393450	0.33	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:16:42	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6205	6278	6525	6336	2.65	cps
Molybdenum	94-1	45649	44913	45306	45290	0.81	cps
Molybdenum	95-1	56505	56890	56974	56789	0.44	cps
Molybdenum	96-1	64355	63576	62571	63501	1.41	cps
Molybdenum	97-1	35002	35470	34568	35014	1.29	cps
Molybdenum	98-1	91862	89069	90638	90523	1.55	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	4617	4721	4611	4650	1.33	cps
Phosphorus	31-2	1742	1850	1825	1806	3.14	cps
Potassium	39-2	428056	434626	431759	431480	0.76	cps
Rhodium	103-1	18748724	18773189	18788771	18770228	0.11	cps
Rhodium	103-2	10189555	10782729	10467314	10479866	2.83	cps
Scandium	45-1	13114381	13031615	13044397	13063465	0.34	cps
Scandium	45-2	740055	788611	759567	762744	3.20	cps
Selenium	77-2	193	173	150	172	12.59	cps
Selenium	78-2	815	896	870	861	4.84	cps
Selenium	82-1	3126	3069	3006	3067	1.95	cps
Silicon	28-1	804275	803982	806008	804755	0.14	cps
Silver	109-1	33825	33115	35746	34229	3.98	cps
Silver	107-1	35329	36080	35838	35749	1.07	cps
Sodium	23-2	769081	788283	782513	779959	1.26	cps
Strontium	86-1	9996	9979	9745	9907	1.41	cps
Strontium	88-1	59198	59290	59458	59315	0.22	cps
Sulfur	34-1	806819	804014	803097	804643	0.24	cps
Terbium	159-1	23126131	23154552	23581878	23287520	1.10	cps
Terbium	159-2	13264406	13731909	13381875	13459396	1.81	cps
Thallium	203-1	20559	20633	20425	20539	0.51	cps
Thallium	205-1	49100	48966	49610	49226	0.69	cps
Thorium	232-1	65453	65425	65274	65384	0.15	cps
Tin	118-1	92530	93059	90735	92108	1.32	cps
Titanium	47-1	18412	18279	18679	18457	1.11	cps
Uranium	238-1	64343	63842	66504	64896	2.18	cps
Vanadium	51-2	37491	38267	38213	37990	1.14	cps
Yttrium	89-1	19540759	19508629	19787448	19612279	0.78	cps
Yttrium	89-2	3519025	3667866	3619247	3602046	2.11	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:16:42	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4307	4351	4437	4365	1.52	cps
Zirconium	90-1	36380	36731	36848	36653	0.66	cps
Zirconium	91-1	7586	8069	7819	7825	3.09	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 12:20:19 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	275	208	225	19.60	cps
Antimony	121-1	442	492	475	469	5.42	cps
Arsenic	75-2	19	26	17	20	24.05	cps
Barium	135-1	17	25	50	31	56.77	cps
Barium	137-1	50	83	75	69	24.98	cps
Beryllium	9-1	170	207	230	202	14.96	cps
Bismuth	209-1	15098424	15250569	15183409	15177467	0.50	cps
Bismuth	209-2	9893592	9887366	9816936	9865965	0.43	cps
Boron	10-1	4659	4534	4092	4429	6.72	cps
Boron	11-1	20932	20006	19288	20075	4.11	cps
Cadmium	111-1	11084	11184	10698	10989	2.33	cps
Cadmium	106-1	15776	15884	15242	15634	2.20	cps
Cadmium	108-1	25	21	54	33	54.50	cps
Calcium	43-1	683	833	883	800	13.01	cps
Calcium	44-1	142399	142046	139606	141350	1.08	cps
Chromium	52-2	4307	4581	4567	4485	3.44	cps
Cobalt	59-2	103	117	127	116	10.13	cps
Copper	63-2	2934	2970	2937	2947	0.69	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	42	75	75	64	30.12	cps
Erbium	164-2	57	40	33	43	27.74	cps
Gadolinium	160-1	158	192	142	164	15.54	cps
Gadolinium	160-2	347	363	380	363	4.59	cps
Holmium	165-1	22238825	22244387	22210362	22231191	0.08	cps
Holmium	165-2	12943798	12965133	12939871	12949601	0.10	cps
Indium	115-1	18891283	18911624	18961651	18921519	0.19	cps
Indium	115-2	4630713	4669775	4680336	4660274	0.56	cps
Iron	56-2	22701	22223	22968	22631	1.67	cps
Iron	57-2	456	628	556	546	15.83	cps
Krypton	83-1	1850	1783	1873	1836	2.54	cps
Lead	206-1	1267	1372	1206	1282	6.58	cps
Lead	207-1	1261	1228	1183	1224	3.19	cps
Lead	208-1	5167	5323	5184	5225	1.63	cps
Lithium	6-1	5730774	5713622	5723949	5722782	0.15	cps
Magnesium	24-2	1350	1233	1350	1311	5.14	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:20:19	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	97	70	82	16.39	cps
Molybdenum	94-1	933	833	1025	931	10.30	cps
Molybdenum	95-1	517	508	458	494	6.38	cps
Molybdenum	96-1	608	725	567	633	12.96	cps
Molybdenum	97-1	408	250	250	303	30.19	cps
Molybdenum	98-1	875	683	775	778	12.33	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	287	210	273	257	15.96	cps
Phosphorus	31-2	458	550	650	553	17.34	cps
Potassium	39-2	60131	59771	61671	60524	1.67	cps
Rhodium	103-1	18542266	18537911	18550696	18543624	0.04	cps
Rhodium	103-2	10338933	10322131	10501750	10387605	0.96	cps
Scandium	45-1	13096466	13133246	12987129	13072281	0.58	cps
Scandium	45-2	751579	756238	757706	755174	0.42	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	256	246	191	231	15.19	cps
Selenium	82-1	38	169	14	73	113.12	cps
Silicon	28-1	628471	626897	627243	627537	0.13	cps
Silver	109-1	250	292	283	275	8.02	cps
Silver	107-1	258	292	267	272	6.37	cps
Sodium	23-2	51949	53078	54224	53084	2.14	cps
Strontium	86-1	2817	2900	3292	3003	8.45	cps
Strontium	88-1	208	192	183	194	6.55	cps
Sulfur	34-1	812368	816232	819712	816104	0.45	cps
Terbium	159-1	23311220	23037334	23068900	23139152	0.65	cps
Terbium	159-2	13260499	13267894	13208605	13245666	0.24	cps
Thallium	203-1	1050	967	917	978	6.89	cps
Thallium	205-1	2325	1975	2267	2189	8.57	cps
Thorium	232-1	1089	850	928	956	12.75	cps
Tin	118-1	1242	1342	1308	1297	3.93	cps
Titanium	47-1	1267	1208	1167	1214	4.14	cps
Uranium	238-1	67	58	133	86	47.74	cps
Vanadium	51-2	13	30	23	22	37.76	cps
Yttrium	89-1	19413207	19360101	19637538	19470282	0.76	cps
Yttrium	89-2	3541471	3532683	3557082	3543745	0.35	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:20:19	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	700	643	557	633	11.40	cps
Zirconium	90-1	1692	1734	1700	1709	1.29	cps
Zirconium	91-1	325	400	358	361	10.41	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 12:23:56 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31707844	32217572	32396948	32107455	1.11	cps
Antimony	121-1	20816	21475	21843	21378	2.43	cps
Arsenic	75-2	361	293	319	324	10.68	cps
Barium	135-1	7527	7119	7277	7308	2.82	cps
Barium	137-1	12348	12223	12364	12311	0.63	cps
Beryllium	9-1	1800	1770	1870	1813	2.83	cps
Bismuth	209-1	13470238	13590240	13599812	13553430	0.53	cps
Bismuth	209-2	8994403	8796570	9011123	8934032	1.34	cps
Boron	10-1	4384	3876	3942	4067	6.79	cps
Boron	11-1	19981	19881	19505	19789	1.27	cps
Cadmium	111-1	15329	14768	14274	14790	3.57	cps
Cadmium	106-1	15434	14900	14792	15042	2.29	cps
Cadmium	108-1	8661	8553	8298	8504	2.19	cps
Calcium	43-1	7262446	7198051	7343963	7268153	1.01	cps
Calcium	44-1	113951473	114770790	116157890	114960051	0.97	cps
Chromium	52-2	197549	196290	194348	196062	0.82	cps
Cobalt	59-2	18355	18048	17758	18054	1.65	cps
Copper	63-2	84855	84546	84868	84756	0.21	cps
Dysprosium	156-1	83	100	75	86	14.78	cps
Dysprosium	156-2	33	67	60	53	33.08	cps
Erbium	164-1	175	125	125	142	20.38	cps
Erbium	164-2	103	83	60	82	26.38	cps
Gadolinium	160-1	208	308	400	306	31.37	cps
Gadolinium	160-2	380	420	413	404	5.30	cps
Holmium	165-1	22014006	22228865	22358019	22200297	0.78	cps
Holmium	165-2	13015369	12918198	13116174	13016581	0.76	cps
Indium	115-1	17769108	17965359	18301847	18012105	1.50	cps
Indium	115-2	4476928	4465304	4466021	4469418	0.15	cps
Iron	56-2	830327330	832003396	833010530	831780419	0.16	cps
Iron	57-2	20626830	20349313	20667094	20547746	0.84	cps
Krypton	83-1	1927	1810	1923	1887	3.52	cps
Lead	206-1	79136	79521	80281	79646	0.73	cps
Lead	207-1	62703	63011	63993	63236	1.07	cps
Lead	208-1	299830	303537	306353	303240	1.08	cps
Lithium	6-1	5487328	5509754	5580180	5525754	0.88	cps
Magnesium	24-2	77270306	77842481	77419895	77510894	0.38	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 12:23:56 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	45835	46039	46082	45985	0.29	cps
Molybdenum	94-1	12491986	12408375	12556628	12485663	0.60	cps
Molybdenum	95-1	21904190	21745439	22170281	21939970	0.98	cps
Molybdenum	96-1	23304020	23167410	23769770	23413734	1.35	cps
Molybdenum	97-1	13302415	13485453	13703147	13497005	1.49	cps
Molybdenum	98-1	35076456	34729874	35607217	35137849	1.26	cps
Neodymium	150-1	113	87	87	96	16.11	cps
Neodymium	150-2	27	30	33	30	11.10	cps
Nickel	60-2	21149	21062	21603	21271	1.37	cps
Phosphorus	31-2	2192846	2233459	2197568	2207958	1.01	cps
Potassium	39-2	76282989	76359683	76487643	76376772	0.14	cps
Rhodium	103-1	17091832	16865128	17300119	17085693	1.27	cps
Rhodium	103-2	9583174	9626759	9754074	9654669	0.92	cps
Scandium	45-1	12915725	12868910	12969749	12918128	0.39	cps
Scandium	45-2	762479	760382	764375	762412	0.26	cps
Selenium	77-2	3	0	20	8	137.80	cps
Selenium	78-2	222	180	235	212	13.69	cps
Selenium	82-1	62	184	4	83	110.27	cps
Silicon	28-1	1134779	1147448	1163952	1148726	1.27	cps
Silver	109-1	1283	1433	1567	1428	9.93	cps
Silver	107-1	1442	1492	1884	1606	15.06	cps
Sodium	23-2	148184082	146585262	149599499	148122948	1.02	cps
Strontium	86-1	242285	246298	249001	245861	1.37	cps
Strontium	88-1	2090438	2067880	2143196	2100505	1.84	cps
Sulfur	34-1	12345181	12229479	12495133	12356598	1.08	cps
Terbium	159-1	22900534	23144969	23211405	23085636	0.71	cps
Terbium	159-2	13291288	13142062	13249172	13227507	0.58	cps
Thallium	203-1	2092	2359	2442	2298	7.96	cps
Thallium	205-1	5193	5418	5810	5474	5.70	cps
Thorium	232-1	2434	2795	2645	2624	6.91	cps
Tin	118-1	3801	3651	4042	3831	5.16	cps
Titanium	47-1	7042640	6996084	7123214	7053979	0.91	cps
Uranium	238-1	1200	1117	1183	1167	3.78	cps
Vanadium	51-2	1343	1250	1263	1286	3.93	cps
Yttrium	89-1	19116024	19153191	19544476	19271230	1.23	cps
Yttrium	89-2	3499612	3524207	3550870	3524896	0.73	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:23:56	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	19086	18692	19183	18987	1.37	cps
Zirconium	90-1	2625	2542	2392	2520	4.69	cps
Zirconium	91-1	558	550	500	536	5.89	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 12:27:38 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32621843	32689265	33063072	32791393	0.72	cps
Antimony	121-1	401981	405305	405946	404411	0.53	cps
Arsenic	75-2	20470	20819	21177	20822	1.70	cps
Barium	135-1	107776	108077	107768	107874	0.16	cps
Barium	137-1	183467	188847	188096	186804	1.56	cps
Beryllium	9-1	124331	122768	124686	123928	0.82	cps
Bismuth	209-1	13809656	13678758	13778682	13755698	0.50	cps
Bismuth	209-2	8850293	8847252	8793027	8830191	0.36	cps
Boron	10-1	88769	87821	91191	89261	1.95	cps
Boron	11-1	426792	425220	435060	429024	1.23	cps
Cadmium	111-1	142075	142548	142457	142360	0.18	cps
Cadmium	106-1	36206	35512	35287	35668	1.34	cps
Cadmium	108-1	20044	19998	20536	20192	1.48	cps
Calcium	43-1	7442153	7547397	7498978	7496176	0.70	cps
Calcium	44-1	118340528	118925890	119078782	118781733	0.33	cps
Chromium	52-2	383774	385520	384338	384544	0.23	cps
Cobalt	59-2	321342	325495	326500	324446	0.84	cps
Copper	63-2	295751	296819	299597	297389	0.67	cps
Dysprosium	156-1	100	108	133	114	15.23	cps
Dysprosium	156-2	70	67	73	70	4.76	cps
Erbium	164-1	125	142	158	142	11.76	cps
Erbium	164-2	80	97	77	84	12.69	cps
Gadolinium	160-1	317	325	267	303	10.42	cps
Gadolinium	160-2	413	457	433	434	4.99	cps
Holmium	165-1	22662770	22807108	22707567	22725815	0.33	cps
Holmium	165-2	12944323	13091380	12955529	12997077	0.63	cps
Indium	115-1	18273476	18197300	18387348	18286041	0.52	cps
Indium	115-2	4448581	4443983	4429176	4440580	0.23	cps
Iron	56-2	842424752	849130197	843927197	845160715	0.42	cps
Iron	57-2	20840198	20798544	20851641	20830128	0.13	cps
Krypton	83-1	1900	1863	1977	1913	3.02	cps
Lead	206-1	414623	417153	425483	419086	1.36	cps
Lead	207-1	347065	346731	350824	348207	0.65	cps
Lead	208-1	1613199	1612213	1640930	1622114	1.01	cps
Lithium	6-1	5685458	5694458	5698667	5692861	0.12	cps
Magnesium	24-2	79117862	78699587	78727183	78848211	0.30	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:27:38	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	162481	162460	163036	162659	0.20	cps
Molybdenum	94-1	14145494	13920535	13892736	13986255	0.99	cps
Molybdenum	95-1	23483816	23300982	23461411	23415403	0.43	cps
Molybdenum	96-1	25067297	24973517	24774368	24938394	0.60	cps
Molybdenum	97-1	14479367	14281325	14246725	14335806	0.88	cps
Molybdenum	98-1	37295715	36928004	37312894	37178871	0.58	cps
Neodymium	150-1	87	113	73	91	22.35	cps
Neodymium	150-2	57	73	43	58	26.01	cps
Nickel	60-2	99304	100680	99874	99953	0.69	cps
Phosphorus	31-2	2252383	2238211	2251736	2247443	0.36	cps
Potassium	39-2	77121225	77540477	78084196	77581966	0.62	cps
Rhodium	103-1	17184310	17328458	17374252	17295673	0.57	cps
Rhodium	103-2	9643423	9583714	9567519	9598219	0.42	cps
Scandium	45-1	13256331	13140206	13157244	13184593	0.48	cps
Scandium	45-2	762424	768792	758810	763342	0.66	cps
Selenium	77-2	617	760	643	673	11.32	cps
Selenium	78-2	2456	2428	2498	2461	1.44	cps
Selenium	82-1	10731	10909	10705	10782	1.03	cps
Silicon	28-1	2265082	2272927	2278800	2272270	0.30	cps
Silver	109-1	566915	574460	562641	568005	1.05	cps
Silver	107-1	592033	599955	600902	597630	0.81	cps
Sodium	23-2	151718899	151539537	152143841	151800759	0.20	cps
Strontium	86-1	696832	700336	704254	700474	0.53	cps
Strontium	88-1	6171083	6100192	6157836	6143037	0.61	cps
Sulfur	34-1	12874838	12698454	12788131	12787141	0.69	cps
Terbium	159-1	23439020	23181639	23679359	23433339	1.06	cps
Terbium	159-2	13088014	13249988	13148750	13162251	0.62	cps
Thallium	203-1	411396	413300	416528	413742	0.63	cps
Thallium	205-1	976955	997678	1011371	995335	1.74	cps
Thorium	232-1	27229	27685	27546	27487	0.85	cps
Tin	118-1	1112183	1118970	1122601	1117918	0.47	cps
Titanium	47-1	7492749	7407756	7388631	7429712	0.75	cps
Uranium	238-1	4456418	4491583	4505371	4484457	0.56	cps
Vanadium	51-2	149882	149638	149978	149833	0.12	cps
Yttrium	89-1	19654817	19508282	19493594	19552231	0.46	cps
Yttrium	89-2	3521080	3538802	3497254	3519045	0.59	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:27:38	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	51812	52344	53016	52391	1.15	cps
Zirconium	90-1	2384054	2402099	2375849	2387334	0.56	cps
Zirconium	91-1	532930	527323	528964	529739	0.54	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:39:30	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19969141	20210484	20160817	20113481	0.63	cps
Antimony	121-1	9312245	9387769	9455325	9385113	0.76	cps
Arsenic	75-2	505345	509697	514578	509873	0.91	cps
Barium	135-1	12231096	12351321	12263795	12282071	0.51	cps
Barium	137-1	21451949	21482189	21705166	21546435	0.64	cps
Beryllium	9-1	2990704	2977403	3016739	2994948	0.67	cps
Bismuth	209-1	12835068	12929518	13102659	12955748	1.05	cps
Bismuth	209-2	8534219	8574753	8476806	8528593	0.58	cps
Boron	10-1	671717	669403	675511	672211	0.46	cps
Boron	11-1	3188932	3212182	3282949	3228021	1.52	cps
Cadmium	111-1	3403509	3383784	3474166	3420486	1.39	cps
Cadmium	106-1	395267	398333	402708	398770	0.94	cps
Cadmium	108-1	261814	266520	270486	266273	1.63	cps
Calcium	43-1	19012075	19236255	19092153	19113494	0.59	cps
Calcium	44-1	299551082	301655773	300494257	300567037	0.35	cps
Chromium	52-2	4828824	4912902	4913165	4884964	1.00	cps
Cobalt	59-2	7847877	7868971	7840299	7852382	0.19	cps
Copper	63-2	11453052	11503580	11532080	11496238	0.35	cps
Dysprosium	156-1	358	433	450	414	11.80	cps
Dysprosium	156-2	270	300	323	298	8.98	cps
Erbium	164-1	100	92	92	94	5.09	cps
Erbium	164-2	47	63	47	52	18.42	cps
Gadolinium	160-1	342	400	283	342	17.07	cps
Gadolinium	160-2	383	393	513	430	16.82	cps
Holmium	165-1	22087100	22014791	22392238	22164710	0.90	cps
Holmium	165-2	13031109	13107704	12927212	13022008	0.70	cps
Indium	115-1	17927653	17705375	18091093	17908040	1.08	cps
Indium	115-2	4445413	4514569	4517605	4492529	0.91	cps
Iron	56-2	1089992713	1099951469	1102250114	1097398099	0.59	cps
Iron	57-2	26969898	27119203	27246569	27111890	0.51	cps
Krypton	83-1	1930	1790	1990	1903	5.39	cps
Lead	206-1	7877792	7707244	7973875	7852970	1.72	cps
Lead	207-1	7075265	7097082	7184213	7118853	0.81	cps
Lead	208-1	31809304	31802311	32434593	32015403	1.13	cps
Lithium	6-1	5671292	5623302	5674795	5656463	0.51	cps
Magnesium	24-2	205692580	207123080	209664505	207493388	0.97	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:39:30	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6180119	6260946	6221311	6220792	0.65	cps
Molybdenum	94-1	24050778	24043221	23936252	24010084	0.27	cps
Molybdenum	95-1	30465285	29858407	30633611	30319101	1.34	cps
Molybdenum	96-1	33183882	33519870	33562109	33421954	0.62	cps
Molybdenum	97-1	18530079	18873357	18775034	18726157	0.94	cps
Molybdenum	98-1	48838102	49041420	48919788	48933103	0.21	cps
Neodymium	150-1	1213	1240	1193	1216	1.93	cps
Neodymium	150-2	233	187	223	214	11.46	cps
Nickel	60-2	1948394	1955866	1969963	1958074	0.56	cps
Phosphorus	31-2	238505	236346	240995	238615	0.97	cps
Potassium	39-2	104330888	104270692	104385792	104329124	0.06	cps
Rhodium	103-1	16490108	16588360	16819091	16632520	1.02	cps
Rhodium	103-2	9365474	9381169	9380720	9375787	0.10	cps
Scandium	45-1	13160805	13185396	13342614	13229605	0.75	cps
Scandium	45-2	793383	804567	806773	801574	0.90	cps
Selenium	77-2	16984	17254	16873	17037	1.15	cps
Selenium	78-2	57049	58294	57106	57483	1.22	cps
Selenium	82-1	261856	263864	265685	263802	0.73	cps
Silicon	28-1	9277744	9501025	9679364	9486044	2.12	cps
Silver	109-1	14659813	14710972	14917113	14762632	0.92	cps
Silver	107-1	15473406	15434063	15752823	15553431	1.12	cps
Sodium	23-2	396946642	397428959	401253609	398543070	0.59	cps
Strontium	86-1	4238020	4259772	4258809	4252200	0.29	cps
Strontium	88-1	37141934	36909912	36794742	36948863	0.48	cps
Sulfur	34-1	2396121	2392336	2409203	2399220	0.37	cps
Terbium	159-1	22933778	23211100	23145415	23096764	0.63	cps
Terbium	159-2	13326536	13312375	13281785	13306899	0.17	cps
Thallium	203-1	9872959	9793470	10058257	9908229	1.37	cps
Thallium	205-1	23309290	23480458	23678142	23489297	0.79	cps
Thorium	232-1	35305660	35530724	35208560	35348315	0.47	cps
Tin	118-1	9034331	9084427	9283114	9133957	1.44	cps
Titanium	47-1	9023307	9079490	9187357	9096718	0.92	cps
Uranium	238-1	33972447	34031210	34406572	34136743	0.69	cps
Vanadium	51-2	3932231	3966291	3957809	3952110	0.45	cps
Yttrium	89-1	19467693	19536041	19573400	19525711	0.27	cps
Yttrium	89-2	3655134	3661725	3641456	3652772	0.28	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:39:30	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1995461	2019369	2039114	2017981	1.08	cps
Zirconium	90-1	18622890	18839718	18727387	18729998	0.58	cps
Zirconium	91-1	4053293	4032562	4149742	4078532	1.53	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:43:54	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8061	7986	8444	8164	3.01	cps
Antimony	121-1	42181	43176	43026	42794	1.25	cps
Arsenic	75-2	1228	1161	1222	1204	3.07	cps
Barium	135-1	50987	50351	51480	50939	1.11	cps
Barium	137-1	89708	88457	87140	88435	1.45	cps
Beryllium	9-1	6925	7072	6968	6988	1.08	cps
Bismuth	209-1	15993254	15918616	15845881	15919250	0.46	cps
Bismuth	209-2	10337554	10146011	10203606	10229057	0.96	cps
Boron	10-1	58866	58364	57058	58096	1.61	cps
Boron	11-1	279421	275041	269127	274530	1.88	cps
Cadmium	111-1	18701	19330	18871	18968	1.71	cps
Cadmium	106-1	17269	17637	17762	17556	1.46	cps
Cadmium	108-1	675	567	704	649	11.17	cps
Calcium	43-1	40030	40866	39687	40195	1.51	cps
Calcium	44-1	829324	821620	821584	824176	0.54	cps
Chromium	52-2	24440	24604	25182	24742	1.57	cps
Cobalt	59-2	16182	16480	16172	16278	1.07	cps
Copper	63-2	27994	28655	28588	28412	1.28	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	83	42	75	67	33.07	cps
Erbium	164-2	27	20	33	27	24.99	cps
Gadolinium	160-1	267	258	242	256	4.98	cps
Gadolinium	160-2	430	390	413	411	4.89	cps
Holmium	165-1	23549038	23506183	23255380	23436867	0.68	cps
Holmium	165-2	13516776	13491209	13451392	13486459	0.24	cps
Indium	115-1	20210744	20195876	20083814	20163478	0.34	cps
Indium	115-2	4836626	4859290	4894688	4863535	0.60	cps
Iron	56-2	573307	572252	573391	572983	0.11	cps
Iron	57-2	14396	14168	14396	14320	0.92	cps
Krypton	83-1	1957	1820	1887	1888	3.62	cps
Lead	206-1	19070	18157	18580	18602	2.45	cps
Lead	207-1	17440	16884	16845	17056	1.95	cps
Lead	208-1	77629	75865	76349	76615	1.19	cps
Lithium	6-1	6117825	6062371	6033241	6071146	0.71	cps
Magnesium	24-2	426272	423946	430967	427062	0.84	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:43:54	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6822	7012	7045	6960	1.73	cps
Molybdenum	94-1	52631	51260	50373	51422	2.21	cps
Molybdenum	95-1	64396	62689	62722	63269	1.54	cps
Molybdenum	96-1	71681	70391	68666	70246	2.15	cps
Molybdenum	97-1	39188	39539	38820	39183	0.92	cps
Molybdenum	98-1	104011	100805	99145	101320	2.44	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	5008	5081	4828	4972	2.62	cps
Phosphorus	31-2	1917	2125	1884	1975	6.63	cps
Potassium	39-2	491611	492182	484814	489536	0.84	cps
Rhodium	103-1	19882036	19854955	19808580	19848524	0.19	cps
Rhodium	103-2	10974298	10878637	10873080	10908672	0.52	cps
Scandium	45-1	14184958	14303847	14170182	14219662	0.52	cps
Scandium	45-2	806040	800937	801039	802672	0.36	cps
Selenium	77-2	190	210	260	220	16.39	cps
Selenium	78-2	900	898	967	922	4.24	cps
Selenium	82-1	3100	3615	3410	3375	7.69	cps
Silicon	28-1	916908	914520	900759	910729	0.96	cps
Silver	109-1	37643	39197	38279	38373	2.04	cps
Silver	107-1	40492	39581	40150	40074	1.15	cps
Sodium	23-2	905159	910625	900781	905522	0.54	cps
Strontium	86-1	11288	10871	10421	10860	3.99	cps
Strontium	88-1	67812	66715	65224	66583	1.95	cps
Sulfur	34-1	863313	869569	861834	864905	0.47	cps
Terbium	159-1	24692841	24461901	24560435	24571726	0.47	cps
Terbium	159-2	13882173	13806736	13940906	13876605	0.48	cps
Thallium	203-1	24590	25300	24431	24774	1.87	cps
Thallium	205-1	58421	57125	57091	57546	1.32	cps
Thorium	232-1	73479	71629	71171	72093	1.69	cps
Tin	118-1	100887	98614	99771	99757	1.14	cps
Titanium	47-1	21191	20340	19947	20493	3.10	cps
Uranium	238-1	70424	69663	68791	69626	1.17	cps
Vanadium	51-2	39908	40649	40125	40227	0.95	cps
Yttrium	89-1	21136609	20752448	20895137	20928065	0.93	cps
Yttrium	89-2	3704108	3762283	3741276	3735889	0.79	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:43:54	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4794	4824	5161	4926	4.13	cps
Zirconium	90-1	41905	41544	41043	41497	1.04	cps
Zirconium	91-1	9070	9453	9203	9242	2.11	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P7
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 12:47:29 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1017	1025	967	1003	3.15	cps
Antimony	121-1	1800	1909	1917	1875	3.47	cps
Arsenic	75-2	61	70	37	56	30.63	cps
Barium	135-1	692	550	517	586	15.85	cps
Barium	137-1	1058	975	992	1008	4.37	cps
Beryllium	9-1	420	377	440	412	7.85	cps
Bismuth	209-1	15742960	15426603	15531503	15567022	1.04	cps
Bismuth	209-2	9984674	10110928	10015927	10037176	0.66	cps
Boron	10-1	15400	15467	14174	15014	4.85	cps
Boron	11-1	74107	72424	69795	72109	3.01	cps
Cadmium	111-1	11677	10991	12195	11621	5.20	cps
Cadmium	106-1	16402	15300	17019	16240	5.36	cps
Cadmium	108-1	113	75	50	79	39.74	cps
Calcium	43-1	1717	1492	1417	1542	10.13	cps
Calcium	44-1	188802	186518	186391	187237	0.72	cps
Chromium	52-2	4981	5141	4764	4962	3.81	cps
Cobalt	59-2	460	363	347	390	15.69	cps
Copper	63-2	4387	4484	4377	4416	1.33	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	83	108	100	97	13.09	cps
Erbium	164-2	20	37	57	38	48.60	cps
Gadolinium	160-1	142	183	217	181	20.81	cps
Gadolinium	160-2	347	453	360	387	15.03	cps
Holmium	165-1	22980135	22679319	23102466	22920640	0.95	cps
Holmium	165-2	13323301	13364280	13269799	13319127	0.36	cps
Indium	115-1	19689229	19850861	19517540	19685877	0.85	cps
Indium	115-2	4730739	4807097	4794713	4777516	0.86	cps
Iron	56-2	66730	65301	62165	64732	3.61	cps
Iron	57-2	1622	1500	1628	1583	4.56	cps
Krypton	83-1	1937	1813	1777	1842	4.55	cps
Lead	206-1	1939	1911	2006	1952	2.49	cps
Lead	207-1	1878	1911	1717	1835	5.67	cps
Lead	208-1	8085	8101	7996	8060	0.70	cps
Lithium	6-1	6009247	5972111	5950107	5977155	0.50	cps
Magnesium	24-2	8069	8094	7827	7997	1.84	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:47:29	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	360	313	293	322	10.62	cps
Molybdenum	94-1	2267	2259	2325	2284	1.59	cps
Molybdenum	95-1	2725	2625	2225	2525	10.48	cps
Molybdenum	96-1	3067	2709	2825	2867	6.38	cps
Molybdenum	97-1	1667	1450	1167	1428	17.56	cps
Molybdenum	98-1	4359	3942	3959	4087	5.77	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	330	390	317	346	11.30	cps
Phosphorus	31-2	558	650	700	636	11.29	cps
Potassium	39-2	81113	78828	79186	79709	1.54	cps
Rhodium	103-1	19429843	19498980	19392993	19440605	0.28	cps
Rhodium	103-2	10574728	10744435	10727401	10682188	0.87	cps
Scandium	45-1	13680898	13940694	13640505	13754032	1.18	cps
Scandium	45-2	775430	781739	785732	780967	0.67	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	252	230	217	233	7.65	cps
Selenium	82-1	66	156	238	153	56.26	cps
Silicon	28-1	683128	681023	677964	680705	0.38	cps
Silver	109-1	1817	1658	1700	1725	4.76	cps
Silver	107-1	2059	2117	1884	2020	6.01	cps
Sodium	23-2	106292	104664	103976	104977	1.13	cps
Strontium	86-1	3409	3359	2867	3212	9.32	cps
Strontium	88-1	1784	1775	1575	1711	6.89	cps
Sulfur	34-1	861376	853747	858772	857965	0.45	cps
Terbium	159-1	24043872	23864204	23926753	23944943	0.38	cps
Terbium	159-2	13508601	13417016	13561076	13495565	0.54	cps
Thallium	203-1	2675	2634	2584	2631	1.74	cps
Thallium	205-1	6485	6177	6335	6332	2.44	cps
Thorium	232-1	4584	4201	4323	4369	4.48	cps
Tin	118-1	2225	2092	2200	2172	3.26	cps
Titanium	47-1	1942	1759	1675	1792	7.61	cps
Uranium	238-1	2009	1709	1508	1742	14.45	cps
Vanadium	51-2	70	147	163	127	39.30	cps
Yttrium	89-1	20400509	20398917	20498263	20432563	0.28	cps
Yttrium	89-2	3645685	3705635	3668179	3673166	0.82	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:47:29	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	693	753	717	721	4.19	cps
Zirconium	90-1	3034	3209	2534	2925	11.98	cps
Zirconium	91-1	525	767	483	592	25.86	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:54:42	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7327	7235	7877	7480	4.64	cps
Antimony	121-1	38371	39766	39047	39061	1.79	cps
Arsenic	75-2	1109	1130	1180	1140	3.18	cps
Barium	135-1	49473	50434	49355	49754	1.19	cps
Barium	137-1	85245	88423	87342	87003	1.86	cps
Beryllium	9-1	6668	6965	6518	6717	3.39	cps
Bismuth	209-1	15572384	15425996	15124284	15374221	1.49	cps
Bismuth	209-2	10188451	10039528	9889507	10039162	1.49	cps
Boron	10-1	41709	43196	43313	42739	2.09	cps
Boron	11-1	198421	203801	200922	201048	1.34	cps
Cadmium	111-1	17661	18237	17387	17762	2.44	cps
Cadmium	106-1	16385	17253	16143	16594	3.52	cps
Cadmium	108-1	633	571	533	579	8.72	cps
Calcium	43-1	38710	39587	38810	39036	1.23	cps
Calcium	44-1	771976	761913	766045	766645	0.66	cps
Chromium	52-2	22995	23486	24063	23515	2.27	cps
Cobalt	59-2	16182	15602	16089	15958	1.95	cps
Copper	63-2	27009	26875	26885	26923	0.28	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	17	75	50	47	61.97	cps
Erbium	164-2	33	43	33	37	15.75	cps
Gadolinium	160-1	283	350	233	289	20.26	cps
Gadolinium	160-2	377	407	353	379	7.06	cps
Holmium	165-1	22411323	22567229	22401529	22460027	0.41	cps
Holmium	165-2	13217695	13206982	13105414	13176697	0.47	cps
Indium	115-1	19264075	19442632	18867331	19191346	1.53	cps
Indium	115-2	4755419	4748807	4699980	4734736	0.64	cps
Iron	56-2	499901	506941	503866	503569	0.70	cps
Iron	57-2	13090	12589	12194	12624	3.55	cps
Krypton	83-1	1893	1930	1733	1852	5.65	cps
Lead	206-1	17896	18463	18219	18193	1.56	cps
Lead	207-1	16138	14987	16227	15784	4.38	cps
Lead	208-1	73583	73255	73414	73417	0.22	cps
Lithium	6-1	5974916	6022575	5909164	5968885	0.95	cps
Magnesium	24-2	416376	416621	409469	414156	0.98	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:54:42	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6638	6518	6452	6536	1.45	cps
Molybdenum	94-1	47521	48325	46058	47301	2.43	cps
Molybdenum	95-1	58371	59936	60069	59459	1.59	cps
Molybdenum	96-1	65560	66280	64421	65420	1.43	cps
Molybdenum	97-1	36656	37050	36539	36748	0.73	cps
Molybdenum	98-1	94372	94052	93206	93877	0.64	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	4958	4684	5028	4890	3.71	cps
Phosphorus	31-2	1967	1709	1950	1875	7.71	cps
Potassium	39-2	456574	455339	452723	454879	0.43	cps
Rhodium	103-1	19060033	19097002	18628188	18928408	1.38	cps
Rhodium	103-2	10553538	10584822	10551658	10563339	0.18	cps
Scandium	45-1	13591456	13672632	13434391	13566160	0.89	cps
Scandium	45-2	771335	771602	770047	770995	0.11	cps
Selenium	77-2	143	197	197	179	17.21	cps
Selenium	78-2	928	930	939	932	0.64	cps
Selenium	82-1	3141	3050	3298	3163	3.98	cps
Silicon	28-1	855602	847756	840496	847951	0.89	cps
Silver	109-1	37100	36623	36239	36654	1.18	cps
Silver	107-1	37651	38094	37952	37899	0.60	cps
Sodium	23-2	828989	840956	822171	830705	1.14	cps
Strontium	86-1	10713	10471	9812	10332	4.51	cps
Strontium	88-1	63634	63651	63081	63455	0.51	cps
Sulfur	34-1	890643	890357	891015	890672	0.04	cps
Terbium	159-1	23716163	23527689	23135287	23459713	1.26	cps
Terbium	159-2	13484636	13560121	13394306	13479688	0.62	cps
Thallium	203-1	22679	21493	21393	21855	3.27	cps
Thallium	205-1	53242	52363	52296	52634	1.00	cps
Thorium	232-1	68641	67960	68574	68392	0.55	cps
Tin	118-1	97387	97010	96530	96976	0.44	cps
Titanium	47-1	20665	19338	19889	19964	3.34	cps
Uranium	238-1	66571	67074	66956	66867	0.39	cps
Vanadium	51-2	39323	39834	39349	39502	0.73	cps
Yttrium	89-1	20149866	20204154	19891246	20081755	0.83	cps
Yttrium	89-2	3586910	3593494	3586593	3588999	0.11	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:54:42	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4564	4601	4451	4539	1.72	cps
Zirconium	90-1	39088	39330	39547	39322	0.58	cps
Zirconium	91-1	9145	8486	8570	8734	4.11	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	PB117247BL	Instrumnet Name :	P7
Client Sample ID :	PB117247BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:58:18	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458	383	433	425	8.98	cps
Antimony	121-1	642	592	600	611	4.38	cps
Arsenic	75-2	26	24	13	21	33.42	cps
Barium	135-1	133	117	108	119	10.66	cps
Barium	137-1	167	108	217	164	33.08	cps
Beryllium	9-1	243	257	263	254	4.00	cps
Bismuth	209-1	15489804	15727142	15540261	15585736	0.80	cps
Bismuth	209-2	10134485	10080999	10006793	10074092	0.64	cps
Boron	10-1	7994	8061	8002	8019	0.45	cps
Boron	11-1	39795	37865	36812	38158	3.96	cps
Cadmium	111-1	11271	11246	11121	11213	0.72	cps
Cadmium	106-1	16001	15893	15718	15871	0.90	cps
Cadmium	108-1	54	29	21	35	49.97	cps
Calcium	43-1	1058	1050	842	983	12.48	cps
Calcium	44-1	153619	153208	152206	153011	0.48	cps
Chromium	52-2	4591	4361	4631	4527	3.22	cps
Cobalt	59-2	210	130	173	171	23.41	cps
Copper	63-2	3814	3921	3834	3856	1.47	cps
Dysprosium	156-1	42	0	17	19	107.85	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	100	75	50	75	33.34	cps
Erbium	164-2	40	27	17	28	42.13	cps
Gadolinium	160-1	125	283	217	208	38.16	cps
Gadolinium	160-2	433	423	320	392	16.00	cps
Holmium	165-1	22430681	22738710	22667589	22612327	0.71	cps
Holmium	165-2	13146340	13163066	13205386	13171598	0.23	cps
Indium	115-1	19169590	19343916	19425177	19312894	0.68	cps
Indium	115-2	4655825	4687917	4728454	4690732	0.78	cps
Iron	56-2	29675	28729	28467	28957	2.19	cps
Iron	57-2	711	817	706	744	8.41	cps
Krypton	83-1	1783	1863	1837	1828	2.23	cps
Lead	206-1	1356	1489	1500	1448	5.55	cps
Lead	207-1	1361	1317	1250	1309	4.27	cps
Lead	208-1	5851	5906	5834	5864	0.65	cps
Lithium	6-1	5950864	6029652	6008353	5996290	0.68	cps
Magnesium	24-2	1942	1759	2009	1903	6.80	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	PB117247BL	Instrumnet Name :	P7
Client Sample ID :	PB117247BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:58:18	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143	117	150	137	12.91	cps
Molybdenum	94-1	1208	1083	1008	1100	9.19	cps
Molybdenum	95-1	700	592	667	653	8.50	cps
Molybdenum	96-1	900	633	842	792	17.71	cps
Molybdenum	97-1	383	417	425	408	5.40	cps
Molybdenum	98-1	1117	992	967	1025	7.84	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	307	267	260	278	9.09	cps
Phosphorus	31-2	625	642	483	583	14.91	cps
Potassium	39-2	66550	64315	67229	66031	2.31	cps
Rhodium	103-1	19024790	19309309	19185060	19173053	0.74	cps
Rhodium	103-2	10607219	10651486	10558864	10605856	0.44	cps
Scandium	45-1	13415272	13551423	13563614	13510103	0.61	cps
Scandium	45-2	771742	765536	777300	771526	0.76	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	207	228	176	204	12.82	cps
Selenium	82-1	123	7	115	82	79.30	cps
Silicon	28-1	653270	653373	650720	652455	0.23	cps
Silver	109-1	408	400	442	417	5.29	cps
Silver	107-1	475	625	500	533	15.07	cps
Sodium	23-2	69838	68323	69922	69361	1.30	cps
Strontium	86-1	2875	2942	2717	2845	4.06	cps
Strontium	88-1	458	425	533	472	11.75	cps
Sulfur	34-1	892215	897182	895160	894852	0.28	cps
Terbium	159-1	23743011	23814220	23515513	23690915	0.66	cps
Terbium	159-2	13446677	13411055	13417202	13424978	0.14	cps
Thallium	203-1	1575	1542	1742	1620	6.62	cps
Thallium	205-1	3867	3834	3784	3829	1.09	cps
Thorium	232-1	1628	1511	1528	1556	4.06	cps
Tin	118-1	1842	1592	1592	1675	8.62	cps
Titanium	47-1	1250	1258	1508	1339	10.97	cps
Uranium	238-1	175	225	317	239	30.08	cps
Vanadium	51-2	50	30	50	43	26.65	cps
Yttrium	89-1	20068160	20137659	19939022	20048280	0.50	cps
Yttrium	89-2	3576945	3575769	3583920	3578878	0.12	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	PB117247BL	Instrumnet Name :	P7
Client Sample ID :	PB117247BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 12:58:18	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	827	880	947	884	6.80	cps
Zirconium	90-1	1867	1917	2217	2000	9.47	cps
Zirconium	91-1	217	375	492	361	38.22	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : PB117247BS Instrumnet Name : P7
 Client Sample ID : PB117247BS Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 13:03:23 DataFile Name : 025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3384162	3377927	3365262	3375783	0.29	cps
Antimony	121-1	9966254	10034426	9770220	9923634	1.38	cps
Arsenic	75-2	511490	511053	511626	511390	0.06	cps
Barium	135-1	12460183	12372210	12372377	12401590	0.41	cps
Barium	137-1	21565816	21996328	21737663	21766602	1.00	cps
Beryllium	9-1	3178555	3240328	3182902	3200595	1.08	cps
Bismuth	209-1	14466026	14593438	14522969	14527478	0.44	cps
Bismuth	209-2	9131247	9356799	9244878	9244308	1.22	cps
Boron	10-1	667463	690685	697638	685262	2.31	cps
Boron	11-1	3204441	3259046	3267818	3243768	1.06	cps
Cadmium	111-1	3231580	3257144	3256074	3248266	0.45	cps
Cadmium	106-1	382571	387232	386327	385377	0.64	cps
Cadmium	108-1	252866	256406	251758	253676	0.96	cps
Calcium	43-1	3760663	3851367	3804548	3805526	1.19	cps
Calcium	44-1	59435189	60954639	58639618	59676482	1.97	cps
Chromium	52-2	4564179	4525360	4541618	4543719	0.43	cps
Cobalt	59-2	7520704	7543311	7491406	7518473	0.35	cps
Copper	63-2	10570833	10570297	10522998	10554709	0.26	cps
Dysprosium	156-1	242	325	233	267	19.01	cps
Dysprosium	156-2	183	217	233	211	12.06	cps
Erbium	164-1	50	67	92	69	30.20	cps
Erbium	164-2	50	67	40	52	25.80	cps
Gadolinium	160-1	233	317	242	264	17.39	cps
Gadolinium	160-2	420	427	427	424	0.91	cps
Holmium	165-1	22324362	22562294	22603990	22496882	0.67	cps
Holmium	165-2	12772522	13011119	12892736	12892126	0.93	cps
Indium	115-1	18135794	17820563	17936402	17964253	0.89	cps
Indium	115-2	4312496	4404980	4403083	4373520	1.21	cps
Iron	56-2	207163727	209281544	208670860	208372044	0.52	cps
Iron	57-2	5039740	5101336	5048047	5063041	0.66	cps
Krypton	83-1	1667	1877	1747	1763	6.01	cps
Lead	206-1	8584753	8769774	8534838	8629788	1.43	cps
Lead	207-1	7719703	7878045	7682544	7760097	1.34	cps
Lead	208-1	34649180	35427395	34761049	34945875	1.20	cps
Lithium	6-1	5714438	5744111	5679762	5712770	0.56	cps
Magnesium	24-2	38947468	38541934	38061989	38517130	1.15	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	PB117247BS	Instrumnet Name :	P7
Client Sample ID :	PB117247BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:03:23	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5850813	5820453	5800381	5823882	0.44	cps
Molybdenum	94-1	23530566	23612442	23702114	23615041	0.36	cps
Molybdenum	95-1	30010426	30120263	29879082	30003257	0.40	cps
Molybdenum	96-1	33256213	33371332	32456399	33027981	1.51	cps
Molybdenum	97-1	18389921	18629667	18462440	18494009	0.66	cps
Molybdenum	98-1	47128335	48174084	47836042	47712821	1.12	cps
Neodymium	150-1	1047	1140	1120	1102	4.46	cps
Neodymium	150-2	143	150	127	140	8.58	cps
Nickel	60-2	1939434	1953861	1957218	1950171	0.48	cps
Phosphorus	31-2	219261	219985	220517	219921	0.29	cps
Potassium	39-2	18374445	18464574	18143079	18327366	0.90	cps
Rhodium	103-1	17262047	17489082	17353194	17368108	0.66	cps
Rhodium	103-2	9512595	9606197	9623596	9580796	0.62	cps
Scandium	45-1	12832943	12797212	12867859	12832671	0.28	cps
Scandium	45-2	732592	729583	731597	731257	0.21	cps
Selenium	77-2	16950	17020	16553	16841	1.50	cps
Selenium	78-2	56406	57210	56822	56813	0.71	cps
Selenium	82-1	277824	281305	276560	278563	0.88	cps
Silicon	28-1	8990830	9238148	9165824	9131600	1.39	cps
Silver	109-1	15098684	15248340	15212305	15186443	0.51	cps
Silver	107-1	16042133	16220780	16058934	16107282	0.61	cps
Sodium	23-2	72935225	73256275	72777883	72989794	0.33	cps
Strontium	86-1	4155749	4145190	4155679	4152206	0.15	cps
Strontium	88-1	36376030	36595121	35887590	36286247	1.00	cps
Sulfur	34-1	2442073	2409918	2370189	2407393	1.50	cps
Terbium	159-1	23017637	23210937	23353900	23194158	0.73	cps
Terbium	159-2	13039691	13133605	13149919	13107739	0.45	cps
Thallium	203-1	10685220	10758549	10633447	10692406	0.59	cps
Thallium	205-1	25307369	25670742	25078550	25352220	1.18	cps
Thorium	232-1	36571959	37813347	36733561	37039622	1.82	cps
Tin	118-1	9313050	9401398	9323525	9345991	0.52	cps
Titanium	47-1	8957007	9039120	8907686	8967938	0.74	cps
Uranium	238-1	35758947	36699427	36371758	36276711	1.32	cps
Vanadium	51-2	3596071	3625473	3615254	3612266	0.41	cps
Yttrium	89-1	19128581	19174909	19168967	19157486	0.13	cps
Yttrium	89-2	3397855	3441700	3404067	3414541	0.69	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	PB117247BS	Instrumnet Name :	P7
Client Sample ID :	PB117247BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:03:23	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1669985	1690557	1672295	1677612	0.67	cps
Zirconium	90-1	18641876	18474009	18397052	18504313	0.68	cps
Zirconium	91-1	3979666	4092782	4058675	4043708	1.43	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-01	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:07:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42247416	41848900	42081360	42059225	0.48	cps
Antimony	121-1	5460	4768	4976	5068	7.00	cps
Arsenic	75-2	184450	185540	185224	185072	0.30	cps
Barium	135-1	5769722	5871663	5796863	5812749	0.91	cps
Barium	137-1	10294233	10170277	10239054	10234521	0.61	cps
Beryllium	9-1	56669	56659	57401	56910	0.75	cps
Bismuth	209-1	13340597	13275207	13387286	13334363	0.42	cps
Bismuth	209-2	8809907	8737436	9008632	8851992	1.59	cps
Boron	10-1	99285	100650	97632	99189	1.52	cps
Boron	11-1	485594	482606	471689	479963	1.53	cps
Cadmium	111-1	28980	28763	28394	28712	1.03	cps
Cadmium	106-1	34059	33766	33273	33699	1.18	cps
Cadmium	108-1	4972	4805	5239	5005	4.37	cps
Calcium	43-1	1364768	1369477	1373382	1369209	0.32	cps
Calcium	44-1	21489722	21375079	21439087	21434629	0.27	cps
Chromium	52-2	2161772	2122931	2173824	2152842	1.24	cps
Cobalt	59-2	2857394	2833129	2860314	2850279	0.52	cps
Copper	63-2	1256469	1253557	1274836	1261621	0.91	cps
Dysprosium	156-1	651993	646767	673377	657379	2.14	cps
Dysprosium	156-2	389985	385058	392892	389312	1.02	cps
Erbium	164-1	579400	584509	582401	582103	0.44	cps
Erbium	164-2	335536	329713	340014	335088	1.54	cps
Gadolinium	160-1	652016	657068	666945	658676	1.15	cps
Gadolinium	160-2	428591	423833	429973	427466	0.75	cps
Holmium	165-1	21874270	21665345	21645860	21728492	0.58	cps
Holmium	165-2	12749674	12655860	12897251	12767595	0.95	cps
Indium	115-1	17509095	17324883	17532137	17455372	0.65	cps
Indium	115-2	4325404	4308867	4381796	4338689	0.88	cps
Iron	56-2	2606099969	2605236325	2620314014	2610550103	0.32	cps
Iron	57-2	64505236	63801849	63965044	64090710	0.57	cps
Krypton	83-1	2580	2730	2894	2735	5.73	cps
Lead	206-1	1356949	1382707	1370149	1369935	0.94	cps
Lead	207-1	1123238	1122492	1150003	1131911	1.38	cps
Lead	208-1	5310069	5318818	5374456	5334448	0.65	cps
Lithium	6-1	6259498	6173387	6252826	6228570	0.77	cps
Magnesium	24-2	58466095	57482201	58032176	57993491	0.85	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-01	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:07:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	54250308	54232816	54796003	54426375	0.59	cps
Molybdenum	94-1	976548	981237	986690	981492	0.52	cps
Molybdenum	95-1	75769	74311	72920	74333	1.92	cps
Molybdenum	96-1	258807	258407	260581	259265	0.45	cps
Molybdenum	97-1	46770	44487	45599	45619	2.50	cps
Molybdenum	98-1	117895	113274	115525	115565	2.00	cps
Neodymium	150-1	571320	582740	589079	581046	1.55	cps
Neodymium	150-2	276568	276381	279468	277473	0.62	cps
Nickel	60-2	1438368	1426989	1443366	1436241	0.58	cps
Phosphorus	31-2	45998	46774	46975	46582	1.11	cps
Potassium	39-2	20958735	20564748	21042346	20855277	1.22	cps
Rhodium	103-1	16573728	16228731	16738892	16513783	1.58	cps
Rhodium	103-2	9316479	9249039	9441006	9335508	1.04	cps
Scandium	45-1	14294812	14048721	14171087	14171540	0.87	cps
Scandium	45-2	827017	813095	832851	824321	1.23	cps
Selenium	77-2	2254	2364	2224	2280	3.23	cps
Selenium	78-2	2028	1863	1867	1919	4.90	cps
Selenium	82-1	1367	1485	1300	1384	6.79	cps
Silicon	28-1	10532824	8917737	9244490	9565017	8.93	cps
Silver	109-1	3217	2809	2859	2962	7.52	cps
Silver	107-1	6468	5868	6694	6343	6.73	cps
Sodium	23-2	3090338	3059431	3142885	3097551	1.36	cps
Strontium	86-1	1868395	1863241	1910130	1880589	1.37	cps
Strontium	88-1	16410275	16485430	16636527	16510744	0.70	cps
Sulfur	34-1	789967	782555	774313	782278	1.00	cps
Terbium	159-1	22665752	22121280	22495344	22427459	1.24	cps
Terbium	159-2	13102865	12855679	13238686	13065744	1.49	cps
Thallium	203-1	54965	55860	53609	54811	2.07	cps
Thallium	205-1	129515	135850	131059	132141	2.50	cps
Thorium	232-1	3844223	3867368	3903315	3871635	0.77	cps
Tin	118-1	24873	24756	26292	25307	3.38	cps
Titanium	47-1	2114342	2094122	2117784	2108749	0.61	cps
Uranium	238-1	732174	736531	745993	738233	0.96	cps
Vanadium	51-2	6899196	6838405	6964395	6900666	0.91	cps
Yttrium	89-1	25891223	25702480	26063237	25885647	0.70	cps
Yttrium	89-2	4737257	4683187	4728114	4716186	0.61	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-01	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:07:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1259635	1271512	1273023	1268057	0.58	cps
Zirconium	90-1	2556898	2579029	2620278	2585402	1.24	cps
Zirconium	91-1	570523	574690	580287	575167	0.85	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-02	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:10:40	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37770847	37736924	37900741	37802837	0.23	cps
Antimony	121-1	2375	2267	2042	2228	7.63	cps
Arsenic	75-2	31625	31415	31473	31505	0.34	cps
Barium	135-1	4568991	4598377	4621284	4596217	0.57	cps
Barium	137-1	8002870	8122656	8099327	8074951	0.79	cps
Beryllium	9-1	49256	49036	48614	48969	0.67	cps
Bismuth	209-1	14136716	14208847	14328975	14224846	0.68	cps
Bismuth	209-2	9223520	9091013	9109819	9141451	0.78	cps
Boron	10-1	60028	62882	62112	61674	2.39	cps
Boron	11-1	295432	303324	298821	299192	1.32	cps
Cadmium	111-1	23407	24292	24875	24191	3.06	cps
Cadmium	106-1	31645	33248	34242	33045	3.97	cps
Cadmium	108-1	4588	4701	4630	4640	1.23	cps
Calcium	43-1	1070473	1075778	1067546	1071266	0.39	cps
Calcium	44-1	16996629	17054507	16840228	16963788	0.65	cps
Chromium	52-2	2082826	2089964	2127535	2100109	1.14	cps
Cobalt	59-2	2043319	2088673	2091501	2074497	1.30	cps
Copper	63-2	1350624	1373565	1366170	1363453	0.86	cps
Dysprosium	156-1	634382	641945	639314	638547	0.60	cps
Dysprosium	156-2	373750	374821	381748	376773	1.15	cps
Erbium	164-1	540072	550744	549604	546807	1.07	cps
Erbium	164-2	310162	309329	313356	310949	0.68	cps
Gadolinium	160-1	642307	647787	642218	644104	0.50	cps
Gadolinium	160-2	414681	411942	415671	414098	0.47	cps
Holmium	165-1	22680075	22573952	22500502	22584843	0.40	cps
Holmium	165-2	13140732	13146291	13218189	13168404	0.33	cps
Indium	115-1	18148108	17908603	17908377	17988363	0.77	cps
Indium	115-2	4410077	4474483	4495415	4459992	1.00	cps
Iron	56-2	1620112925	1622142392	1610209236	1617488184	0.39	cps
Iron	57-2	39471780	39801641	40127623	39800348	0.82	cps
Krypton	83-1	2790	2804	2820	2805	0.54	cps
Lead	206-1	1541651	1565198	1567564	1558137	0.92	cps
Lead	207-1	1279854	1290009	1298024	1289296	0.71	cps
Lead	208-1	6051237	6138052	6154662	6114650	0.91	cps
Lithium	6-1	6403123	6343904	6331716	6359581	0.60	cps
Magnesium	24-2	53493011	52961415	53430147	53294857	0.55	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-02	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:10:40	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	42764763	42778194	42978181	42840379	0.28	cps
Molybdenum	94-1	1021011	1030284	1031913	1027736	0.57	cps
Molybdenum	95-1	69880	68942	68674	69166	0.92	cps
Molybdenum	96-1	250735	250342	249297	250125	0.30	cps
Molybdenum	97-1	41370	42264	41429	41687	1.20	cps
Molybdenum	98-1	106782	109469	108821	108358	1.29	cps
Neodymium	150-1	623021	626335	631668	627008	0.70	cps
Neodymium	150-2	295041	297279	296938	296419	0.41	cps
Nickel	60-2	1226970	1236291	1233657	1232306	0.39	cps
Phosphorus	31-2	63018	62816	63603	63146	0.65	cps
Potassium	39-2	15362727	15332848	15336659	15344078	0.11	cps
Rhodium	103-1	17289032	17301487	17168686	17253068	0.43	cps
Rhodium	103-2	9622362	9656478	9677741	9652194	0.29	cps
Scandium	45-1	14863207	14834404	14777122	14824911	0.30	cps
Scandium	45-2	848922	848786	851465	849724	0.18	cps
Selenium	77-2	2304	2470	2210	2328	5.66	cps
Selenium	78-2	1752	1915	1833	1833	4.44	cps
Selenium	82-1	1097	1071	1148	1105	3.56	cps
Silicon	28-1	5591633	5302905	5738816	5544451	4.00	cps
Silver	109-1	1942	1834	1767	1847	4.78	cps
Silver	107-1	5276	5268	5293	5279	0.24	cps
Sodium	23-2	3371568	3381399	3355895	3369621	0.38	cps
Strontium	86-1	1117952	1133064	1115723	1122247	0.84	cps
Strontium	88-1	9778537	9842149	9793591	9804759	0.34	cps
Sulfur	34-1	759795	752153	758294	756748	0.54	cps
Terbium	159-1	23430000	23545859	23258210	23411356	0.62	cps
Terbium	159-2	13340487	13403503	13428766	13390919	0.34	cps
Thallium	203-1	36318	36585	35214	36039	2.02	cps
Thallium	205-1	84359	86037	85769	85388	1.06	cps
Thorium	232-1	3178537	3226852	3231290	3212226	0.91	cps
Tin	118-1	43702	43410	42834	43315	1.02	cps
Titanium	47-1	2856734	2892575	2827405	2858905	1.14	cps
Uranium	238-1	585225	580075	590386	585229	0.88	cps
Vanadium	51-2	2206428	2191759	2202437	2200208	0.34	cps
Yttrium	89-1	25850258	25599748	25629566	25693191	0.53	cps
Yttrium	89-2	4633148	4702297	4692800	4676082	0.80	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-02	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:10:40	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1236706	1240361	1244052	1240373	0.30	cps
Zirconium	90-1	2718962	2746409	2741755	2735709	0.54	cps
Zirconium	91-1	606240	609001	601438	605560	0.63	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:14:18	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14247238	14446108	14246298	14313215	0.80	cps
Antimony	121-1	850	925	850	875	4.95	cps
Arsenic	75-2	39099	39138	38831	39023	0.43	cps
Barium	135-1	2123297	2136512	2139711	2133173	0.41	cps
Barium	137-1	3716702	3769207	3766093	3750667	0.79	cps
Beryllium	9-1	28691	28243	28096	28343	1.09	cps
Bismuth	209-1	15241670	15285991	15031576	15186412	0.89	cps
Bismuth	209-2	9651683	9797345	9718602	9722543	0.75	cps
Boron	10-1	27384	27960	27634	27659	1.04	cps
Boron	11-1	130346	131560	133125	131677	1.06	cps
Cadmium	111-1	17432	17856	18161	17816	2.05	cps
Cadmium	106-1	23345	24130	24823	24099	3.07	cps
Cadmium	108-1	2175	2342	2504	2341	7.03	cps
Calcium	43-1	616259	622750	618047	619019	0.54	cps
Calcium	44-1	9739498	9835686	9900721	9825302	0.83	cps
Chromium	52-2	1153159	1162166	1155257	1156861	0.41	cps
Cobalt	59-2	1358920	1375313	1366864	1367032	0.60	cps
Copper	63-2	658703	662311	659395	660136	0.29	cps
Dysprosium	156-1	342109	349074	349055	346746	1.16	cps
Dysprosium	156-2	186834	188530	185705	187023	0.76	cps
Erbium	164-1	231917	233947	234287	233384	0.55	cps
Erbium	164-2	132172	130652	129414	130746	1.06	cps
Gadolinium	160-1	268439	269048	269535	269007	0.20	cps
Gadolinium	160-2	170333	171557	170465	170785	0.39	cps
Holmium	165-1	23441652	23309465	23278161	23343093	0.37	cps
Holmium	165-2	13304894	13520937	13481089	13435640	0.86	cps
Indium	115-1	19104144	19038209	19063847	19068733	0.17	cps
Indium	115-2	4572387	4694085	4629750	4632074	1.31	cps
Iron	56-2	841320485	838999352	823537218	834619019	1.16	cps
Iron	57-2	20661866	20794083	20439750	20631900	0.87	cps
Krypton	83-1	2164	2180	2230	2191	1.58	cps
Lead	206-1	650020	655265	653474	652919	0.41	cps
Lead	207-1	526771	536580	533010	532120	0.93	cps
Lead	208-1	2505255	2548313	2527424	2526998	0.85	cps
Lithium	6-1	6264480	6278086	6267897	6270154	0.11	cps
Magnesium	24-2	28239618	28703169	28274564	28405784	0.91	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:14:18	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24781421	24479236	24664018	24641559	0.62	cps
Molybdenum	94-1	479623	476776	482062	479487	0.55	cps
Molybdenum	95-1	13649	14541	14558	14249	3.65	cps
Molybdenum	96-1	99589	99068	101010	99889	1.01	cps
Molybdenum	97-1	7861	9178	8211	8417	8.11	cps
Molybdenum	98-1	21417	21901	21834	21717	1.21	cps
Neodymium	150-1	495872	510754	503780	503469	1.48	cps
Neodymium	150-2	230971	238067	233343	234127	1.54	cps
Nickel	60-2	573009	575332	579437	575926	0.57	cps
Phosphorus	31-2	41475	42077	40882	41478	1.44	cps
Potassium	39-2	3805072	3927196	3869764	3867344	1.58	cps
Rhodium	103-1	18471558	18528129	18245445	18415044	0.81	cps
Rhodium	103-2	9996117	10203027	10098641	10099261	1.02	cps
Scandium	45-1	14111856	14070674	14159869	14114133	0.32	cps
Scandium	45-2	793016	804206	797201	798141	0.71	cps
Selenium	77-2	1127	1120	1303	1183	8.79	cps
Selenium	78-2	1057	1141	1111	1103	3.83	cps
Selenium	82-1	594	441	532	522	14.69	cps
Silicon	28-1	7274051	7009623	7234948	7172874	1.99	cps
Silver	109-1	1267	1175	1300	1247	5.19	cps
Silver	107-1	3050	2650	2892	2864	7.03	cps
Sodium	23-2	915805	925299	907801	916302	0.96	cps
Strontium	86-1	484366	478591	489349	484102	1.11	cps
Strontium	88-1	4183347	4243868	4199066	4208760	0.75	cps
Sulfur	34-1	726309	735101	734756	732055	0.68	cps
Terbium	159-1	24563925	24467566	24215610	24415700	0.74	cps
Terbium	159-2	13625615	13749616	13800000	13725077	0.65	cps
Thallium	203-1	11330	10847	11322	11166	2.48	cps
Thallium	205-1	26728	26302	27121	26717	1.53	cps
Thorium	232-1	1494466	1502455	1552472	1516464	2.07	cps
Tin	118-1	5910	6085	6402	6132	4.07	cps
Titanium	47-1	1571174	1583978	1579059	1578070	0.41	cps
Uranium	238-1	288930	287813	285119	287287	0.68	cps
Vanadium	51-2	1317035	1330409	1319467	1322304	0.54	cps
Yttrium	89-1	22698723	23089247	22873160	22887044	0.85	cps
Yttrium	89-2	4047700	4096743	4069292	4071245	0.60	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:14:18	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	617003	621080	619956	619346	0.34	cps
Zirconium	90-1	1293917	1308369	1317562	1306616	0.91	cps
Zirconium	91-1	290687	289004	290121	289938	0.30	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:17:58	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14215540	13843094	14160233	14072956	1.43	cps
Antimony	121-1	608	575	633	606	4.83	cps
Arsenic	75-2	38120	37699	38001	37940	0.57	cps
Barium	135-1	2067015	2080599	2098431	2082015	0.76	cps
Barium	137-1	3656179	3630840	3579276	3622098	1.08	cps
Beryllium	9-1	27709	27539	27839	27695	0.54	cps
Bismuth	209-1	14980030	14896497	14785962	14887496	0.65	cps
Bismuth	209-2	9608982	9557794	9534898	9567224	0.40	cps
Boron	10-1	24379	26124	25915	25473	3.74	cps
Boron	11-1	120438	118194	122131	120254	1.64	cps
Cadmium	111-1	17422	17497	16906	17275	1.86	cps
Cadmium	106-1	23620	23579	22861	23353	1.83	cps
Cadmium	108-1	2334	2279	2554	2389	6.10	cps
Calcium	43-1	590083	597599	606240	597974	1.35	cps
Calcium	44-1	9545684	9515224	9652523	9571143	0.75	cps
Chromium	52-2	1123135	1130054	1122890	1125360	0.36	cps
Cobalt	59-2	1349677	1336420	1347300	1344465	0.53	cps
Copper	63-2	643524	647314	646170	645669	0.30	cps
Dysprosium	156-1	337778	336001	340054	337944	0.60	cps
Dysprosium	156-2	184653	180203	183331	182729	1.25	cps
Erbium	164-1	227984	226230	229048	227754	0.62	cps
Erbium	164-2	127802	128169	130299	128757	1.05	cps
Gadolinium	160-1	263541	263553	267785	264960	0.92	cps
Gadolinium	160-2	168059	165619	168342	167340	0.89	cps
Holmium	165-1	22902765	23015216	22993450	22970477	0.26	cps
Holmium	165-2	13350914	13218749	13234207	13267957	0.54	cps
Indium	115-1	18493742	18497684	18697923	18563117	0.63	cps
Indium	115-2	4500290	4473402	4483006	4485566	0.30	cps
Iron	56-2	823198130	815398440	822388729	820328433	0.52	cps
Iron	57-2	20229952	20099206	20078138	20135765	0.41	cps
Krypton	83-1	2244	2170	2260	2225	2.15	cps
Lead	206-1	643197	644330	651467	646331	0.69	cps
Lead	207-1	526305	529941	535192	530479	0.84	cps
Lead	208-1	2493378	2489574	2532359	2505103	0.95	cps
Lithium	6-1	6160354	6113164	6143867	6139128	0.39	cps
Magnesium	24-2	27780958	27184265	27528347	27497857	1.09	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:17:58	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24354557	24083096	24115891	24184515	0.61	cps
Molybdenum	94-1	457553	463009	470288	463617	1.38	cps
Molybdenum	95-1	14324	14600	13857	14260	2.63	cps
Molybdenum	96-1	96711	98397	99798	98302	1.57	cps
Molybdenum	97-1	8353	8453	8319	8375	0.83	cps
Molybdenum	98-1	20899	22068	21609	21525	2.74	cps
Neodymium	150-1	489639	493879	494451	492656	0.53	cps
Neodymium	150-2	229673	227771	226827	228090	0.64	cps
Nickel	60-2	561207	569813	563855	564958	0.78	cps
Phosphorus	31-2	41158	40406	40807	40790	0.92	cps
Potassium	39-2	3809179	3760541	3769419	3779713	0.69	cps
Rhodium	103-1	18044710	18103982	17773745	17974146	0.98	cps
Rhodium	103-2	9990212	9830664	9910664	9910513	0.80	cps
Scandium	45-1	13618579	13564413	13827680	13670224	1.02	cps
Scandium	45-2	773590	769415	771726	771577	0.27	cps
Selenium	77-2	1160	1250	1090	1167	6.88	cps
Selenium	78-2	1083	1072	1057	1071	1.21	cps
Selenium	82-1	473	484	399	452	10.20	cps
Silicon	28-1	5699003	7927462	5601668	6409378	20.53	cps
Silver	109-1	1250	1267	1283	1267	1.32	cps
Silver	107-1	2867	2609	2717	2731	4.75	cps
Sodium	23-2	884978	873644	884443	881022	0.73	cps
Strontium	86-1	473172	472383	474317	473291	0.21	cps
Strontium	88-1	4105088	4104061	4136289	4115146	0.45	cps
Sulfur	34-1	722098	728848	728556	726501	0.53	cps
Terbium	159-1	24072390	23670525	23850717	23864544	0.84	cps
Terbium	159-2	13536914	13355688	13425693	13439431	0.68	cps
Thallium	203-1	11097	10821	10288	10735	3.83	cps
Thallium	205-1	26728	27221	25851	26600	2.61	cps
Thorium	232-1	1490222	1477376	1511631	1493076	1.16	cps
Tin	118-1	6027	5476	6043	5849	5.52	cps
Titanium	47-1	1507797	1527926	1531478	1522400	0.84	cps
Uranium	238-1	279999	286066	285142	283736	1.15	cps
Vanadium	51-2	1289506	1285316	1290230	1288351	0.21	cps
Yttrium	89-1	22412962	22297426	22401521	22370636	0.28	cps
Yttrium	89-2	3992549	3972437	3955048	3973345	0.47	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:17:58	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	607085	608973	609343	608467	0.20	cps
Zirconium	90-1	1278831	1291134	1286503	1285489	0.48	cps
Zirconium	91-1	282047	284231	281452	282577	0.52	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:21:37	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2705441	2712020	2738528	2718663	0.64	cps
Antimony	121-1	525	367	517	469	18.98	cps
Arsenic	75-2	7458	7467	7795	7573	2.54	cps
Barium	135-1	403407	405085	398668	402387	0.83	cps
Barium	137-1	714156	703232	715928	711105	0.97	cps
Beryllium	9-1	5604	5691	5631	5642	0.79	cps
Bismuth	209-1	15330833	15468644	15355010	15384829	0.48	cps
Bismuth	209-2	9797901	9791031	9827493	9805475	0.20	cps
Boron	10-1	9937	9403	9612	9651	2.79	cps
Boron	11-1	46849	46097	45780	46242	1.19	cps
Cadmium	111-1	11175	11207	12178	11520	4.95	cps
Cadmium	106-1	15759	15759	17002	16174	4.44	cps
Cadmium	108-1	629	500	463	531	16.48	cps
Calcium	43-1	118692	119104	119700	119165	0.43	cps
Calcium	44-1	2068320	2047609	2033784	2049904	0.85	cps
Chromium	52-2	224616	224382	228288	225762	0.97	cps
Cobalt	59-2	264082	267702	267126	266303	0.73	cps
Copper	63-2	130025	130897	131727	130883	0.65	cps
Dysprosium	156-1	66270	65148	65214	65544	0.96	cps
Dysprosium	156-2	35282	36038	35884	35735	1.12	cps
Erbium	164-1	44524	44323	44366	44404	0.24	cps
Erbium	164-2	24796	25250	24916	24988	0.94	cps
Gadolinium	160-1	51541	51297	53205	52014	2.00	cps
Gadolinium	160-2	33247	33197	32893	33113	0.58	cps
Holmium	165-1	22396326	22569448	22529806	22498526	0.40	cps
Holmium	165-2	13086604	13039015	13017931	13047850	0.27	cps
Indium	115-1	18729503	18629512	18662090	18673702	0.27	cps
Indium	115-2	4491872	4570946	4547346	4536721	0.89	cps
Iron	56-2	157909576	157803426	161016798	158909933	1.15	cps
Iron	57-2	3892585	3901966	3913842	3902798	0.27	cps
Krypton	83-1	1987	1974	1877	1946	3.09	cps
Lead	206-1	127805	126447	127184	127145	0.53	cps
Lead	207-1	105220	105114	104756	105030	0.23	cps
Lead	208-1	497436	496191	497770	497132	0.17	cps
Lithium	6-1	5980818	5905515	5900224	5928852	0.76	cps
Magnesium	24-2	5390116	5483284	5531408	5468269	1.31	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:21:37	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4611976	4634574	4740331	4662294	1.47	cps
Molybdenum	94-1	91301	88877	89656	89945	1.38	cps
Molybdenum	95-1	3059	3109	2742	2970	6.70	cps
Molybdenum	96-1	19272	20081	18963	19439	2.97	cps
Molybdenum	97-1	1884	1800	1742	1809	3.94	cps
Molybdenum	98-1	3976	4192	4576	4248	7.15	cps
Neodymium	150-1	97832	94141	95827	95934	1.93	cps
Neodymium	150-2	44181	45763	44823	44922	1.77	cps
Nickel	60-2	112464	114984	113666	113705	1.11	cps
Phosphorus	31-2	8361	8678	8736	8592	2.35	cps
Potassium	39-2	785209	800363	786891	790821	1.05	cps
Rhodium	103-1	18533156	18287141	18302188	18374162	0.75	cps
Rhodium	103-2	10053108	10057873	10086306	10065762	0.18	cps
Scandium	45-1	13163402	13021697	12825756	13003618	1.30	cps
Scandium	45-2	731454	740354	745243	739017	0.95	cps
Selenium	77-2	207	227	280	238	15.94	cps
Selenium	78-2	350	344	381	359	5.57	cps
Selenium	82-1	19	38	90	49	74.55	cps
Silicon	28-1	1508746	1643772	1587599	1580039	4.29	cps
Silver	109-1	342	458	442	414	15.24	cps
Silver	107-1	800	842	892	845	5.43	cps
Sodium	23-2	248467	255227	250447	251380	1.38	cps
Strontium	86-1	97002	94879	96491	96124	1.15	cps
Strontium	88-1	815612	806463	805140	809072	0.70	cps
Sulfur	34-1	696193	697672	700989	698285	0.35	cps
Terbium	159-1	23637847	23377909	23435494	23483750	0.58	cps
Terbium	159-2	13218792	13226098	13293591	13246160	0.31	cps
Thallium	203-1	3034	2717	3159	2970	7.67	cps
Thallium	205-1	6460	6877	6877	6738	3.57	cps
Thorium	232-1	293309	291473	289558	291447	0.64	cps
Tin	118-1	2167	2400	2334	2300	5.23	cps
Titanium	47-1	295815	294806	295825	295482	0.20	cps
Uranium	238-1	55495	54791	54407	54898	1.00	cps
Vanadium	51-2	252268	250144	253818	252077	0.73	cps
Yttrium	89-1	20064798	19743126	19908708	19905544	0.81	cps
Yttrium	89-2	3543312	3538949	3574447	3552236	0.54	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:21:37	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	121927	123964	122301	122731	0.88	cps
Zirconium	90-1	244879	240628	250005	245171	1.92	cps
Zirconium	91-1	55358	53183	54982	54508	2.13	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:25:15	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21876317	21985743	21906296	21922786	0.26	cps
Antimony	121-1	3547441	3626348	3631245	3601678	1.31	cps
Arsenic	75-2	462039	466030	462983	463684	0.45	cps
Barium	135-1	14213573	14363848	14346223	14307881	0.57	cps
Barium	137-1	24786692	24802769	25051345	24880269	0.60	cps
Beryllium	9-1	2891631	2908803	2928128	2909521	0.63	cps
Bismuth	209-1	12932434	13254685	13229249	13138789	1.36	cps
Bismuth	209-2	8467872	8400090	8430009	8432657	0.40	cps
Boron	10-1	637285	653405	660093	650261	1.80	cps
Boron	11-1	3066593	3148117	3123272	3112660	1.34	cps
Cadmium	111-1	2855706	2887355	2887572	2876878	0.64	cps
Cadmium	106-1	347447	355367	361213	354676	1.95	cps
Cadmium	108-1	225982	230051	229331	228455	0.95	cps
Calcium	43-1	4054692	4103771	4142198	4100220	1.07	cps
Calcium	44-1	64089995	64388958	64565285	64348079	0.37	cps
Chromium	52-2	5589246	5625636	5581843	5598909	0.42	cps
Cobalt	59-2	8825500	8974037	8916161	8905232	0.84	cps
Copper	63-2	10764872	10801917	10819592	10795460	0.26	cps
Dysprosium	156-1	339505	345240	352579	345775	1.90	cps
Dysprosium	156-2	183679	183523	183588	183597	0.04	cps
Erbium	164-1	215275	218534	221710	218506	1.47	cps
Erbium	164-2	121731	122801	125437	123323	1.55	cps
Gadolinium	160-1	258867	261214	263743	261274	0.93	cps
Gadolinium	160-2	163768	166178	164914	164953	0.73	cps
Holmium	165-1	20946941	20784291	21177273	20969502	0.94	cps
Holmium	165-2	12248921	12221225	12265875	12245340	0.18	cps
Indium	115-1	16416428	16592055	16529034	16512506	0.54	cps
Indium	115-2	4040106	4102051	4051801	4064653	0.81	cps
Iron	56-2	1078190624	1080348580	1079377846	1079305683	0.10	cps
Iron	57-2	26234107	26691082	26516598	26480596	0.87	cps
Krypton	83-1	2034	2297	2167	2166	6.08	cps
Lead	206-1	8652215	8682994	8835580	8723596	1.13	cps
Lead	207-1	7524135	7525509	7693505	7581049	1.28	cps
Lead	208-1	34759580	34866961	35331338	34985960	0.87	cps
Lithium	6-1	5600608	5638527	5602144	5613760	0.38	cps
Magnesium	24-2	63573912	64395064	63942343	63970440	0.64	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:25:15	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	36029543	36511834	36102189	36214522	0.72	cps
Molybdenum	94-1	20419861	20541676	21000895	20654144	1.48	cps
Molybdenum	95-1	23712880	23717299	24074620	23834933	0.87	cps
Molybdenum	96-1	26509497	26679245	27070888	26753210	1.08	cps
Molybdenum	97-1	14776771	14682851	14962133	14807252	0.96	cps
Molybdenum	98-1	38325757	38562198	38592140	38493365	0.38	cps
Neodymium	150-1	489028	495755	501933	495572	1.30	cps
Neodymium	150-2	231175	233662	233780	232873	0.63	cps
Nickel	60-2	2404271	2405187	2392660	2400706	0.29	cps
Phosphorus	31-2	36913	35635	35101	35883	2.60	cps
Potassium	39-2	24434407	24672666	24310213	24472429	0.75	cps
Rhodium	103-1	15570008	15779589	15812628	15720742	0.84	cps
Rhodium	103-2	8843235	8869265	8882364	8864955	0.22	cps
Scandium	45-1	12430223	12593927	12709120	12577757	1.11	cps
Scandium	45-2	735417	745990	736349	739252	0.79	cps
Selenium	77-2	13190	13006	13373	13190	1.39	cps
Selenium	78-2	40976	41507	40882	41122	0.82	cps
Selenium	82-1	190794	192887	193004	192228	0.65	cps
Silicon	28-1	24371173	25047764	25561175	24993371	2.39	cps
Silver	109-1	13838241	14003691	14183187	14008373	1.23	cps
Silver	107-1	14624858	14554460	14609942	14596420	0.25	cps
Sodium	23-2	72639725	72833685	72620014	72697808	0.16	cps
Strontium	86-1	3934446	3980146	3970585	3961726	0.61	cps
Strontium	88-1	35426463	35161025	34878224	35155237	0.78	cps
Sulfur	34-1	729530	732540	721783	727951	0.76	cps
Terbium	159-1	21414463	21608206	21672787	21565152	0.62	cps
Terbium	159-2	12496495	12521289	12529583	12515789	0.14	cps
Thallium	203-1	9909489	9791646	9942799	9881312	0.80	cps
Thallium	205-1	22988490	23408005	23832931	23409809	1.80	cps
Thorium	232-1	1562397	1568356	1585656	1572136	0.77	cps
Tin	118-1	6366120	6396262	6356261	6372881	0.33	cps
Titanium	47-1	9122616	9182525	9385504	9230215	1.49	cps
Uranium	238-1	35328637	35679995	34977223	35328618	0.99	cps
Vanadium	51-2	5311783	5369286	5293743	5324937	0.74	cps
Yttrium	89-1	20124336	20321236	20108535	20184702	0.59	cps
Yttrium	89-2	3643395	3683663	3642246	3656435	0.65	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:25:15	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2075928	2082658	2103877	2087488	0.70	cps
Zirconium	90-1	19590974	19596630	19872116	19686573	0.82	cps
Zirconium	91-1	4314947	4296326	4410004	4340426	1.40	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MSD	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:28:53	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19552542	19454776	19507671	19504997	0.25	cps
Antimony	121-1	3925238	3953859	4027978	3969025	1.34	cps
Arsenic	75-2	470099	472658	475309	472689	0.55	cps
Barium	135-1	14093063	14113612	14297461	14168045	0.79	cps
Barium	137-1	24750111	24369221	24815867	24645067	0.98	cps
Beryllium	9-1	2941107	2933056	2988407	2954190	1.01	cps
Bismuth	209-1	13166003	13283951	13495636	13315197	1.25	cps
Bismuth	209-2	8463357	8433638	8620525	8505840	1.18	cps
Boron	10-1	677817	677551	707945	687771	2.54	cps
Boron	11-1	3200082	3269035	3382126	3283748	2.80	cps
Cadmium	111-1	2912112	2924972	2989217	2942100	1.40	cps
Cadmium	106-1	354142	361184	365350	360226	1.57	cps
Cadmium	108-1	229651	234132	233194	232326	1.02	cps
Calcium	43-1	4064547	4053723	4108940	4075737	0.72	cps
Calcium	44-1	63323347	63084128	63497272	63301583	0.33	cps
Chromium	52-2	5434695	5417763	5455079	5435846	0.34	cps
Cobalt	59-2	8596474	8626547	8723081	8648701	0.76	cps
Copper	63-2	10824397	10741832	10884702	10816977	0.66	cps
Dysprosium	156-1	299858	298176	310284	302773	2.17	cps
Dysprosium	156-2	160420	162345	164042	162269	1.12	cps
Erbium	164-1	198700	197820	203864	200128	1.63	cps
Erbium	164-2	112858	113817	114509	113728	0.73	cps
Gadolinium	160-1	235287	233889	239935	236370	1.34	cps
Gadolinium	160-2	148634	150858	151117	150203	0.91	cps
Holmium	165-1	21195963	20888050	21608962	21230992	1.70	cps
Holmium	165-2	12183654	12104127	12447478	12245086	1.47	cps
Indium	115-1	16590573	16448013	16735208	16591265	0.87	cps
Indium	115-2	4046834	4071128	4110057	4076006	0.78	cps
Iron	56-2	958065355	957357799	969919533	961780896	0.73	cps
Iron	57-2	23717301	23745194	24105890	23856128	0.91	cps
Krypton	83-1	2110	2167	2154	2144	1.38	cps
Lead	206-1	9012260	8840614	9181635	9011503	1.89	cps
Lead	207-1	7854093	7762153	7875407	7830551	0.77	cps
Lead	208-1	35951915	35672792	36585996	36070234	1.30	cps
Lithium	6-1	5606788	5550835	5617575	5591732	0.64	cps
Magnesium	24-2	58024372	58042301	59252135	58439603	1.20	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MSD	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:28:53	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31667842	31722835	31766388	31719022	0.16	cps
Molybdenum	94-1	21413983	21009723	21568847	21330851	1.35	cps
Molybdenum	95-1	24783577	24698890	25089250	24857239	0.83	cps
Molybdenum	96-1	27417532	27683458	28122388	27741126	1.28	cps
Molybdenum	97-1	15330653	15171614	15488773	15330347	1.03	cps
Molybdenum	98-1	39646640	39329208	40242901	39739583	1.17	cps
Neodymium	150-1	434011	437308	447910	439743	1.65	cps
Neodymium	150-2	200722	203278	206913	203638	1.53	cps
Nickel	60-2	2307259	2297567	2319326	2308051	0.47	cps
Phosphorus	31-2	33071	33597	33597	33422	0.91	cps
Potassium	39-2	23364902	24006359	23929282	23766848	1.47	cps
Rhodium	103-1	15865071	15844749	16275465	15995095	1.52	cps
Rhodium	103-2	8860791	8914501	8951844	8909045	0.51	cps
Scandium	45-1	12483382	12461797	12803670	12582950	1.52	cps
Scandium	45-2	724863	721257	732084	726068	0.76	cps
Selenium	77-2	12959	13386	13627	13324	2.54	cps
Selenium	78-2	42016	42397	43283	42565	1.53	cps
Selenium	82-1	201747	201368	205643	202919	1.17	cps
Silicon	28-1	24852160	24756121	25217530	24941937	0.98	cps
Silver	109-1	14243857	14542106	14403888	14396617	1.04	cps
Silver	107-1	15096190	15058686	15234196	15129691	0.61	cps
Sodium	23-2	72224750	73343256	73766414	73111473	1.09	cps
Strontium	86-1	3975988	3965054	4026887	3989309	0.83	cps
Strontium	88-1	35125796	34334155	34819245	34759732	1.15	cps
Sulfur	34-1	702263	690006	692156	694809	0.94	cps
Terbium	159-1	21858961	21752063	22033291	21881438	0.65	cps
Terbium	159-2	12387491	12406998	12706426	12500305	1.43	cps
Thallium	203-1	10092607	10122486	10398281	10204458	1.65	cps
Thallium	205-1	24056080	24183660	24800572	24346771	1.64	cps
Thorium	232-1	1362751	1366634	1391098	1373494	1.12	cps
Tin	118-1	6809345	6671205	6824151	6768234	1.25	cps
Titanium	47-1	9389010	9486116	9490287	9455138	0.61	cps
Uranium	238-1	36396027	36625627	36958363	36660006	0.77	cps
Vanadium	51-2	4924834	4986473	4951946	4954417	0.62	cps
Yttrium	89-1	20261208	20008915	20334927	20201683	0.85	cps
Yttrium	89-2	3576523	3612927	3667786	3619079	1.27	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MSD	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:28:53	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1981767	2010696	2011905	2001456	0.85	cps
Zirconium	90-1	20177613	20473859	20476530	20376001	0.84	cps
Zirconium	91-1	4431027	4454601	4529004	4471544	1.14	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:32:47	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18692296	18842470	18802471	18779079	0.41	cps
Antimony	121-1	9165996	9144246	9024845	9111696	0.83	cps
Arsenic	75-2	471246	476968	476066	474760	0.65	cps
Barium	135-1	12008693	12155768	11917904	12027455	1.00	cps
Barium	137-1	21154376	21175739	20828247	21052787	0.93	cps
Beryllium	9-1	2900580	2912227	2929778	2914195	0.50	cps
Bismuth	209-1	13007429	13092141	13024364	13041311	0.34	cps
Bismuth	209-2	8323184	8307801	8266529	8299171	0.35	cps
Boron	10-1	641193	655838	669463	655498	2.16	cps
Boron	11-1	3031159	3121972	3161449	3104860	2.15	cps
Cadmium	111-1	3127375	3134112	3124882	3128790	0.15	cps
Cadmium	106-1	370785	373937	376151	373625	0.72	cps
Cadmium	108-1	244246	248669	246437	246451	0.90	cps
Calcium	43-1	17799504	18135296	18017493	17984098	0.95	cps
Calcium	44-1	280180548	285281581	282875806	282779312	0.90	cps
Chromium	52-2	4521128	4546066	4549435	4538876	0.34	cps
Cobalt	59-2	7324532	7331469	7386443	7347481	0.46	cps
Copper	63-2	10387188	10482774	10449849	10439937	0.47	cps
Dysprosium	156-1	558	392	450	467	18.12	cps
Dysprosium	156-2	347	340	337	341	1.49	cps
Erbium	164-1	167	167	142	158	9.12	cps
Erbium	164-2	77	67	90	78	15.05	cps
Gadolinium	160-1	242	408	383	344	26.10	cps
Gadolinium	160-2	470	470	477	472	0.81	cps
Holmium	165-1	22245870	22143701	22169589	22186386	0.24	cps
Holmium	165-2	12648719	12767886	12605419	12674008	0.66	cps
Indium	115-1	17301062	17094966	17010581	17135536	0.87	cps
Indium	115-2	4216934	4257527	4199434	4224632	0.71	cps
Iron	56-2	1015536645	1024196756	1020900489	1020211297	0.43	cps
Iron	57-2	25192837	25449138	25186630	25276202	0.59	cps
Krypton	83-1	1753	1657	1800	1737	4.21	cps
Lead	206-1	7900292	7961059	7918578	7926643	0.39	cps
Lead	207-1	7180995	7254394	7024465	7153285	1.64	cps
Lead	208-1	32266378	32512701	32037354	32272145	0.74	cps
Lithium	6-1	5528365	5521879	5491380	5513875	0.36	cps
Magnesium	24-2	191626821	192084421	194163267	192624836	0.70	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:32:47	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5801382	5833793	5809030	5814735	0.29	cps
Molybdenum	94-1	23012917	22879508	23032253	22974893	0.36	cps
Molybdenum	95-1	29476201	29242254	28776263	29164906	1.22	cps
Molybdenum	96-1	32021235	31982647	31897505	31967129	0.20	cps
Molybdenum	97-1	18068185	18011457	17943532	18007724	0.35	cps
Molybdenum	98-1	46857923	46815647	46669621	46781064	0.21	cps
Neodymium	150-1	1353	1340	1273	1322	3.24	cps
Neodymium	150-2	200	223	197	207	7.03	cps
Nickel	60-2	1822717	1830970	1823457	1825714	0.25	cps
Phosphorus	31-2	216907	219292	217558	217919	0.57	cps
Potassium	39-2	95230840	95905035	95834973	95656949	0.39	cps
Rhodium	103-1	16071148	16277141	15833449	16060580	1.38	cps
Rhodium	103-2	8976600	8891332	8860711	8909548	0.67	cps
Scandium	45-1	12481096	12826820	12775351	12694422	1.47	cps
Scandium	45-2	737751	745151	743314	742072	0.52	cps
Selenium	77-2	15101	15632	15368	15367	1.73	cps
Selenium	78-2	52082	52506	52757	52448	0.65	cps
Selenium	82-1	243824	246571	247584	245993	0.79	cps
Silicon	28-1	8748207	9064254	9158516	8990326	2.39	cps
Silver	109-1	14064663	14205573	13832265	14034167	1.34	cps
Silver	107-1	14528176	14701223	14667183	14632194	0.63	cps
Sodium	23-2	370737650	369466275	374725100	371643008	0.74	cps
Strontium	86-1	3968076	4029552	4038540	4012056	0.96	cps
Strontium	88-1	34994379	35497301	35114942	35202207	0.75	cps
Sulfur	34-1	2298553	2320649	2330160	2316454	0.70	cps
Terbium	159-1	22766314	22824251	22855783	22815449	0.20	cps
Terbium	159-2	12960097	12927175	12820008	12902427	0.57	cps
Thallium	203-1	9948583	10135721	10090410	10058238	0.97	cps
Thallium	205-1	23574501	23853182	23576852	23668178	0.68	cps
Thorium	232-1	35657834	35986140	35785954	35809976	0.46	cps
Tin	118-1	8735130	8832604	8729038	8765591	0.66	cps
Titanium	47-1	8615470	8611368	8632235	8619691	0.13	cps
Uranium	238-1	35049220	35005065	35028680	35027655	0.06	cps
Vanadium	51-2	3643470	3695633	3660615	3666573	0.73	cps
Yttrium	89-1	18652814	18877724	18521947	18684162	0.96	cps
Yttrium	89-2	3422394	3391266	3398821	3404160	0.48	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:32:47	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1706086	1733383	1729344	1722938	0.86	cps
Zirconium	90-1	17989559	17836442	17824686	17883563	0.51	cps
Zirconium	91-1	3883513	3907993	3954150	3915219	0.92	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : CCB13 Instrumnet Name : P7
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-21 13:37:06 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1042	1100	1050	1064	2.97	cps
Antimony	121-1	3667	3934	3476	3692	6.24	cps
Arsenic	75-2	74	57	69	67	12.72	cps
Barium	135-1	900	767	758	808	9.83	cps
Barium	137-1	1242	1283	1200	1242	3.36	cps
Beryllium	9-1	523	467	503	498	5.77	cps
Bismuth	209-1	15404046	15343741	15631633	15459806	0.98	cps
Bismuth	209-2	10032359	10138641	10207094	10126032	0.87	cps
Boron	10-1	27793	27067	25280	26713	4.84	cps
Boron	11-1	134706	129166	120773	128215	5.47	cps
Cadmium	111-1	11130	10855	11720	11235	3.93	cps
Cadmium	106-1	15467	15084	16418	15656	4.39	cps
Cadmium	108-1	79	71	104	85	20.47	cps
Calcium	43-1	1533	1317	1367	1406	8.07	cps
Calcium	44-1	177920	177956	173331	176402	1.51	cps
Chromium	52-2	4764	4928	4794	4829	1.80	cps
Cobalt	59-2	470	457	443	457	2.92	cps
Copper	63-2	3984	3867	3857	3903	1.80	cps
Dysprosium	156-1	50	42	25	39	32.73	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	92	75	117	94	22.21	cps
Erbium	164-2	27	37	43	36	23.58	cps
Gadolinium	160-1	242	167	250	219	20.91	cps
Gadolinium	160-2	437	367	427	410	9.23	cps
Holmium	165-1	23002421	22507634	22721362	22743806	1.09	cps
Holmium	165-2	13192143	13224776	13233544	13216821	0.17	cps
Indium	115-1	19032650	19213534	19200416	19148866	0.53	cps
Indium	115-2	4553938	4619462	4655463	4609621	1.12	cps
Iron	56-2	76979	74026	73779	74928	2.38	cps
Iron	57-2	1989	1678	1884	1850	8.55	cps
Krypton	83-1	1890	1943	1937	1923	1.51	cps
Lead	206-1	2311	2211	2228	2250	2.38	cps
Lead	207-1	1856	2134	2056	2015	7.11	cps
Lead	208-1	8712	9346	9163	9074	3.59	cps
Lithium	6-1	5861603	5804070	5862440	5842704	0.57	cps
Magnesium	24-2	5768	6177	6093	6013	3.59	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:37:06	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1010	1017	1027	1018	0.82	cps
Molybdenum	94-1	3692	3426	3100	3406	8.70	cps
Molybdenum	95-1	4551	4067	3276	3965	16.24	cps
Molybdenum	96-1	4434	4159	3917	4170	6.20	cps
Molybdenum	97-1	2550	2600	2209	2453	8.69	cps
Molybdenum	98-1	6510	5751	5451	5904	9.24	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	323	423	377	374	13.36	cps
Phosphorus	31-2	508	550	700	586	17.20	cps
Potassium	39-2	81039	81231	82010	81427	0.63	cps
Rhodium	103-1	18693070	18444450	18944135	18693885	1.34	cps
Rhodium	103-2	10360232	10488787	10381204	10410075	0.66	cps
Scandium	45-1	13215163	13402995	13295283	13304480	0.71	cps
Scandium	45-2	751504	754979	751840	752775	0.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	174	207	228	203	13.35	cps
Selenium	82-1	96	-14	-44	13	574.64	cps
Silicon	28-1	698785	693527	688706	693673	0.73	cps
Silver	109-1	1425	1517	1500	1481	3.30	cps
Silver	107-1	1750	1717	1817	1761	2.89	cps
Sodium	23-2	95461	94656	94824	94980	0.45	cps
Strontium	86-1	3317	3267	3151	3245	2.64	cps
Strontium	88-1	2117	2234	2117	2156	3.13	cps
Sulfur	34-1	835157	847746	854827	845910	1.18	cps
Terbium	159-1	23654795	23413925	23566810	23545176	0.52	cps
Terbium	159-2	13253474	13340194	13398913	13330860	0.55	cps
Thallium	203-1	3184	3076	3101	3120	1.82	cps
Thallium	205-1	7636	7594	6677	7302	7.42	cps
Thorium	232-1	5312	4551	4256	4707	11.58	cps
Tin	118-1	2909	2950	2959	2939	0.91	cps
Titanium	47-1	1817	1592	1625	1678	7.24	cps
Uranium	238-1	1984	2184	1725	1964	11.70	cps
Vanadium	51-2	207	213	173	198	10.83	cps
Yttrium	89-1	19779850	19705512	19737193	19740852	0.19	cps
Yttrium	89-2	3524658	3517016	3536178	3525951	0.27	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:37:06	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	887	807	810	834	5.42	cps
Zirconium	90-1	3534	3234	3592	3453	5.57	cps
Zirconium	91-1	775	733	675	728	6.90	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01A	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:40:42	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20814563	20927105	21250933	20997534	1.08	cps
Antimony	121-1	3800650	3816213	3877574	3831479	1.06	cps
Arsenic	75-2	474469	479726	480781	478325	0.71	cps
Barium	135-1	14242369	14439749	14597396	14426505	1.23	cps
Barium	137-1	24913490	25007580	25321950	25081007	0.85	cps
Beryllium	9-1	2905054	2963840	2982321	2950405	1.37	cps
Bismuth	209-1	12962786	12913479	13168285	13014850	1.04	cps
Bismuth	209-2	8316861	8536144	8588714	8480573	1.70	cps
Boron	10-1	656441	668181	692166	672263	2.71	cps
Boron	11-1	3107321	3235258	3317097	3219892	3.28	cps
Cadmium	111-1	2929441	2954558	2975330	2953109	0.78	cps
Cadmium	106-1	362781	373810	374703	370431	1.79	cps
Cadmium	108-1	232332	237296	239435	236354	1.54	cps
Calcium	43-1	4099348	4233141	4199670	4177386	1.67	cps
Calcium	44-1	64189735	65228108	65942839	65120227	1.35	cps
Chromium	52-2	5512265	5578544	5658907	5583238	1.32	cps
Cobalt	59-2	8774625	8877357	8972047	8874676	1.11	cps
Copper	63-2	10885794	10934260	11103956	10974670	1.04	cps
Dysprosium	156-1	317954	324169	327848	323324	1.55	cps
Dysprosium	156-2	169970	175076	176187	173744	1.91	cps
Erbium	164-1	204306	211630	211161	209032	1.96	cps
Erbium	164-2	117124	119289	120073	118829	1.29	cps
Gadolinium	160-1	245415	251421	251046	249294	1.35	cps
Gadolinium	160-2	156052	156928	157857	156946	0.58	cps
Holmium	165-1	20853225	21222883	21133567	21069891	0.92	cps
Holmium	165-2	12028721	12323092	12270191	12207335	1.29	cps
Indium	115-1	16764161	16918042	16855635	16845946	0.46	cps
Indium	115-2	4020745	4105018	4152148	4092637	1.63	cps
Iron	56-2	1026349245	1035259379	1054574957	1038727860	1.39	cps
Iron	57-2	25181433	25484378	25849546	25505119	1.31	cps
Krypton	83-1	2167	2224	2224	2205	1.48	cps
Lead	206-1	8708992	8870428	8905834	8828418	1.19	cps
Lead	207-1	7564698	7625810	7804587	7665032	1.63	cps
Lead	208-1	34948099	35008805	35599030	35185311	1.02	cps
Lithium	6-1	5567173	5604253	5607101	5592842	0.40	cps
Magnesium	24-2	61504437	62228278	62570408	62101041	0.88	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01A	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:40:42	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34114053	34270402	35158287	34514247	1.63	cps
Molybdenum	94-1	21212813	21539105	21521540	21424486	0.86	cps
Molybdenum	95-1	24683289	24687438	24896079	24755602	0.49	cps
Molybdenum	96-1	27393769	27860953	27744302	27666341	0.88	cps
Molybdenum	97-1	15274939	15388023	15437530	15366831	0.54	cps
Molybdenum	98-1	39484896	39898423	40101094	39828137	0.79	cps
Neodymium	150-1	457933	467784	468438	464718	1.27	cps
Neodymium	150-2	217728	219485	222338	219850	1.06	cps
Nickel	60-2	2370481	2399654	2411054	2393730	0.87	cps
Phosphorus	31-2	34884	36229	35936	35683	1.98	cps
Potassium	39-2	24371194	24556061	24779956	24569071	0.83	cps
Rhodium	103-1	15901447	16105607	16126013	16044356	0.77	cps
Rhodium	103-2	8905569	8949728	9035220	8963505	0.74	cps
Scandium	45-1	12834289	12965999	12923252	12907847	0.52	cps
Scandium	45-2	742297	744859	760747	749301	1.33	cps
Selenium	77-2	13560	13577	13293	13476	1.18	cps
Selenium	78-2	42260	43300	42900	42820	1.23	cps
Selenium	82-1	199155	201936	202590	201227	0.91	cps
Silicon	28-1	26345891	25086202	25528539	25653544	2.49	cps
Silver	109-1	14232638	14365414	14229857	14275970	0.54	cps
Silver	107-1	14918112	15324438	15001612	15081387	1.42	cps
Sodium	23-2	73689954	74086768	74219350	73998691	0.37	cps
Strontium	86-1	3990314	4017627	4063717	4023886	0.92	cps
Strontium	88-1	34996277	35494636	35576202	35355705	0.89	cps
Sulfur	34-1	809916	801252	805194	805454	0.54	cps
Terbium	159-1	21556266	21906576	21942470	21801771	0.98	cps
Terbium	159-2	12329888	12568365	12551415	12483222	1.07	cps
Thallium	203-1	9777526	9948016	10020973	9915505	1.26	cps
Thallium	205-1	23308393	23706442	23820164	23611666	1.14	cps
Thorium	232-1	1423838	1407941	1436822	1422867	1.02	cps
Tin	118-1	6506196	6651952	6769844	6642664	1.99	cps
Titanium	47-1	9500413	9470529	9582917	9517953	0.61	cps
Uranium	238-1	34706084	34947801	35731677	35128521	1.53	cps
Vanadium	51-2	5162803	5199047	5257221	5206357	0.91	cps
Yttrium	89-1	20433964	20535504	20660633	20543367	0.55	cps
Yttrium	89-2	3624383	3687344	3763158	3691629	1.88	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01A	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:40:42	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2060044	2068598	2078160	2068934	0.44	cps
Zirconium	90-1	20208764	20527504	20189795	20308688	0.93	cps
Zirconium	91-1	4402088	4488276	4534629	4474998	1.50	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-02	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:44:20	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17997689	17967563	17577812	17847688	1.31	cps
Antimony	121-1	2300	1900	2059	2086	9.66	cps
Arsenic	75-2	45044	44568	44845	44819	0.53	cps
Barium	135-1	2807456	2848733	2842252	2832814	0.78	cps
Barium	137-1	4939769	5004895	4924883	4956516	0.86	cps
Beryllium	9-1	37974	37771	37861	37868	0.27	cps
Bismuth	209-1	14669087	14541679	14362077	14524281	1.06	cps
Bismuth	209-2	9436568	9256815	9280664	9324682	1.05	cps
Boron	10-1	60915	61409	60522	60948	0.73	cps
Boron	11-1	293452	288960	280265	287559	2.33	cps
Cadmium	111-1	20487	20545	20171	20401	0.99	cps
Cadmium	106-1	25983	25791	25524	25766	0.89	cps
Cadmium	108-1	3175	2942	2930	3016	4.59	cps
Calcium	43-1	677563	686511	694183	686085	1.21	cps
Calcium	44-1	10966615	11077706	11013177	11019166	0.51	cps
Chromium	52-2	1570478	1551015	1542040	1554511	0.94	cps
Cobalt	59-2	1640742	1657048	1631202	1642997	0.80	cps
Copper	63-2	819675	816597	815937	817403	0.24	cps
Dysprosium	156-1	450123	452299	453113	451845	0.34	cps
Dysprosium	156-2	253529	251238	248636	251134	0.97	cps
Erbium	164-1	320981	319219	317613	319271	0.53	cps
Erbium	164-2	180003	180605	180245	180284	0.17	cps
Gadolinium	160-1	367660	370749	368522	368977	0.43	cps
Gadolinium	160-2	233474	232922	236006	234134	0.70	cps
Holmium	165-1	22533032	22637627	22438018	22536226	0.44	cps
Holmium	165-2	13149756	12968165	13022251	13046724	0.71	cps
Indium	115-1	18378158	18152060	18363388	18297869	0.69	cps
Indium	115-2	4487457	4473963	4468642	4476687	0.22	cps
Iron	56-2	1197129316	1192233893	1185673093	1191678767	0.48	cps
Iron	57-2	29651086	29629003	29232085	29504058	0.80	cps
Krypton	83-1	2404	2510	2450	2455	2.18	cps
Lead	206-1	746375	743567	738155	742699	0.56	cps
Lead	207-1	606644	605144	606325	606037	0.13	cps
Lead	208-1	2877570	2871124	2852647	2867114	0.45	cps
Lithium	6-1	6013393	6086914	6046096	6048801	0.61	cps
Magnesium	24-2	31988689	31873196	31647228	31836371	0.55	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-02	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:44:20	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37538168	36999300	36831712	37123060	0.99	cps
Molybdenum	94-1	628113	630175	631535	629941	0.27	cps
Molybdenum	95-1	89606	93942	92366	91972	2.39	cps
Molybdenum	96-1	204599	204995	201160	203585	1.04	cps
Molybdenum	97-1	56780	55961	56605	56449	0.76	cps
Molybdenum	98-1	144284	143433	144805	144174	0.48	cps
Neodymium	150-1	614318	621276	612657	616084	0.74	cps
Neodymium	150-2	291140	285880	284442	287154	1.23	cps
Nickel	60-2	750578	749116	747844	749179	0.18	cps
Phosphorus	31-2	52042	54793	53657	53497	2.58	cps
Potassium	39-2	5801025	5835660	5791110	5809265	0.40	cps
Rhodium	103-1	17463979	17787871	17622055	17624635	0.92	cps
Rhodium	103-2	9871185	9874275	9799445	9848302	0.43	cps
Scandium	45-1	13847964	14033793	13999942	13960566	0.71	cps
Scandium	45-2	807241	797516	791843	798867	0.97	cps
Selenium	77-2	1790	1537	1717	1681	7.75	cps
Selenium	78-2	1493	1435	1480	1469	2.05	cps
Selenium	82-1	635	693	582	637	8.67	cps
Silicon	28-1	6697655	6698395	6915879	6770643	1.86	cps
Silver	109-1	5818	5585	5801	5735	2.27	cps
Silver	107-1	7978	7536	8103	7872	3.78	cps
Sodium	23-2	1154909	1151259	1129826	1145332	1.18	cps
Strontium	86-1	715827	730991	723512	723443	1.05	cps
Strontium	88-1	6376158	6472888	6333346	6394131	1.12	cps
Sulfur	34-1	803006	810895	813384	809095	0.67	cps
Terbium	159-1	23543207	23347450	23257270	23382642	0.63	cps
Terbium	159-2	13315555	13244615	13254224	13271465	0.29	cps
Thallium	203-1	17379	17704	17095	17393	1.75	cps
Thallium	205-1	42285	41768	40120	41391	2.73	cps
Thorium	232-1	1904315	1925077	1920931	1916774	0.57	cps
Tin	118-1	28847	28505	27110	28154	3.27	cps
Titanium	47-1	2146649	2176161	2191851	2171554	1.06	cps
Uranium	238-1	442516	439118	441048	440894	0.39	cps
Vanadium	51-2	1700400	1680864	1672836	1684700	0.84	cps
Yttrium	89-1	23611245	23424161	23408009	23481139	0.48	cps
Yttrium	89-2	4267687	4208131	4168892	4214903	1.18	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-02	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 13:44:20	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	812621	809027	813308	811652	0.28	cps
Zirconium	90-1	1595085	1597638	1614412	1602378	0.66	cps
Zirconium	91-1	359204	357341	359293	358613	0.31	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:47:58	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8571029	8660654	8727513	8653065	0.91	cps
Antimony	121-1	875	967	842	895	7.24	cps
Arsenic	75-2	40501	41004	41492	40999	1.21	cps
Barium	135-1	1177200	1193997	1191125	1187441	0.76	cps
Barium	137-1	2057886	2064458	2055228	2059191	0.23	cps
Beryllium	9-1	12979	13012	12846	12946	0.68	cps
Bismuth	209-1	14915254	14749131	14756736	14807040	0.63	cps
Bismuth	209-2	9660905	9745256	9623480	9676547	0.64	cps
Boron	10-1	32828	30916	31150	31631	3.30	cps
Boron	11-1	151184	153372	150964	151840	0.88	cps
Cadmium	111-1	14512	14849	14184	14515	2.29	cps
Cadmium	106-1	19147	19306	18496	18983	2.26	cps
Cadmium	108-1	1071	963	1108	1047	7.23	cps
Calcium	43-1	282553	282015	282122	282230	0.10	cps
Calcium	44-1	4641792	4665209	4584234	4630412	0.90	cps
Chromium	52-2	445883	451739	445510	447711	0.78	cps
Cobalt	59-2	608258	606098	600448	604935	0.67	cps
Copper	63-2	274253	278343	275558	276051	0.76	cps
Dysprosium	156-1	134373	133200	135021	134198	0.69	cps
Dysprosium	156-2	79897	80901	81602	80800	1.06	cps
Erbium	164-1	118118	117472	117950	117847	0.28	cps
Erbium	164-2	67104	69366	69010	68493	1.78	cps
Gadolinium	160-1	135956	136940	136452	136449	0.36	cps
Gadolinium	160-2	86277	87105	88947	87443	1.56	cps
Holmium	165-1	22372121	22549943	22302707	22408257	0.57	cps
Holmium	165-2	12951226	13179795	13064068	13065030	0.87	cps
Indium	115-1	18488034	18567873	18492904	18516270	0.24	cps
Indium	115-2	4490373	4601611	4512583	4534856	1.30	cps
Iron	56-2	535051101	547299557	537869568	540073408	1.19	cps
Iron	57-2	13261221	13422123	13257433	13313592	0.71	cps
Krypton	83-1	2090	1954	1994	2012	3.49	cps
Lead	206-1	289901	292028	290312	290747	0.39	cps
Lead	207-1	239469	238609	240445	239508	0.38	cps
Lead	208-1	1133458	1133344	1124290	1130364	0.47	cps
Lithium	6-1	5887509	5903674	5858111	5883098	0.39	cps
Magnesium	24-2	11827624	11831731	12149793	11936383	1.55	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:47:58	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11157335	11371773	11074727	11201278	1.37	cps
Molybdenum	94-1	200045	206222	198212	201493	2.08	cps
Molybdenum	95-1	15534	15876	16018	15809	1.57	cps
Molybdenum	96-1	55275	54865	53326	54489	1.89	cps
Molybdenum	97-1	9495	9587	9996	9693	2.75	cps
Molybdenum	98-1	24464	25156	25023	24881	1.48	cps
Neodymium	150-1	119374	119119	120121	119538	0.44	cps
Neodymium	150-2	55692	57383	57446	56840	1.75	cps
Nickel	60-2	308593	310687	307521	308934	0.52	cps
Phosphorus	31-2	10329	10504	10471	10435	0.89	cps
Potassium	39-2	4219362	4232150	4271593	4241035	0.64	cps
Rhodium	103-1	18142379	18061122	17862120	18021873	0.80	cps
Rhodium	103-2	10106998	10147637	10095783	10116806	0.27	cps
Scandium	45-1	13387679	13314623	13420139	13374147	0.40	cps
Scandium	45-2	763039	764049	758784	761957	0.37	cps
Selenium	77-2	520	463	500	494	5.81	cps
Selenium	78-2	611	587	526	575	7.64	cps
Selenium	82-1	243	316	220	260	19.19	cps
Silicon	28-1	2421509	2864042	2790903	2692151	8.81	cps
Silver	109-1	1183	1300	1275	1253	4.90	cps
Silver	107-1	2067	2034	2125	2075	2.24	cps
Sodium	23-2	667270	676817	677228	673771	0.84	cps
Strontium	86-1	388504	386359	384857	386573	0.47	cps
Strontium	88-1	3374289	3364813	3290931	3343345	1.37	cps
Sulfur	34-1	755379	745010	736167	745518	1.29	cps
Terbium	159-1	23257417	23089684	23273906	23207002	0.44	cps
Terbium	159-2	13490156	13316232	13423501	13409963	0.65	cps
Thallium	203-1	13249	13024	13349	13207	1.26	cps
Thallium	205-1	31188	31664	31689	31514	0.90	cps
Thorium	232-1	784592	802278	792599	793156	1.12	cps
Tin	118-1	5768	5860	5835	5821	0.81	cps
Titanium	47-1	451548	442179	436878	443535	1.67	cps
Uranium	238-1	150832	154422	152444	152566	1.18	cps
Vanadium	51-2	1371277	1388560	1376381	1378739	0.64	cps
Yttrium	89-1	21069471	20909078	20895987	20958179	0.46	cps
Yttrium	89-2	3775431	3785174	3774707	3778437	0.15	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:47:58	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	288297	290329	290112	289580	0.39	cps
Zirconium	90-1	540276	536070	535369	537238	0.49	cps
Zirconium	91-1	120800	119488	119194	119827	0.71	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:51:37	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7656228	7804536	7656504	7705756	1.11	cps
Antimony	121-1	3000	2992	3251	3081	4.77	cps
Arsenic	75-2	6881	6941	6689	6837	1.93	cps
Barium	135-1	921340	929558	934405	928434	0.71	cps
Barium	137-1	1635447	1636917	1636440	1636268	0.05	cps
Beryllium	9-1	12212	12048	11988	12083	0.96	cps
Bismuth	209-1	15417016	15456291	15420059	15431122	0.14	cps
Bismuth	209-2	9783444	9699359	9541586	9674796	1.27	cps
Boron	10-1	22084	21157	22033	21758	2.39	cps
Boron	11-1	105115	104829	102329	104091	1.47	cps
Cadmium	111-1	15268	15234	14862	15121	1.49	cps
Cadmium	106-1	19122	18813	18688	18874	1.18	cps
Cadmium	108-1	1275	1158	1254	1229	5.06	cps
Calcium	43-1	224307	224586	225251	224715	0.22	cps
Calcium	44-1	3750524	3742039	3722120	3738228	0.39	cps
Chromium	52-2	428027	431827	426603	428819	0.63	cps
Cobalt	59-2	432411	429597	428735	430248	0.45	cps
Copper	63-2	295850	295028	294067	294982	0.30	cps
Dysprosium	156-1	128518	131184	130898	130200	1.12	cps
Dysprosium	156-2	75218	75573	75849	75547	0.42	cps
Erbium	164-1	109472	109244	109405	109374	0.11	cps
Erbium	164-2	61204	62138	60993	61445	0.99	cps
Gadolinium	160-1	128777	130116	128100	128998	0.80	cps
Gadolinium	160-2	82293	82437	82802	82511	0.32	cps
Holmium	165-1	22660893	23450472	23055768	23055711	1.71	cps
Holmium	165-2	13250298	13204993	12897710	13117667	1.46	cps
Indium	115-1	18949105	19137383	18884751	18990413	0.69	cps
Indium	115-2	4586269	4581652	4485811	4551244	1.25	cps
Iron	56-2	327891552	332903707	324206629	328333963	1.33	cps
Iron	57-2	8101442	8196407	7996628	8098159	1.23	cps
Krypton	83-1	2117	1930	1947	1998	5.17	cps
Lead	206-1	328618	328466	330165	329083	0.29	cps
Lead	207-1	268955	273578	268065	270199	1.10	cps
Lead	208-1	1267629	1280211	1274078	1273973	0.49	cps
Lithium	6-1	5928598	6023589	6010253	5987480	0.86	cps
Magnesium	24-2	10852379	10901181	10808110	10853890	0.43	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:51:37	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8748259	8733042	8570092	8683798	1.14	cps
Molybdenum	94-1	215906	216382	213950	215413	0.60	cps
Molybdenum	95-1	24480	24071	23938	24163	1.17	cps
Molybdenum	96-1	63626	62898	61961	62828	1.33	cps
Molybdenum	97-1	15359	15033	15542	15311	1.68	cps
Molybdenum	98-1	38227	39046	37977	38417	1.46	cps
Neodymium	150-1	125811	129869	124876	126852	2.09	cps
Neodymium	150-2	58835	59367	59140	59114	0.45	cps
Nickel	60-2	257141	257495	258670	257769	0.31	cps
Phosphorus	31-2	14182	13590	13131	13635	3.86	cps
Potassium	39-2	3142637	3173707	3112206	3142850	0.98	cps
Rhodium	103-1	18237206	18779428	18363543	18460059	1.54	cps
Rhodium	103-2	10290341	10101392	9797249	10062994	2.47	cps
Scandium	45-1	13743017	13755506	13752885	13750469	0.05	cps
Scandium	45-2	780195	776238	750387	768940	2.11	cps
Selenium	77-2	510	467	527	501	6.18	cps
Selenium	78-2	509	556	507	524	5.21	cps
Selenium	82-1	244	513	466	408	35.28	cps
Silicon	28-1	1619842	1666061	1778663	1688189	4.84	cps
Silver	109-1	2309	2634	2392	2445	6.91	cps
Silver	107-1	3667	3701	3692	3687	0.47	cps
Sodium	23-2	757574	755135	752409	755039	0.34	cps
Strontium	86-1	232082	238162	230898	233714	1.67	cps
Strontium	88-1	1981550	1980940	1989138	1983876	0.23	cps
Sulfur	34-1	702542	694773	697400	698239	0.57	cps
Terbium	159-1	23751985	24081211	23853095	23895430	0.71	cps
Terbium	159-2	13594409	13427910	13056528	13359616	2.06	cps
Thallium	203-1	15777	15034	14725	15179	3.56	cps
Thallium	205-1	36401	35498	35850	35916	1.27	cps
Thorium	232-1	655145	641940	648020	648369	1.02	cps
Tin	118-1	11730	11872	11714	11772	0.74	cps
Titanium	47-1	575890	575677	578433	576667	0.27	cps
Uranium	238-1	133161	134735	135879	134591	1.01	cps
Vanadium	51-2	437522	443689	437161	439457	0.83	cps
Yttrium	89-1	21256608	21409684	21299351	21321881	0.37	cps
Yttrium	89-2	3781875	3754177	3661197	3732416	1.69	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1281-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 13:51:37	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	277201	272443	274326	274656	0.87	cps
Zirconium	90-1	563935	562354	563011	563100	0.14	cps
Zirconium	91-1	124652	124413	124457	124507	0.10	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 14:45:28	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18226191	18277200	18077738	18193710	0.57	cps
Antimony	121-1	8739912	8656832	8615268	8670671	0.73	cps
Arsenic	75-2	455090	453487	458725	455767	0.59	cps
Barium	135-1	11454014	11459545	11421105	11444888	0.18	cps
Barium	137-1	20059430	20203244	19871995	20044890	0.83	cps
Beryllium	9-1	2824198	2839285	2827629	2830371	0.28	cps
Bismuth	209-1	12447971	12483533	12447504	12459670	0.17	cps
Bismuth	209-2	8057041	8019264	8070056	8048787	0.33	cps
Boron	10-1	609087	620076	615999	615054	0.90	cps
Boron	11-1	2885465	2967746	2954772	2935994	1.51	cps
Cadmium	111-1	2947366	2990162	2980069	2972533	0.75	cps
Cadmium	106-1	355682	356416	352881	354993	0.53	cps
Cadmium	108-1	235541	236906	233282	235243	0.78	cps
Calcium	43-1	17075927	17140960	16743442	16986776	1.26	cps
Calcium	44-1	267148831	269007564	270210323	268788906	0.57	cps
Chromium	52-2	4371885	4330084	4436310	4379426	1.22	cps
Cobalt	59-2	7041110	7028279	7088868	7052752	0.45	cps
Copper	63-2	10035723	10089730	10120575	10082010	0.43	cps
Dysprosium	156-1	383	442	325	383	15.22	cps
Dysprosium	156-2	263	243	277	261	6.42	cps
Erbium	164-1	108	100	108	106	4.56	cps
Erbium	164-2	60	80	60	67	17.32	cps
Gadolinium	160-1	367	358	308	344	9.16	cps
Gadolinium	160-2	420	457	443	440	4.22	cps
Holmium	165-1	21076887	21338849	21199517	21205085	0.62	cps
Holmium	165-2	12200106	12345730	12425554	12323797	0.93	cps
Indium	115-1	16335419	16396775	16480710	16404301	0.44	cps
Indium	115-2	4062345	4068734	4079161	4070080	0.21	cps
Iron	56-2	977723089	985127578	997805111	986885259	1.03	cps
Iron	57-2	24334147	24128528	24446207	24302960	0.66	cps
Krypton	83-1	1657	1790	1873	1773	6.16	cps
Lead	206-1	7650719	7719230	7653124	7674357	0.51	cps
Lead	207-1	6843027	6878645	6838482	6853385	0.32	cps
Lead	208-1	30914980	31156564	31102116	31057887	0.41	cps
Lithium	6-1	5301717	5276947	5276744	5285136	0.27	cps
Magnesium	24-2	188456925	185725858	187291288	187158024	0.73	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 14:45:28	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5519278	5592713	5631457	5581149	1.02	cps
Molybdenum	94-1	21943367	21653114	22041247	21879243	0.92	cps
Molybdenum	95-1	27695261	27861305	27747946	27768171	0.31	cps
Molybdenum	96-1	30381813	30981180	30502516	30621836	1.04	cps
Molybdenum	97-1	17123342	17347965	17165913	17212407	0.69	cps
Molybdenum	98-1	44475549	44784896	44466827	44575757	0.41	cps
Neodymium	150-1	1160	1193	1280	1211	5.11	cps
Neodymium	150-2	183	183	160	176	7.68	cps
Nickel	60-2	1745749	1750238	1768605	1754864	0.69	cps
Phosphorus	31-2	213735	212191	215784	213903	0.84	cps
Potassium	39-2	92684275	91976629	92516773	92392559	0.40	cps
Rhodium	103-1	15114188	15231921	15261180	15202430	0.51	cps
Rhodium	103-2	8490469	8648358	8570318	8569715	0.92	cps
Scandium	45-1	11935189	12029262	12124704	12029718	0.79	cps
Scandium	45-2	715479	711473	720762	715905	0.65	cps
Selenium	77-2	16089	16506	16319	16305	1.28	cps
Selenium	78-2	54833	54401	54662	54632	0.40	cps
Selenium	82-1	254702	255888	257186	255925	0.49	cps
Silicon	28-1	8291725	8542098	8646629	8493484	2.15	cps
Silver	109-1	14287986	14393288	14341776	14341017	0.37	cps
Silver	107-1	14971640	15115108	14885346	14990698	0.77	cps
Sodium	23-2	361301558	359696150	355124650	358707452	0.89	cps
Strontium	86-1	3813328	3817468	3871687	3834161	0.85	cps
Strontium	88-1	33477297	33607165	33317321	33467261	0.43	cps
Sulfur	34-1	2234563	2244503	2267439	2248835	0.75	cps
Terbium	159-1	21586721	21805557	21568974	21653751	0.61	cps
Terbium	159-2	12335731	12213992	12481727	12343817	1.09	cps
Thallium	203-1	9552317	9742118	9666028	9653488	0.99	cps
Thallium	205-1	23050058	23131796	22622509	22934788	1.19	cps
Thorium	232-1	34063197	34479482	34149895	34230858	0.64	cps
Tin	118-1	8354471	8400604	8231279	8328785	1.05	cps
Titanium	47-1	8296780	8284535	8287899	8289738	0.08	cps
Uranium	238-1	33416804	33281861	32984004	33227556	0.67	cps
Vanadium	51-2	3524809	3528817	3573518	3542381	0.76	cps
Yttrium	89-1	17712918	17837961	18042998	17864626	0.93	cps
Yttrium	89-2	3258521	3238479	3284769	3260590	0.71	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 14:45:28	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1672554	1668952	1677136	1672881	0.25	cps
Zirconium	90-1	17150190	17215790	17037757	17134579	0.53	cps
Zirconium	91-1	3701238	3723469	3762592	3729100	0.83	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 14:51:41	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	392	442	392	12.77	cps
Antimony	121-1	2217	2192	2417	2275	5.42	cps
Arsenic	75-2	46	33	43	41	16.40	cps
Barium	135-1	275	250	225	250	10.00	cps
Barium	137-1	400	450	417	422	6.03	cps
Beryllium	9-1	307	347	267	307	13.04	cps
Bismuth	209-1	15486727	15460889	15294090	15413902	0.68	cps
Bismuth	209-2	9907993	9936646	9920407	9921682	0.14	cps
Boron	10-1	17319	15475	15425	16073	6.72	cps
Boron	11-1	77759	76963	74082	76268	2.54	cps
Cadmium	111-1	11366	11009	10756	11044	2.78	cps
Cadmium	106-1	16085	15484	15084	15551	3.24	cps
Cadmium	108-1	50	25	33	36	35.25	cps
Calcium	43-1	1058	1083	1150	1097	4.32	cps
Calcium	44-1	157389	156547	157392	157109	0.31	cps
Chromium	52-2	4357	4327	3967	4217	5.15	cps
Cobalt	59-2	290	253	277	273	6.79	cps
Copper	63-2	3114	3300	3184	3199	2.95	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	83	100	50	78	32.73	cps
Erbium	164-2	27	47	20	31	44.61	cps
Gadolinium	160-1	175	283	233	231	23.52	cps
Gadolinium	160-2	423	490	407	440	10.02	cps
Holmium	165-1	22706535	22760730	22348707	22605324	0.99	cps
Holmium	165-2	13227374	12954571	13011476	13064474	1.10	cps
Indium	115-1	18952109	18830807	18789106	18857341	0.45	cps
Indium	115-2	4521840	4510658	4585084	4539194	0.88	cps
Iron	56-2	34424	33968	33812	34068	0.93	cps
Iron	57-2	1056	933	883	957	9.25	cps
Krypton	83-1	1737	1743	1760	1747	0.69	cps
Lead	206-1	1633	1684	1667	1661	1.53	cps
Lead	207-1	1533	1445	1361	1446	5.96	cps
Lead	208-1	6751	6779	6273	6601	4.31	cps
Lithium	6-1	5887408	5841208	5839632	5856083	0.46	cps
Magnesium	24-2	3234	3601	3726	3520	7.26	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 14:51:41	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180	193	120	164	23.76	cps
Molybdenum	94-1	2109	1750	1909	1922	9.34	cps
Molybdenum	95-1	2184	1850	1517	1850	18.02	cps
Molybdenum	96-1	2384	2192	1992	2189	8.95	cps
Molybdenum	97-1	1542	1075	1033	1217	23.20	cps
Molybdenum	98-1	3451	2909	2484	2948	16.44	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	223	253	240	239	6.29	cps
Phosphorus	31-2	492	458	508	486	5.24	cps
Potassium	39-2	72554	72595	72226	72458	0.28	cps
Rhodium	103-1	18581860	18420366	18530347	18510858	0.45	cps
Rhodium	103-2	10175717	10164417	10297254	10212463	0.72	cps
Scandium	45-1	12979746	13059802	13094678	13044742	0.45	cps
Scandium	45-2	724654	730418	739489	731520	1.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	193	185	202	193	4.32	cps
Selenium	82-1	90	146	10	82	82.78	cps
Silicon	28-1	645008	643690	636108	641602	0.75	cps
Silver	109-1	958	933	675	856	18.34	cps
Silver	107-1	900	942	783	875	9.38	cps
Sodium	23-2	83985	80793	83014	82597	1.98	cps
Strontium	86-1	2709	3092	2900	2900	6.61	cps
Strontium	88-1	725	925	842	831	12.10	cps
Sulfur	34-1	883133	885876	891897	886969	0.51	cps
Terbium	159-1	23403010	23452205	23315870	23390362	0.30	cps
Terbium	159-2	13221628	13203271	13156339	13193746	0.26	cps
Thallium	203-1	2309	2192	2142	2214	3.86	cps
Thallium	205-1	5026	4984	4718	4909	3.41	cps
Thorium	232-1	5496	5185	4807	5162	6.69	cps
Tin	118-1	2450	2659	2475	2528	4.50	cps
Titanium	47-1	1450	1325	1375	1383	4.55	cps
Uranium	238-1	750	592	625	656	12.73	cps
Vanadium	51-2	93	47	57	66	37.48	cps
Yttrium	89-1	19566085	19446743	19397150	19469992	0.45	cps
Yttrium	89-2	3392221	3405607	3494916	3430915	1.63	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 14:51:41	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	827	827	823	826	0.23	cps
Zirconium	90-1	2642	2684	2825	2717	3.54	cps
Zirconium	91-1	533	550	550	544	1.77	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 14:55:17	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2838276	2875426	2850800	2854834	0.66	cps
Antimony	121-1	1358	1609	1375	1447	9.66	cps
Arsenic	75-2	8019	8043	8071	8044	0.32	cps
Barium	135-1	397569	411090	405971	404877	1.69	cps
Barium	137-1	701211	714717	711664	709197	1.00	cps
Beryllium	9-1	5821	5871	5951	5881	1.12	cps
Bismuth	209-1	15268664	15130468	15020209	15139780	0.82	cps
Bismuth	209-2	9958586	9904150	9961161	9941299	0.32	cps
Boron	10-1	14449	14082	14808	14446	2.51	cps
Boron	11-1	69293	67510	66698	67834	1.96	cps
Cadmium	111-1	12435	12748	12422	12535	1.47	cps
Cadmium	106-1	17311	17812	17228	17450	1.81	cps
Cadmium	108-1	488	571	554	538	8.20	cps
Calcium	43-1	121757	122135	121144	121678	0.41	cps
Calcium	44-1	2056181	2066189	2078180	2066850	0.53	cps
Chromium	52-2	234710	239370	238444	237508	1.04	cps
Cobalt	59-2	276047	277441	281288	278259	0.98	cps
Copper	63-2	135270	137748	137574	136864	1.01	cps
Dysprosium	156-1	66998	67476	67969	67481	0.72	cps
Dysprosium	156-2	37060	36839	37916	37272	1.53	cps
Erbium	164-1	42643	44331	45034	44003	2.79	cps
Erbium	164-2	25861	26012	26379	26084	1.02	cps
Gadolinium	160-1	51674	52737	50536	51649	2.13	cps
Gadolinium	160-2	33775	34611	34220	34202	1.22	cps
Holmium	165-1	22382942	22698722	22199523	22427062	1.13	cps
Holmium	165-2	13356789	13368721	13223699	13316403	0.60	cps
Indium	115-1	18482487	18667056	18405276	18518273	0.73	cps
Indium	115-2	4632818	4661444	4679569	4657944	0.51	cps
Iron	56-2	166712943	169632470	167501548	167948987	0.90	cps
Iron	57-2	4000825	4070501	4133992	4068439	1.64	cps
Krypton	83-1	1787	1930	1960	1892	4.90	cps
Lead	206-1	127608	129145	129689	128814	0.84	cps
Lead	207-1	104240	107471	105265	105659	1.56	cps
Lead	208-1	498700	504839	497171	500237	0.81	cps
Lithium	6-1	5893857	5905924	5882063	5893948	0.20	cps
Magnesium	24-2	5714597	5646609	5628748	5663318	0.80	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 14:55:17	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4852406	4871696	4931646	4885249	0.85	cps
Molybdenum	94-1	90143	94072	93481	92565	2.29	cps
Molybdenum	95-1	4176	4167	4017	4120	2.16	cps
Molybdenum	96-1	20774	21642	20541	20986	2.77	cps
Molybdenum	97-1	2484	2575	2484	2514	2.10	cps
Molybdenum	98-1	6402	6468	6660	6510	2.06	cps
Neodymium	150-1	95477	95839	96343	95886	0.45	cps
Neodymium	150-2	45341	45763	46602	45902	1.40	cps
Nickel	60-2	117998	119207	118807	118671	0.52	cps
Phosphorus	31-2	8678	9295	9070	9014	3.46	cps
Potassium	39-2	819027	824349	831262	824879	0.74	cps
Rhodium	103-1	17857989	18316099	17996098	18056729	1.30	cps
Rhodium	103-2	10254139	10323545	10402202	10326629	0.72	cps
Scandium	45-1	13265383	13171158	13077939	13171493	0.71	cps
Scandium	45-2	765188	759872	766516	763858	0.46	cps
Selenium	77-2	220	237	223	227	3.89	cps
Selenium	78-2	372	411	398	394	5.03	cps
Selenium	82-1	278	118	93	163	61.42	cps
Silicon	28-1	1929946	1787786	2464489	2060740	17.31	cps
Silver	109-1	958	1092	1167	1072	9.84	cps
Silver	107-1	1467	1417	1408	1431	2.21	cps
Sodium	23-2	253733	251654	249144	251510	0.91	cps
Strontium	86-1	97112	95098	93957	95389	1.67	cps
Strontium	88-1	808159	819068	808975	812067	0.75	cps
Sulfur	34-1	833302	817634	810565	820500	1.42	cps
Terbium	159-1	22921911	23344294	23170533	23145579	0.92	cps
Terbium	159-2	13337372	13364145	13425736	13375751	0.34	cps
Thallium	203-1	3842	4118	3892	3951	3.71	cps
Thallium	205-1	9229	8620	9212	9020	3.84	cps
Thorium	232-1	288288	293702	290807	290933	0.93	cps
Tin	118-1	3009	3392	3176	3192	6.02	cps
Titanium	47-1	305135	306882	306006	306008	0.29	cps
Uranium	238-1	54993	56214	55386	55531	1.12	cps
Vanadium	51-2	261920	264423	264730	263691	0.58	cps
Yttrium	89-1	19916798	20237014	19736030	19963281	1.27	cps
Yttrium	89-2	3643598	3661052	3671166	3658605	0.38	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 14:55:17	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	127495	128073	128348	127972	0.34	cps
Zirconium	90-1	242202	253549	253717	249823	2.64	cps
Zirconium	91-1	55349	55584	56195	55710	0.78	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : K1308-01DUPDLX5 Instrumnet Name : P7
 Client Sample ID : SB-17(34.2-34.8)DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2019-02-21 14:58:56 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2831545	2907182	2881999	2873575	1.34	cps
Antimony	121-1	742	825	758	775	5.69	cps
Arsenic	75-2	7834	8041	7965	7947	1.32	cps
Barium	135-1	410322	423098	413107	415509	1.62	cps
Barium	137-1	722574	728379	742323	731092	1.39	cps
Beryllium	9-1	6018	5945	6055	6006	0.93	cps
Bismuth	209-1	15124832	15212502	15298686	15212007	0.57	cps
Bismuth	209-2	9782244	9852766	9792214	9809075	0.39	cps
Boron	10-1	11563	11263	11772	11533	2.22	cps
Boron	11-1	55503	54182	54725	54803	1.21	cps
Cadmium	111-1	12325	12632	12874	12610	2.18	cps
Cadmium	106-1	17261	17670	18129	17687	2.45	cps
Cadmium	108-1	488	488	500	492	1.47	cps
Calcium	43-1	122177	123818	123237	123077	0.68	cps
Calcium	44-1	2124989	2121146	2129239	2125125	0.19	cps
Chromium	52-2	234101	242102	236194	237466	1.75	cps
Cobalt	59-2	276684	279094	282669	279482	1.08	cps
Copper	63-2	136316	138828	136877	137340	0.96	cps
Dysprosium	156-1	68413	68631	70041	69029	1.28	cps
Dysprosium	156-2	37411	38424	37679	37838	1.39	cps
Erbium	164-1	45268	45084	46263	45538	1.39	cps
Erbium	164-2	25427	26352	26005	25928	1.80	cps
Gadolinium	160-1	54259	53364	53397	53674	0.94	cps
Gadolinium	160-2	34186	34744	34711	34547	0.91	cps
Holmium	165-1	22631525	22407852	22940740	22660039	1.18	cps
Holmium	165-2	13084524	13149546	12963686	13065919	0.72	cps
Indium	115-1	18837229	18763422	18908222	18836291	0.38	cps
Indium	115-2	4557103	4620343	4568109	4581852	0.74	cps
Iron	56-2	168866432	169531993	169795282	169397902	0.28	cps
Iron	57-2	4081433	4118804	4125711	4108649	0.58	cps
Krypton	83-1	1937	1787	1897	1873	4.15	cps
Lead	206-1	129925	129207	131203	130112	0.78	cps
Lead	207-1	108261	104667	107466	106798	1.77	cps
Lead	208-1	508503	503270	509283	507019	0.64	cps
Lithium	6-1	5899854	5951814	5944456	5932042	0.47	cps
Magnesium	24-2	5632225	5724190	5608237	5654884	1.08	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : K1308-01DUPDLX5 Instrumnet Name : P7
 Client Sample ID : SB-17(34.2-34.8)DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2019-02-21 14:58:56 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4978918	4979126	4955329	4971124	0.28	cps
Molybdenum	94-1	97943	94730	95075	95916	1.84	cps
Molybdenum	95-1	3559	3492	3234	3428	5.01	cps
Molybdenum	96-1	20407	20866	20582	20618	1.12	cps
Molybdenum	97-1	2067	2025	2017	2036	1.32	cps
Molybdenum	98-1	5184	5193	5335	5237	1.61	cps
Neodymium	150-1	97410	98881	99572	98621	1.12	cps
Neodymium	150-2	46241	47298	47401	46980	1.37	cps
Nickel	60-2	117157	117580	118723	117820	0.69	cps
Phosphorus	31-2	8886	8703	8936	8842	1.39	cps
Potassium	39-2	825392	835034	829818	830082	0.58	cps
Rhodium	103-1	18303406	18506994	18401599	18404000	0.55	cps
Rhodium	103-2	10170180	10195345	10101315	10155614	0.48	cps
Scandium	45-1	13259611	13272342	13369465	13300473	0.45	cps
Scandium	45-2	750924	770400	749507	756944	1.54	cps
Selenium	77-2	210	233	237	227	6.41	cps
Selenium	78-2	356	378	444	393	11.78	cps
Selenium	82-1	153	241	77	157	51.94	cps
Silicon	28-1	1833599	1711965	1678194	1741252	4.69	cps
Silver	109-1	492	442	467	467	5.36	cps
Silver	107-1	917	1150	1117	1061	11.89	cps
Sodium	23-2	232005	240626	240092	237574	2.03	cps
Strontium	86-1	97356	99309	98025	98230	1.01	cps
Strontium	88-1	833459	822419	847588	834488	1.51	cps
Sulfur	34-1	777746	773657	770551	773985	0.47	cps
Terbium	159-1	23338132	23336328	23592693	23422384	0.63	cps
Terbium	159-2	13173886	13262664	13166094	13200881	0.41	cps
Thallium	203-1	3734	3426	3242	3467	7.17	cps
Thallium	205-1	8261	7469	8703	8145	7.68	cps
Thorium	232-1	289317	298405	295499	294407	1.58	cps
Tin	118-1	2951	2550	2617	2706	7.93	cps
Titanium	47-1	312115	314075	314786	313659	0.44	cps
Uranium	238-1	56314	56632	56457	56468	0.28	cps
Vanadium	51-2	265690	265687	265393	265590	0.06	cps
Yttrium	89-1	19961215	20255826	20257586	20158209	0.85	cps
Yttrium	89-2	3601936	3635239	3596467	3611214	0.58	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 14:58:56	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	127119	128591	126849	127520	0.74	cps
Zirconium	90-1	257292	255040	255299	255877	0.48	cps
Zirconium	91-1	57685	56788	56613	57029	1.01	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-02-21 15:02:35	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	543907	558305	559258	553823	1.55	cps
Antimony	121-1	575	492	442	503	13.40	cps
Arsenic	75-2	1617	1578	1539	1578	2.46	cps
Barium	135-1	81222	80627	81842	81230	0.75	cps
Barium	137-1	141795	139723	142113	141210	0.92	cps
Beryllium	9-1	1307	1427	1260	1331	6.46	cps
Bismuth	209-1	15433399	14838270	14923762	15065144	2.14	cps
Bismuth	209-2	9815993	10155922	9727444	9899786	2.28	cps
Boron	10-1	7210	6752	7244	7069	3.89	cps
Boron	11-1	34190	32561	33129	33293	2.48	cps
Cadmium	111-1	11246	10834	11105	11061	1.89	cps
Cadmium	106-1	15976	15342	15851	15723	2.14	cps
Cadmium	108-1	125	92	154	124	25.30	cps
Calcium	43-1	25498	25064	25156	25239	0.91	cps
Calcium	44-1	522173	524155	514974	520434	0.93	cps
Chromium	52-2	49633	50339	49807	49927	0.74	cps
Cobalt	59-2	54274	54136	54531	54313	0.37	cps
Copper	63-2	28946	29196	28809	28983	0.68	cps
Dysprosium	156-1	13299	13173	12865	13112	1.70	cps
Dysprosium	156-2	6912	7252	7469	7211	3.89	cps
Erbium	164-1	9195	8720	8745	8887	3.01	cps
Erbium	164-2	5264	5208	5271	5248	0.66	cps
Gadolinium	160-1	10880	10471	10396	10582	2.46	cps
Gadolinium	160-2	6935	6578	7065	6860	3.68	cps
Holmium	165-1	22637481	22104677	21884653	22208937	1.74	cps
Holmium	165-2	12968244	13293684	12875015	13045647	1.68	cps
Indium	115-1	18697550	18366428	18412767	18492248	0.97	cps
Indium	115-2	4561360	4720598	4496489	4592816	2.51	cps
Iron	56-2	32748767	32961086	32934656	32881503	0.35	cps
Iron	57-2	782109	795770	801151	793010	1.24	cps
Krypton	83-1	1900	1904	1880	1895	0.67	cps
Lead	206-1	26633	25353	26410	26132	2.62	cps
Lead	207-1	21362	21306	22080	21583	2.00	cps
Lead	208-1	103500	98678	102506	101562	2.51	cps
Lithium	6-1	5910430	5817035	5844873	5857446	0.82	cps
Magnesium	24-2	1081144	1099892	1099536	1093524	0.98	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-02-21 15:02:35	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	951619	958341	951757	953905	0.40	cps
Molybdenum	94-1	19205	18246	18321	18591	2.87	cps
Molybdenum	95-1	758	917	883	853	9.79	cps
Molybdenum	96-1	4418	4359	4476	4418	1.32	cps
Molybdenum	97-1	575	517	433	508	14.01	cps
Molybdenum	98-1	1225	1158	1292	1225	5.44	cps
Neodymium	150-1	19207	18453	19655	19105	3.18	cps
Neodymium	150-2	9117	9310	8983	9137	1.80	cps
Nickel	60-2	23078	23719	23666	23488	1.51	cps
Phosphorus	31-2	2350	2209	1884	2147	11.14	cps
Potassium	39-2	212082	209177	210024	210427	0.71	cps
Rhodium	103-1	18385947	18228248	18267059	18293751	0.45	cps
Rhodium	103-2	10282787	10475911	10174405	10311034	1.48	cps
Scandium	45-1	13060985	12945013	13030112	13012037	0.46	cps
Scandium	45-2	738821	761093	737899	745938	1.76	cps
Selenium	77-2	30	87	33	50	63.60	cps
Selenium	78-2	226	215	235	225	4.53	cps
Selenium	82-1	32	16	0	16	98.11	cps
Silicon	28-1	832102	800196	975156	869151	10.72	cps
Silver	109-1	267	183	167	206	26.06	cps
Silver	107-1	383	433	442	419	7.52	cps
Sodium	23-2	92317	90019	92275	91537	1.44	cps
Strontium	86-1	21767	21809	21459	21678	0.88	cps
Strontium	88-1	161552	161908	160205	161222	0.56	cps
Sulfur	34-1	750064	743194	735897	743052	0.95	cps
Terbium	159-1	23325849	22731887	22903436	22987057	1.33	cps
Terbium	159-2	13176491	13464269	13023007	13221256	1.69	cps
Thallium	203-1	1717	1909	1609	1745	8.71	cps
Thallium	205-1	3726	3742	3734	3734	0.22	cps
Thorium	232-1	60066	57951	57862	58626	2.13	cps
Tin	118-1	2009	1625	1492	1709	15.70	cps
Titanium	47-1	63680	62174	60718	62191	2.38	cps
Uranium	238-1	10997	10630	10747	10791	1.74	cps
Vanadium	51-2	51643	51202	51075	51307	0.58	cps
Yttrium	89-1	19725389	19223398	19221008	19389932	1.50	cps
Yttrium	89-2	3483570	3616813	3477043	3525808	2.24	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-02-21 15:02:35	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	25516	26137	25336	25663	1.64	cps
Zirconium	90-1	51595	51486	50674	51252	0.98	cps
Zirconium	91-1	11288	11547	11597	11477	1.44	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : K1308-01MSDLX5 Instrumnet Name : P7
 Client Sample ID : SB-17(34.2-34.8)MSDL Dilution Factor : 5
 Date & Time Acquired :: 2019-02-21 15:06:11 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4587181	4645054	4625862	4619366	0.64	cps
Antimony	121-1	784951	795546	806847	795782	1.38	cps
Arsenic	75-2	104772	104664	105410	104949	0.38	cps
Barium	135-1	2996633	3037714	3025047	3019798	0.70	cps
Barium	137-1	5273283	5323712	5379404	5325467	1.00	cps
Beryllium	9-1	666968	683787	673345	674700	1.26	cps
Bismuth	209-1	14443829	14422871	14478872	14448524	0.20	cps
Bismuth	209-2	9216183	9293432	9294518	9268044	0.48	cps
Boron	10-1	141391	144226	148700	144772	2.55	cps
Boron	11-1	674217	698665	701760	691547	2.18	cps
Cadmium	111-1	666221	677197	671543	671654	0.82	cps
Cadmium	106-1	92334	93424	93559	93106	0.72	cps
Cadmium	108-1	51640	53313	52146	52366	1.64	cps
Calcium	43-1	900120	901681	881466	894422	1.26	cps
Calcium	44-1	13931986	14185735	13945460	14021060	1.02	cps
Chromium	52-2	1152845	1159085	1145165	1152365	0.61	cps
Cobalt	59-2	1878167	1884621	1884500	1882430	0.20	cps
Copper	63-2	2368496	2370440	2413358	2384098	1.06	cps
Dysprosium	156-1	72058	74965	73741	73588	1.98	cps
Dysprosium	156-2	39420	38915	39500	39279	0.81	cps
Erbium	164-1	45920	45728	45569	45739	0.38	cps
Erbium	164-2	25380	25758	26282	25807	1.75	cps
Gadolinium	160-1	56585	55087	55062	55578	1.57	cps
Gadolinium	160-2	34601	35744	35393	35246	1.66	cps
Holmium	165-1	21835137	21881051	21967572	21894587	0.31	cps
Holmium	165-2	12518509	12705228	12528534	12584090	0.83	cps
Indium	115-1	17690479	17734143	17678578	17701067	0.17	cps
Indium	115-2	4282659	4283305	4305333	4290432	0.30	cps
Iron	56-2	227395733	229417044	229719316	228844031	0.55	cps
Iron	57-2	5666090	5622115	5642717	5643640	0.39	cps
Krypton	83-1	1743	1853	1763	1787	3.28	cps
Lead	206-1	1850971	1902300	1916408	1889893	1.82	cps
Lead	207-1	1612239	1669947	1642568	1641584	1.76	cps
Lead	208-1	7458098	7673152	7636154	7589135	1.52	cps
Lithium	6-1	5718757	5683327	5694878	5698987	0.32	cps
Magnesium	24-2	13598404	13579081	13537826	13571770	0.23	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : K1308-01MSDLX5 Instrumnet Name : P7
 Client Sample ID : SB-17(34.2-34.8)MSDL Dilution Factor : 5
 Date & Time Acquired :: 2019-02-21 15:06:11 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7633179	7649428	7676224	7652944	0.28	cps
Molybdenum	94-1	4408438	4415525	4460451	4428138	0.64	cps
Molybdenum	95-1	5071835	5149496	5124893	5115408	0.78	cps
Molybdenum	96-1	5619579	5621626	5646829	5629344	0.27	cps
Molybdenum	97-1	3111290	3114067	3134027	3119794	0.40	cps
Molybdenum	98-1	8108427	8219760	8161291	8163159	0.68	cps
Neodymium	150-1	106040	106483	104965	105830	0.74	cps
Neodymium	150-2	49091	49218	49148	49152	0.13	cps
Nickel	60-2	529974	529207	538571	532584	0.98	cps
Phosphorus	31-2	8820	8661	8619	8700	1.21	cps
Potassium	39-2	5136575	5121559	5161803	5139979	0.40	cps
Rhodium	103-1	17331053	17299104	17375830	17335329	0.22	cps
Rhodium	103-2	9435545	9612705	9615221	9554490	1.08	cps
Scandium	45-1	12693896	12702070	12751970	12715979	0.25	cps
Scandium	45-2	718327	714538	719044	717303	0.34	cps
Selenium	77-2	3107	3090	3060	3086	0.77	cps
Selenium	78-2	10194	9931	10113	10080	1.34	cps
Selenium	82-1	48132	48452	48367	48317	0.34	cps
Silicon	28-1	5667387	5654284	5717928	5679866	0.59	cps
Silver	109-1	3077310	3113055	3074547	3088304	0.70	cps
Silver	107-1	3206776	3335960	3276074	3272937	1.98	cps
Sodium	23-2	15305916	15388397	15300778	15331697	0.32	cps
Strontium	86-1	857365	861006	857852	858741	0.23	cps
Strontium	88-1	7454245	7515489	7386780	7452171	0.86	cps
Sulfur	34-1	748662	740720	737688	742357	0.76	cps
Terbium	159-1	22505656	22507671	22512408	22508578	0.02	cps
Terbium	159-2	12682567	12742046	12662301	12695638	0.33	cps
Thallium	203-1	2089129	2144421	2148177	2127242	1.55	cps
Thallium	205-1	5059109	5155980	5184545	5133211	1.28	cps
Thorium	232-1	324129	331626	333390	329715	1.49	cps
Tin	118-1	1348085	1382702	1372522	1367770	1.30	cps
Titanium	47-1	1976832	1983971	1983118	1981307	0.20	cps
Uranium	238-1	7457667	7538050	7435636	7477118	0.72	cps
Vanadium	51-2	1095068	1098549	1093903	1095840	0.22	cps
Yttrium	89-1	19224153	19184020	19082364	19163512	0.38	cps
Yttrium	89-2	3390213	3383221	3398113	3390516	0.22	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:06:11	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	498572	499590	512504	503556	1.54	cps
Zirconium	90-1	4160940	4244827	4238744	4214837	1.11	cps
Zirconium	91-1	924334	949343	926185	933287	1.49	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : K1308-01MSDDLX5 Instrumnet Name : P7
 Client Sample ID : SB-17(34.2-34.8)MSDDL Dilution Factor : 5
 Date & Time Acquired :: 2019-02-21 15:09:49 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4094327	4117793	4108228	4106783	0.29	cps
Antimony	121-1	869859	889327	874869	878018	1.15	cps
Arsenic	75-2	108585	108990	109197	108924	0.29	cps
Barium	135-1	3005240	2967007	2966930	2979726	0.74	cps
Barium	137-1	5233737	5299007	5257700	5263481	0.63	cps
Beryllium	9-1	690930	685489	680940	685786	0.73	cps
Bismuth	209-1	14689292	14393586	13951541	14344806	2.59	cps
Bismuth	209-2	9221271	9253826	9327025	9267374	0.58	cps
Boron	10-1	153482	152965	154584	153677	0.54	cps
Boron	11-1	705343	731198	737031	724524	2.33	cps
Cadmium	111-1	685679	686945	691308	687977	0.43	cps
Cadmium	106-1	96193	91999	94347	94179	2.23	cps
Cadmium	108-1	54447	53217	53890	53851	1.14	cps
Calcium	43-1	858696	866663	859821	861727	0.50	cps
Calcium	44-1	13816942	13667673	13723467	13736028	0.55	cps
Chromium	52-2	1112074	1128506	1114370	1118317	0.80	cps
Cobalt	59-2	1839889	1857383	1844884	1847385	0.49	cps
Copper	63-2	2373219	2365121	2383174	2373838	0.38	cps
Dysprosium	156-1	63414	64336	64261	64004	0.80	cps
Dysprosium	156-2	34935	35362	35232	35176	0.62	cps
Erbium	164-1	42100	43622	42517	42746	1.84	cps
Erbium	164-2	24556	24075	24833	24488	1.57	cps
Gadolinium	160-1	49666	50721	49960	50116	1.09	cps
Gadolinium	160-2	31329	32522	31944	31932	1.87	cps
Holmium	165-1	21630793	21541470	21070646	21414303	1.41	cps
Holmium	165-2	12439516	12495699	12528550	12487922	0.36	cps
Indium	115-1	17620897	17395104	17028784	17348262	1.72	cps
Indium	115-2	4210467	4307108	4332706	4283427	1.51	cps
Iron	56-2	207168755	207700782	207599849	207489795	0.14	cps
Iron	57-2	5011978	5081521	5055840	5049780	0.70	cps
Krypton	83-1	1683	1847	1917	1816	6.60	cps
Lead	206-1	1925952	1948298	1943116	1939122	0.60	cps
Lead	207-1	1686138	1684984	1691088	1687404	0.19	cps
Lead	208-1	7772977	7816856	7795481	7795105	0.28	cps
Lithium	6-1	5753134	5553537	5583525	5630065	1.91	cps
Magnesium	24-2	12462128	12523951	12438267	12474782	0.35	cps

LB Number : LB100949 Operator : Jaswal
 Lab Sample ID : K1308-01MSDDLX5 Instrumnet Name : P7
 Client Sample ID : SB-17(34.2-34.8)MSDDL Dilution Factor : 5
 Date & Time Acquired :: 2019-02-21 15:09:49 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6766609	6806665	6781814	6785029	0.30	cps
Molybdenum	94-1	4567907	4523414	4547114	4546145	0.49	cps
Molybdenum	95-1	5253553	5242263	5285831	5260549	0.43	cps
Molybdenum	96-1	5838055	5932281	5949140	5906492	1.01	cps
Molybdenum	97-1	3195246	3214833	3248918	3219666	0.84	cps
Molybdenum	98-1	8502075	8381064	8445661	8442934	0.72	cps
Neodymium	150-1	93792	92369	91812	92658	1.10	cps
Neodymium	150-2	42923	42415	43967	43102	1.84	cps
Nickel	60-2	507084	518752	513092	512976	1.14	cps
Phosphorus	31-2	7978	7727	8111	7939	2.45	cps
Potassium	39-2	5010000	5032448	5019498	5020649	0.22	cps
Rhodium	103-1	17420352	16799573	16704525	16974817	2.29	cps
Rhodium	103-2	9479494	9422225	9517349	9473023	0.51	cps
Scandium	45-1	12675973	12295884	12158717	12376858	2.17	cps
Scandium	45-2	708972	709476	713186	710545	0.32	cps
Selenium	77-2	3197	3280	3424	3300	3.47	cps
Selenium	78-2	10478	10639	10532	10550	0.78	cps
Selenium	82-1	50039	50823	50387	50416	0.78	cps
Silicon	28-1	5706775	5626330	5733659	5688921	0.98	cps
Silver	109-1	3147752	3188102	3204615	3180156	0.92	cps
Silver	107-1	3337895	3377208	3325878	3346993	0.80	cps
Sodium	23-2	15349618	15378430	15481148	15403065	0.45	cps
Strontium	86-1	856542	851944	844653	851047	0.70	cps
Strontium	88-1	7462996	7461880	7358449	7427775	0.81	cps
Sulfur	34-1	719803	722693	723540	722012	0.27	cps
Terbium	159-1	22808577	22080746	21721331	22203551	2.49	cps
Terbium	159-2	12604461	12555441	12593291	12584398	0.20	cps
Thallium	203-1	2183796	2234153	2223462	2213803	1.20	cps
Thallium	205-1	5259540	5236257	5265099	5253632	0.29	cps
Thorium	232-1	286847	292184	292606	290546	1.10	cps
Tin	118-1	1429759	1424100	1422821	1425560	0.26	cps
Titanium	47-1	2003135	1977549	1994969	1991884	0.66	cps
Uranium	238-1	7678753	7559231	7640167	7626050	0.80	cps
Vanadium	51-2	1017185	1024882	1028238	1023435	0.55	cps
Yttrium	89-1	19298499	18593795	18401969	18764755	2.52	cps
Yttrium	89-2	3342073	3377616	3436126	3385272	1.40	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:09:49	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	482307	481329	481254	481630	0.12	cps
Zirconium	90-1	4294096	4294967	4265060	4284708	0.40	cps
Zirconium	91-1	941013	945599	946429	944347	0.31	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:13:27	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4300680	4333854	4280749	4305094	0.62	cps
Antimony	121-1	829620	824687	833181	829163	0.51	cps
Arsenic	75-2	106121	106287	106674	106361	0.27	cps
Barium	135-1	2948738	2976889	2967373	2964333	0.48	cps
Barium	137-1	5152885	5219825	5253277	5208662	0.98	cps
Beryllium	9-1	665749	672813	668040	668868	0.54	cps
Bismuth	209-1	14448901	14576994	14601243	14542379	0.56	cps
Bismuth	209-2	9321847	9403308	9407524	9377560	0.52	cps
Boron	10-1	150981	152816	155417	153071	1.46	cps
Boron	11-1	705206	718828	723496	715843	1.33	cps
Cadmium	111-1	670736	670166	670361	670421	0.04	cps
Cadmium	106-1	90036	90094	91294	90475	0.78	cps
Cadmium	108-1	52614	52932	52690	52745	0.31	cps
Calcium	43-1	858300	860488	866732	861840	0.51	cps
Calcium	44-1	13436170	13513281	13486702	13478717	0.29	cps
Chromium	52-2	1112379	1123972	1123935	1120095	0.60	cps
Cobalt	59-2	1849725	1845387	1847161	1847424	0.12	cps
Copper	63-2	2335514	2362023	2351257	2349598	0.57	cps
Dysprosium	156-1	67048	67618	68606	67758	1.16	cps
Dysprosium	156-2	36251	36011	36519	36260	0.70	cps
Erbium	164-1	43454	44466	42467	43462	2.30	cps
Erbium	164-2	25040	24008	24856	24635	2.23	cps
Gadolinium	160-1	51281	52753	52787	52274	1.64	cps
Gadolinium	160-2	33010	33247	32800	33019	0.68	cps
Holmium	165-1	21845602	22406408	21890413	22047474	1.41	cps
Holmium	165-2	12561765	12699753	12696829	12652782	0.62	cps
Indium	115-1	17954187	17817254	17795605	17855682	0.48	cps
Indium	115-2	4280632	4358202	4352252	4330362	1.00	cps
Iron	56-2	215948383	215963371	213449471	215120409	0.67	cps
Iron	57-2	5218981	5231478	5183817	5211425	0.47	cps
Krypton	83-1	1730	1867	1900	1832	4.92	cps
Lead	206-1	1906399	1901014	1897469	1901627	0.24	cps
Lead	207-1	1644047	1640067	1664647	1649587	0.80	cps
Lead	208-1	7567239	7577144	7630094	7591492	0.45	cps
Lithium	6-1	5664658	5672908	5653652	5663739	0.17	cps
Magnesium	24-2	12942692	12954018	12759782	12885497	0.85	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:13:27	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7115673	7099959	7049726	7088453	0.49	cps
Molybdenum	94-1	4304117	4385267	4389757	4359714	1.11	cps
Molybdenum	95-1	5069454	5105321	5082891	5085888	0.36	cps
Molybdenum	96-1	5673577	5681648	5686810	5680678	0.12	cps
Molybdenum	97-1	3087968	3107336	3115396	3103567	0.45	cps
Molybdenum	98-1	8147575	8119353	8114948	8127292	0.22	cps
Neodymium	150-1	97337	96901	98001	97413	0.57	cps
Neodymium	150-2	45575	45846	44723	45381	1.29	cps
Nickel	60-2	509415	515133	520382	514976	1.07	cps
Phosphorus	31-2	7594	8128	7952	7891	3.45	cps
Potassium	39-2	4954557	5043477	5000576	4999537	0.89	cps
Rhodium	103-1	17397771	17295364	16958217	17217117	1.34	cps
Rhodium	103-2	9509826	9540346	9583430	9544534	0.39	cps
Scandium	45-1	12592981	12677595	12333650	12534742	1.43	cps
Scandium	45-2	713968	717671	712052	714564	0.40	cps
Selenium	77-2	3224	3207	3180	3204	0.68	cps
Selenium	78-2	10141	10380	10385	10302	1.36	cps
Selenium	82-1	47970	49157	48751	48626	1.24	cps
Silicon	28-1	6335987	5860784	5636320	5944364	6.01	cps
Silver	109-1	3066537	3104386	3113500	3094808	0.80	cps
Silver	107-1	3255719	3297150	3257628	3270165	0.72	cps
Sodium	23-2	15078270	15195227	15294982	15189493	0.71	cps
Strontium	86-1	824100	835996	829277	829791	0.72	cps
Strontium	88-1	7388383	7322080	7235863	7315442	1.05	cps
Sulfur	34-1	714893	712202	716490	714528	0.30	cps
Terbium	159-1	22679241	22646443	22395383	22573689	0.69	cps
Terbium	159-2	12716931	12676178	12754696	12715935	0.31	cps
Thallium	203-1	2117323	2144189	2185801	2149104	1.61	cps
Thallium	205-1	5072445	5198766	5092744	5121318	1.32	cps
Thorium	232-1	300956	309857	307062	305958	1.49	cps
Tin	118-1	1371790	1385342	1400243	1385792	1.03	cps
Titanium	47-1	1940749	1945885	1921345	1935993	0.67	cps
Uranium	238-1	7447173	7580377	7520733	7516094	0.89	cps
Vanadium	51-2	1043948	1057024	1047790	1049587	0.64	cps
Yttrium	89-1	19142283	18934936	18772816	18950012	0.98	cps
Yttrium	89-2	3386492	3390565	3420465	3399174	0.55	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:13:27	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	484064	488335	486471	486290	0.44	cps
Zirconium	90-1	4061777	4156642	4208671	4142363	1.80	cps
Zirconium	91-1	913304	916550	920502	916785	0.39	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:17:04	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3300731	3369692	3391536	3353987	1.41	cps
Antimony	121-1	400	442	367	403	9.33	cps
Arsenic	75-2	8662	9070	8799	8844	2.35	cps
Barium	135-1	563771	553221	552748	556580	1.12	cps
Barium	137-1	976697	949699	959855	962084	1.42	cps
Beryllium	9-1	7842	7899	8209	7983	2.47	cps
Bismuth	209-1	14896543	14945183	15100141	14980622	0.71	cps
Bismuth	209-2	9460222	9502555	9489834	9484204	0.23	cps
Boron	10-1	18128	17819	17327	17758	2.28	cps
Boron	11-1	86322	84016	78974	83104	4.52	cps
Cadmium	111-1	12202	12256	11987	12148	1.17	cps
Cadmium	106-1	16802	17069	16368	16747	2.11	cps
Cadmium	108-1	675	679	554	636	11.16	cps
Calcium	43-1	134484	136278	135089	135283	0.67	cps
Calcium	44-1	2317072	2312055	2311252	2313460	0.14	cps
Chromium	52-2	299197	299356	301070	299874	0.35	cps
Cobalt	59-2	310447	315443	315509	313800	0.93	cps
Copper	63-2	160113	161610	160514	160746	0.48	cps
Dysprosium	156-1	89049	89325	88947	89107	0.22	cps
Dysprosium	156-2	48194	49051	48957	48734	0.96	cps
Erbium	164-1	62478	65626	64847	64317	2.55	cps
Erbium	164-2	34514	35543	35296	35118	1.53	cps
Gadolinium	160-1	71965	74537	75032	73845	2.23	cps
Gadolinium	160-2	46298	46181	46850	46443	0.77	cps
Holmium	165-1	22635705	22181570	22427553	22414943	1.01	cps
Holmium	165-2	12521763	12575125	12581841	12559576	0.26	cps
Indium	115-1	18178104	18003749	18050255	18077370	0.50	cps
Indium	115-2	4255681	4340729	4295286	4297232	0.99	cps
Iron	56-2	228841950	230356861	229408044	229535618	0.33	cps
Iron	57-2	5666097	5596269	5606971	5623112	0.67	cps
Krypton	83-1	1803	1767	1813	1795	1.37	cps
Lead	206-1	152676	151521	154176	152791	0.87	cps
Lead	207-1	123252	126404	125013	124890	1.26	cps
Lead	208-1	588711	593228	598768	593569	0.85	cps
Lithium	6-1	5813447	5811962	5882620	5836009	0.69	cps
Magnesium	24-2	6044248	6146947	6106930	6099375	0.85	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:17:04	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6997649	7062799	7092078	7050842	0.69	cps
Molybdenum	94-1	121783	122053	122473	122103	0.28	cps
Molybdenum	95-1	17428	17453	17403	17428	0.14	cps
Molybdenum	96-1	39631	39773	38712	39372	1.46	cps
Molybdenum	97-1	11138	10971	10546	10885	2.80	cps
Molybdenum	98-1	28888	26876	27645	27803	3.65	cps
Neodymium	150-1	121514	118763	121345	120540	1.28	cps
Neodymium	150-2	55642	56064	55495	55733	0.53	cps
Nickel	60-2	145979	146737	147253	146656	0.44	cps
Phosphorus	31-2	10738	10012	10804	10518	4.18	cps
Potassium	39-2	1105330	1102521	1113084	1106978	0.49	cps
Rhodium	103-1	17562421	17752984	17709081	17674829	0.56	cps
Rhodium	103-2	9483980	9570743	9647739	9567487	0.86	cps
Scandium	45-1	12776893	12726773	12821786	12775151	0.37	cps
Scandium	45-2	699378	698110	703691	700393	0.42	cps
Selenium	77-2	237	300	277	271	11.82	cps
Selenium	78-2	433	430	443	435	1.54	cps
Selenium	82-1	145	216	111	157	33.98	cps
Silicon	28-1	2073223	2149153	2079708	2100695	2.00	cps
Silver	109-1	958	892	983	945	5.02	cps
Silver	107-1	1550	1317	1417	1428	8.20	cps
Sodium	23-2	255038	256655	260259	257318	1.04	cps
Strontium	86-1	141542	142317	144159	142673	0.94	cps
Strontium	88-1	1248092	1219612	1210651	1226119	1.59	cps
Sulfur	34-1	692416	692392	694520	693110	0.18	cps
Terbium	159-1	22931840	22833215	23084607	22949887	0.55	cps
Terbium	159-2	12757331	12835434	12714254	12769006	0.48	cps
Thallium	203-1	4042	3967	4076	4029	1.38	cps
Thallium	205-1	9387	9245	9779	9470	2.92	cps
Thorium	232-1	381192	383560	385260	383337	0.53	cps
Tin	118-1	7202	6602	6577	6794	5.21	cps
Titanium	47-1	421742	415777	417547	418356	0.73	cps
Uranium	238-1	88525	87133	88476	88045	0.90	cps
Vanadium	51-2	312544	317967	317859	316123	0.98	cps
Yttrium	89-1	19683011	19387181	19416429	19495541	0.84	cps
Yttrium	89-2	3404411	3439400	3419925	3421245	0.51	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	K1308-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-21 15:17:04	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	166523	166839	166055	166472	0.24	cps
Zirconium	90-1	316092	314914	306196	312401	1.73	cps
Zirconium	91-1	68649	67929	68967	68515	0.78	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 15:21:51	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17770984	17948748	17908010	17875914	0.52	cps
Antimony	121-1	8538953	8620781	8609003	8589579	0.52	cps
Arsenic	75-2	447919	446796	444757	446491	0.36	cps
Barium	135-1	11430667	11370312	11357293	11386091	0.34	cps
Barium	137-1	19792803	19853671	19952435	19866303	0.41	cps
Beryllium	9-1	2798518	2811612	2842020	2817383	0.79	cps
Bismuth	209-1	12445022	12459618	12469278	12457973	0.10	cps
Bismuth	209-2	7982270	7943587	8031978	7985945	0.55	cps
Boron	10-1	599001	610834	621617	610484	1.85	cps
Boron	11-1	2810217	2886168	2993789	2896724	3.18	cps
Cadmium	111-1	2890449	2956149	2984703	2943767	1.64	cps
Cadmium	106-1	343228	352807	358066	351367	2.14	cps
Cadmium	108-1	230068	230571	236821	232487	1.62	cps
Calcium	43-1	16564047	16841885	16761133	16722355	0.85	cps
Calcium	44-1	264618131	267262048	268660106	266846762	0.77	cps
Chromium	52-2	4310422	4323620	4340848	4324963	0.35	cps
Cobalt	59-2	6983592	6902188	7024023	6969934	0.89	cps
Copper	63-2	9913829	9949142	9977818	9946930	0.32	cps
Dysprosium	156-1	358	383	342	361	5.81	cps
Dysprosium	156-2	323	293	267	294	9.63	cps
Erbium	164-1	125	125	83	111	21.65	cps
Erbium	164-2	70	67	47	61	20.65	cps
Gadolinium	160-1	300	308	267	292	7.56	cps
Gadolinium	160-2	453	440	417	437	4.25	cps
Holmium	165-1	20897075	21005512	21234054	21045547	0.82	cps
Holmium	165-2	12196311	12072120	12230590	12166340	0.69	cps
Indium	115-1	16085129	16040233	16314060	16146474	0.91	cps
Indium	115-2	3971567	3957788	3953247	3960868	0.24	cps
Iron	56-2	957575688	962422466	973215200	964404451	0.83	cps
Iron	57-2	24006135	24044715	24111530	24054127	0.22	cps
Krypton	83-1	1777	1643	1810	1743	5.06	cps
Lead	206-1	7674438	7683144	7663457	7673680	0.13	cps
Lead	207-1	6942349	6884544	6895382	6907425	0.44	cps
Lead	208-1	30945307	31007993	31020541	30991280	0.13	cps
Lithium	6-1	5233354	5272677	5345189	5283740	1.07	cps
Magnesium	24-2	184273112	184042571	185897358	184737681	0.55	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 15:21:51	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5464212	5491522	5536052	5497262	0.66	cps
Molybdenum	94-1	21524674	21554907	22042746	21707442	1.34	cps
Molybdenum	95-1	27303040	27460884	27457940	27407288	0.33	cps
Molybdenum	96-1	30214101	30015885	30411635	30213874	0.65	cps
Molybdenum	97-1	16737525	16727196	17043688	16836136	1.07	cps
Molybdenum	98-1	44009170	44024297	44280134	44104534	0.35	cps
Neodymium	150-1	1333	1253	1233	1273	4.16	cps
Neodymium	150-2	187	170	230	196	15.84	cps
Nickel	60-2	1735743	1737104	1740383	1737743	0.14	cps
Phosphorus	31-2	208777	206927	211733	209146	1.16	cps
Potassium	39-2	90873517	90239471	90576087	90563025	0.35	cps
Rhodium	103-1	14809648	15142624	15079978	15010750	1.18	cps
Rhodium	103-2	8485521	8444723	8419448	8449897	0.39	cps
Scandium	45-1	11613127	11882217	12020065	11838470	1.75	cps
Scandium	45-2	701964	702135	699706	701268	0.19	cps
Selenium	77-2	15388	15085	15545	15339	1.53	cps
Selenium	78-2	51015	51515	52480	51670	1.44	cps
Selenium	82-1	238157	241837	244966	241653	1.41	cps
Silicon	28-1	7876072	8165951	8282516	8108180	2.58	cps
Silver	109-1	13487760	13403477	13665572	13518936	0.99	cps
Silver	107-1	14280356	14426660	14349169	14352062	0.51	cps
Sodium	23-2	357899983	354233866	355665075	355932975	0.52	cps
Strontium	86-1	3694902	3788819	3813553	3765758	1.66	cps
Strontium	88-1	32844325	33348092	33673531	33288649	1.26	cps
Sulfur	34-1	2237407	2240754	2270398	2249520	0.81	cps
Terbium	159-1	21261833	21660253	21737583	21553223	1.18	cps
Terbium	159-2	12142485	12171849	12228340	12180891	0.36	cps
Thallium	203-1	9686014	9530913	9525390	9580772	0.95	cps
Thallium	205-1	22779498	22819661	22955534	22851564	0.40	cps
Thorium	232-1	34528940	34512701	34599308	34546983	0.13	cps
Tin	118-1	8291311	8283105	8256478	8276965	0.22	cps
Titanium	47-1	8082755	8194408	8263412	8180191	1.11	cps
Uranium	238-1	33770135	33964201	33783204	33839180	0.32	cps
Vanadium	51-2	3448967	3480118	3496427	3475171	0.69	cps
Yttrium	89-1	17376706	17416977	17867095	17553593	1.55	cps
Yttrium	89-2	3187202	3197253	3221883	3202113	0.56	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 15:21:51	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1652285	1634082	1655100	1647156	0.69	cps
Zirconium	90-1	16605190	16909354	17106689	16873744	1.50	cps
Zirconium	91-1	3650399	3683915	3696938	3677084	0.65	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 15:26:14	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	792	1000	825	872	12.83	cps
Antimony	121-1	3201	3151	3609	3320	7.58	cps
Arsenic	75-2	67	56	63	62	9.16	cps
Barium	135-1	617	508	533	553	10.26	cps
Barium	137-1	1275	1108	908	1097	16.73	cps
Beryllium	9-1	490	500	447	479	5.92	cps
Bismuth	209-1	15295964	15072814	15104020	15157599	0.80	cps
Bismuth	209-2	9602986	9766204	9736178	9701789	0.90	cps
Boron	10-1	20323	18270	17962	18851	6.81	cps
Boron	11-1	96592	92298	87990	92294	4.66	cps
Cadmium	111-1	11261	11026	10757	11014	2.29	cps
Cadmium	106-1	15768	15267	15075	15370	2.33	cps
Cadmium	108-1	50	46	42	46	9.09	cps
Calcium	43-1	1475	1633	1342	1483	9.84	cps
Calcium	44-1	162234	159471	156405	159370	1.83	cps
Chromium	52-2	4211	4111	4374	4232	3.14	cps
Cobalt	59-2	333	367	447	382	15.24	cps
Copper	63-2	3527	3494	3407	3476	1.78	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	58	67	83	69	18.33	cps
Erbium	164-2	30	33	40	34	14.78	cps
Gadolinium	160-1	158	233	167	186	22.09	cps
Gadolinium	160-2	450	403	407	420	6.20	cps
Holmium	165-1	22510569	22048895	21976772	22178745	1.31	cps
Holmium	165-2	12573097	12632099	12804093	12669763	0.95	cps
Indium	115-1	18556508	18247650	18071800	18291986	1.34	cps
Indium	115-2	4326796	4386879	4400952	4371542	0.90	cps
Iron	56-2	71368	70262	67115	69581	3.17	cps
Iron	57-2	1872	1561	1683	1706	9.19	cps
Krypton	83-1	1924	1603	1740	1756	9.15	cps
Lead	206-1	1928	1700	1856	1828	6.37	cps
Lead	207-1	1706	1756	1583	1682	5.27	cps
Lead	208-1	7707	7534	7223	7488	3.27	cps
Lithium	6-1	5752748	5716172	5677541	5715487	0.66	cps
Magnesium	24-2	8436	8336	7727	8166	4.70	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 15:26:14	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	460	377	317	384	18.72	cps
Molybdenum	94-1	2975	3042	2684	2900	6.57	cps
Molybdenum	95-1	3592	2942	2725	3087	14.62	cps
Molybdenum	96-1	3759	3751	3609	3706	2.28	cps
Molybdenum	97-1	2134	2025	1684	1947	12.06	cps
Molybdenum	98-1	5885	5285	4609	5260	12.13	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	343	340	303	329	6.75	cps
Phosphorus	31-2	492	458	492	481	4.00	cps
Potassium	39-2	74303	74865	72712	73960	1.51	cps
Rhodium	103-1	18080260	17953377	17858003	17963880	0.62	cps
Rhodium	103-2	9879851	9939012	10034664	9951176	0.79	cps
Scandium	45-1	12763241	12669774	12579137	12670717	0.73	cps
Scandium	45-2	701185	716691	713276	710384	1.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	200	176	200	192	7.24	cps
Selenium	82-1	-68	246	58	79	201.04	cps
Silicon	28-1	664137	654993	645283	654804	1.44	cps
Silver	109-1	1242	1458	1225	1308	9.95	cps
Silver	107-1	1625	1817	1492	1645	9.94	cps
Sodium	23-2	91914	89810	90674	90799	1.16	cps
Strontium	86-1	2967	3092	2867	2975	3.79	cps
Strontium	88-1	2067	1725	1558	1784	14.53	cps
Sulfur	34-1	869626	871428	871798	870951	0.13	cps
Terbium	159-1	22997874	22559700	22330099	22629224	1.50	cps
Terbium	159-2	12687940	12771193	12908688	12789274	0.87	cps
Thallium	203-1	2659	2284	2067	2336	12.81	cps
Thallium	205-1	6118	6268	4976	5788	12.21	cps
Thorium	232-1	8375	7313	6613	7434	11.94	cps
Tin	118-1	3134	3009	2567	2903	10.26	cps
Titanium	47-1	1667	1542	1467	1558	6.48	cps
Uranium	238-1	1925	1842	1700	1822	6.24	cps
Vanadium	51-2	190	173	143	169	14.00	cps
Yttrium	89-1	19057215	18820759	18945715	18941230	0.62	cps
Yttrium	89-2	3288110	3314922	3360647	3321227	1.10	cps

LB Number :	LB100949	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-02-21 15:26:14	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	897	697	820	804	12.54	cps
Zirconium	90-1	3517	3559	3367	3481	2.90	cps
Zirconium	91-1	708	700	683	697	1.83	cps